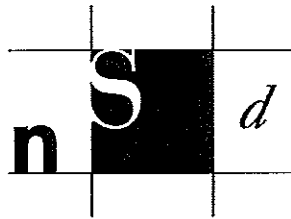


HILTON
HERB N KITCHEN
PROTOTYPE

VOLUME II



N e x t S t e p D e s i g n
FOODSERVICE CONSULTANTS

913 A West Street, Annapolis, Maryland 21401

410.263.1200 www.nextstepdesign.com

(NOT FOR BID OR CONSTRUCTION USE)

PRELIMINARY FOOD SERVICE EQUIPMENT SPECIFICATIONS

APRIL 3, 2014

HILTON
HERB N KITCHEN
PROTOTYPE

VOLUME II

(NOT FOR BID OR CONSTRUCTION USE)

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PROTOTYPE

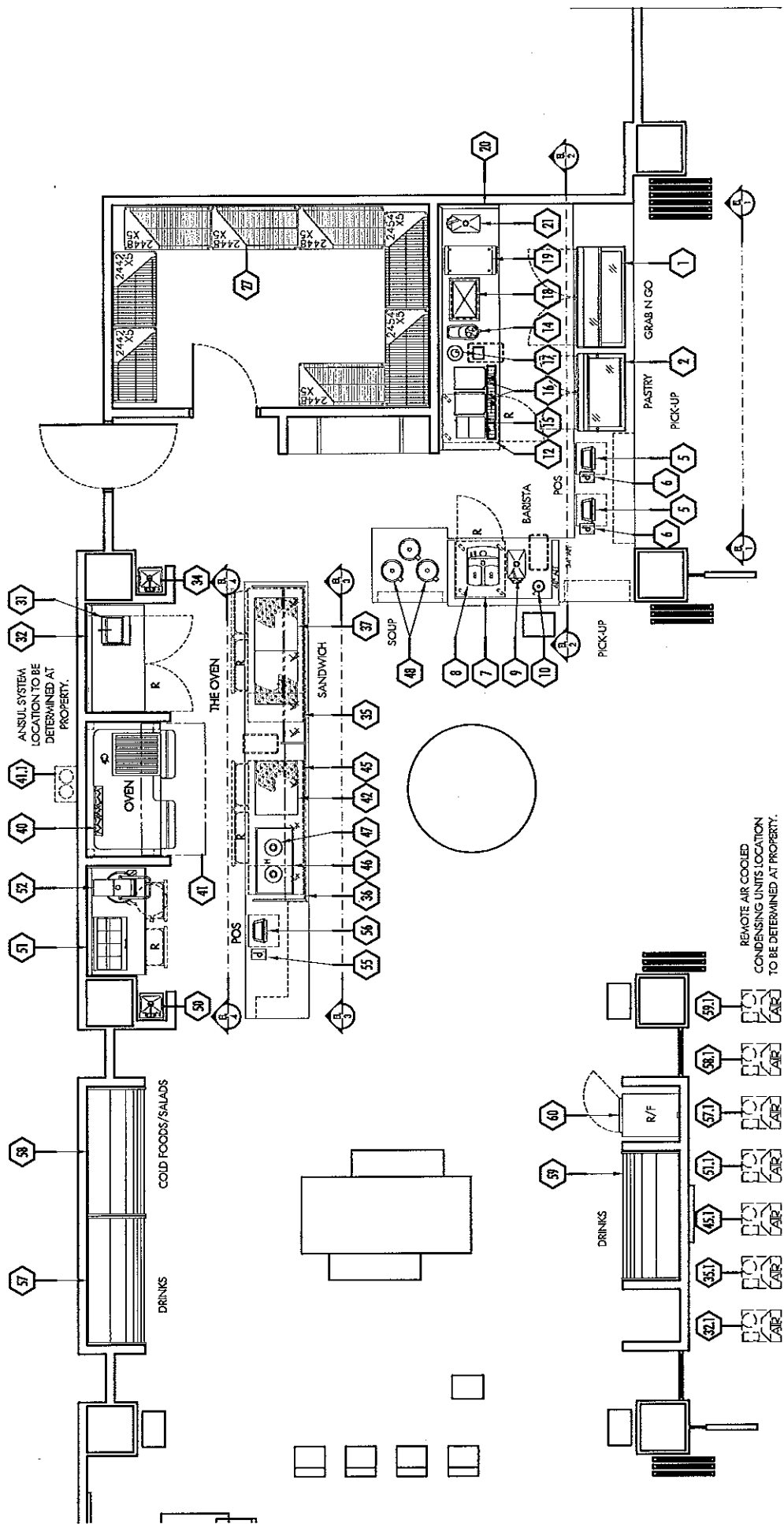
VOLUME II

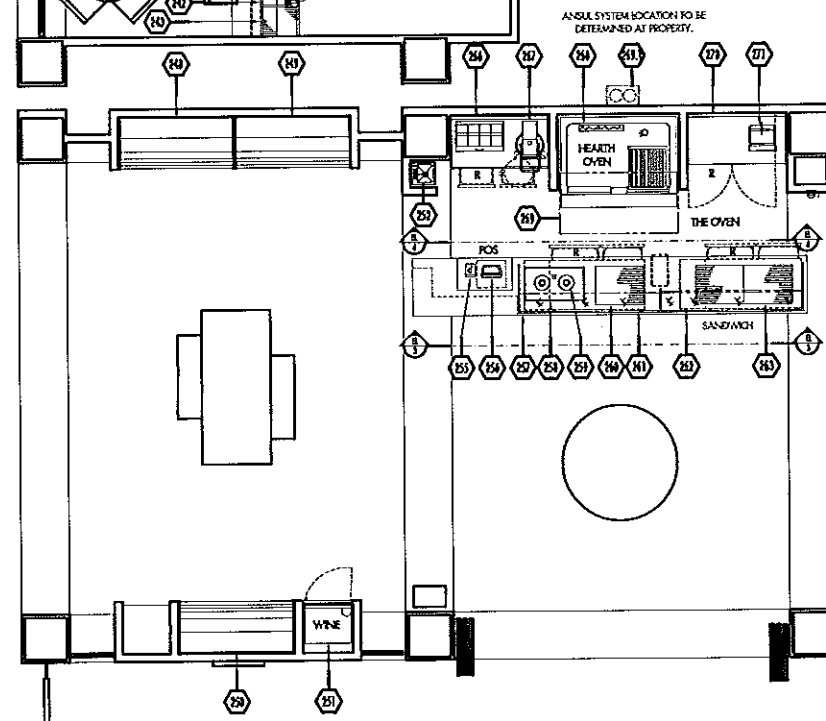
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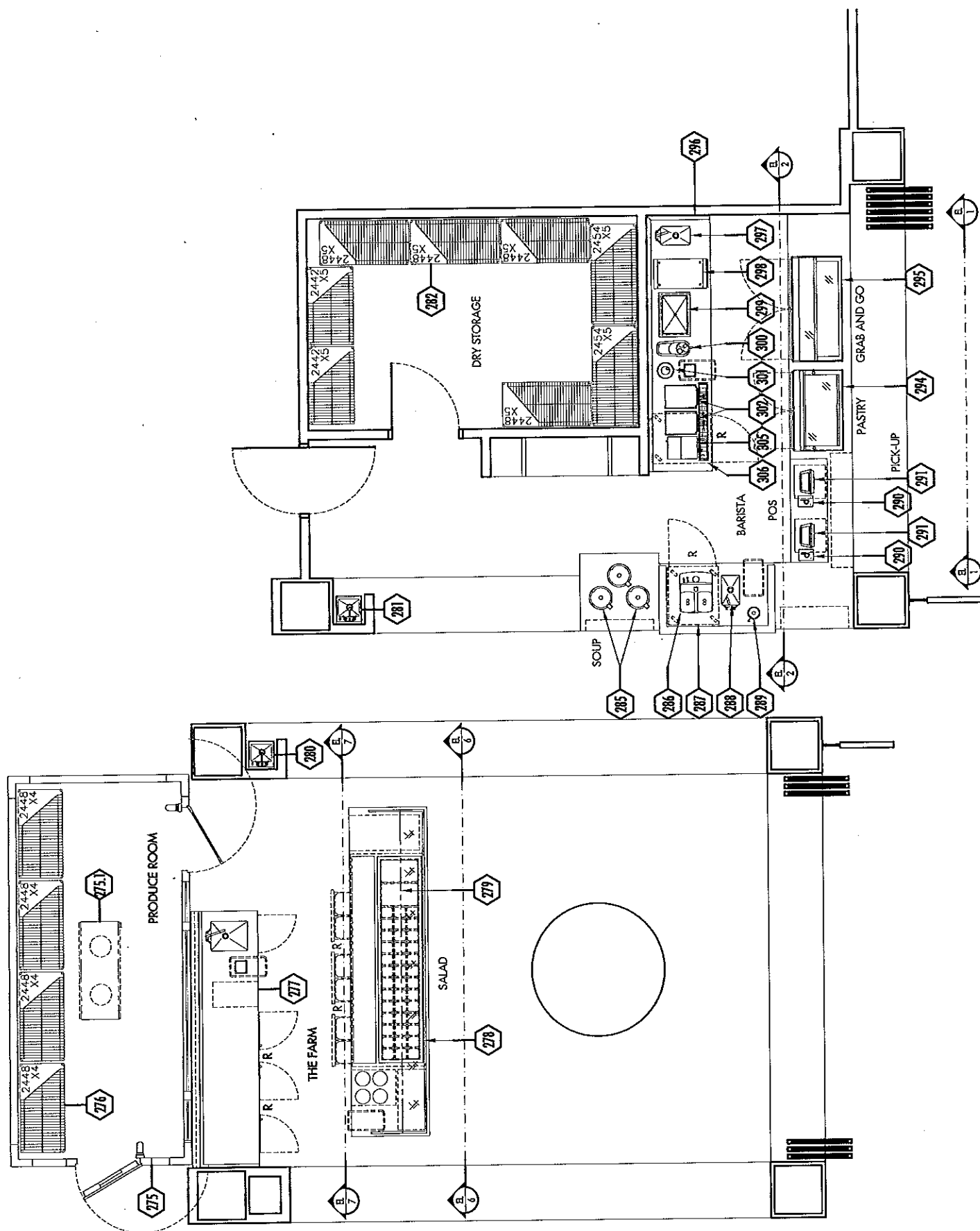
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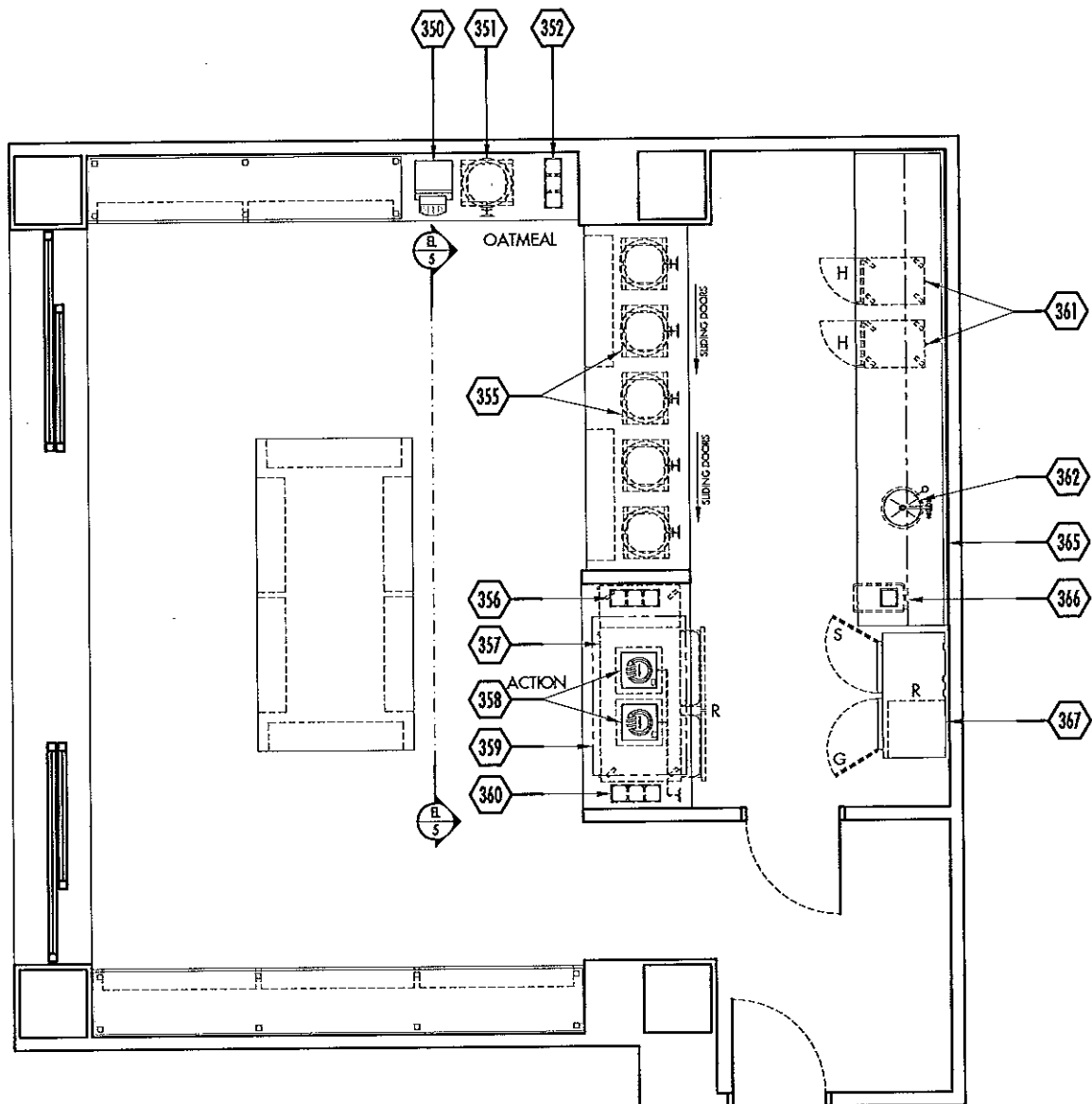
EQUIPMENT SCHEDULE

MANUFACTURER'S EQUIPMENT SPECIFICATION SHEETS

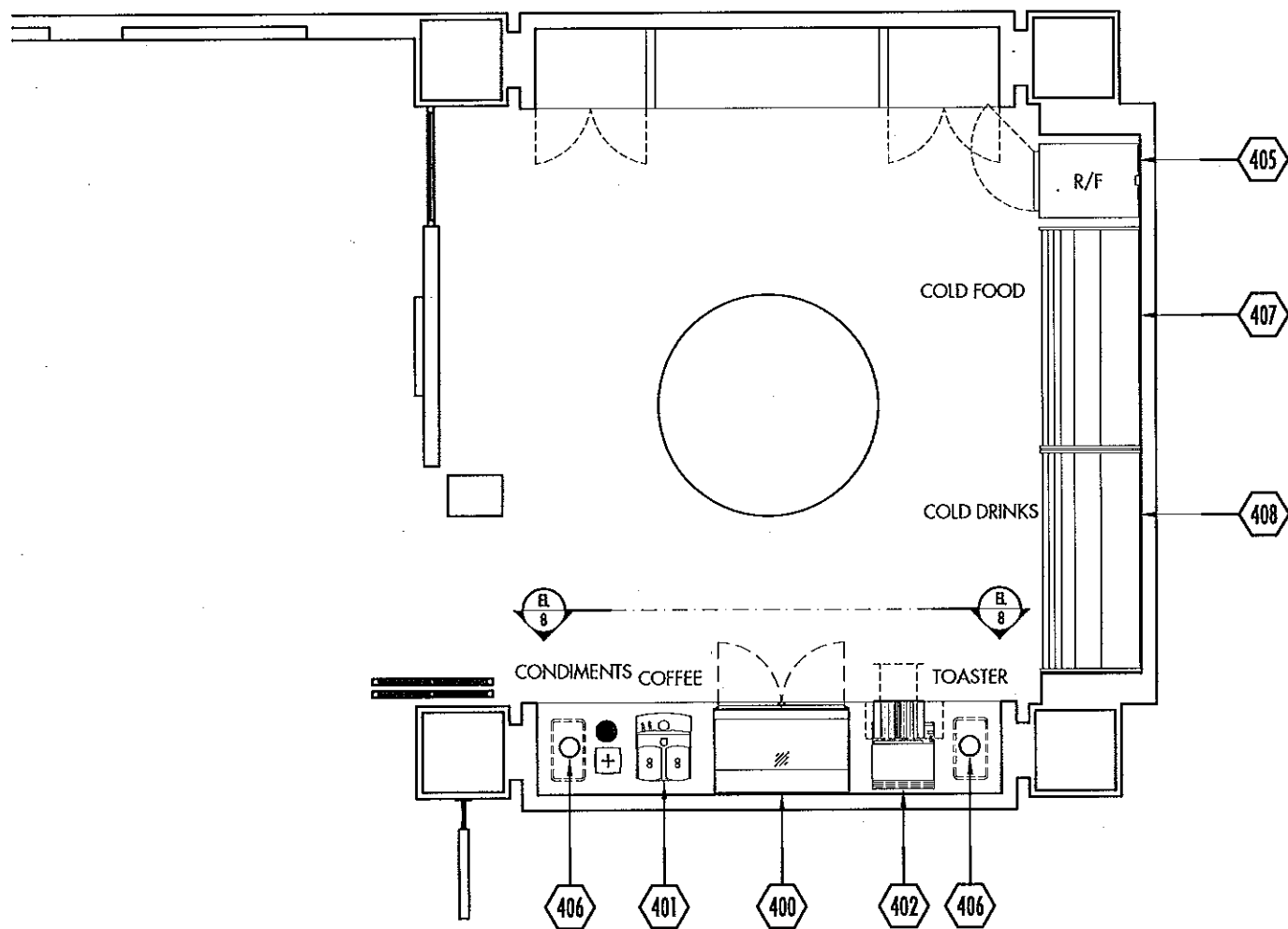
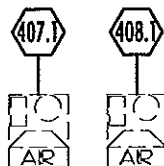








REMOTE AIR COOLED
CONDENSING UNITS LOCATION
TO BE DETERMINED AT PROPERTY.



HILTON
HERB N KITCHEN
PROTOTYPE

EQUIPMENT SCHEDULE

*** PROCUREMENT LEGEND ***

CODE	DESCRIPTION
(E)	Existing Equipment as shown
(E/M)	Equipment to be Modified by KEC
(E/M/R)	Existing Equipment,Modified by KEC/Relocated
(E/R)	Existing Equipment to be Relocated
(E/S/R)	Existing Equipment in Storage (Reinstall)
(FUT)	Equipment to be installed at a future date
(GC)	Equipment Provided by General Contractor
(NIKEC)	Not in Kitchen Equipment Contract
(OTHER)	Equipment provided by others
(OWN)	Equipment Provided by Owner
(SMWRS)	Separate Small Wares Bid
(VEND)	Equipment Provided by Vendor/Supplier

GENERIC EQUIPMENT SCHEDULE

PR	ITEM	QTY	SOURCE	DESCRIPTION
	1	1	RPI INDUSTRIES	REFRIGERATED GRAB & GO, DROP-IN
	2	1	RPI INDUSTRIES	REFRIGERATED MERCHANDISER, DROP-IN
	3			SPARE NUMBER
	4			SPARE NUMBER
(OWN)	5	2	BY OWNER	POS - CASH REGISTER
(OWN)	6	2	BY OWNER	POS - PRINTER
	7	1	DELFIELD	REFRIGERATOR, UNDERCOUNTER
(VEND)	8	1	CONCORDIA COFFEE	ESPRESSO CAPPUCINO MACHINE
	9	1	FABRICATOR	DROP-IN DUMP SINK
	10	1	FISHER	DIPPERWELL
	11			SPARE NUMBER
	12	1	DELFIELD	REFRIGERATOR, UNDERCOUNTER
	13	1	IMC/TEDDY	FLOOR TROUGH
	14	1	ROBOT COUPE	JUICER, ELECTRIC
(VEND)	15	1	FETCO CORP.	COFFEE BREWER
(VEND)	16	2	FETCO CORP.	ICE TEA BREWER
(OWN)	17	1	HAMILTON BEACH	BLENDER, BAR TYPE
	18	1	LANCER CORP.	ICE BIN, DROP-IN
	19	1	TURBOCHEF	MICROWAVE CONVECTION OVEN
	20	1	FABRICATOR	BEVERAGE COUNTER
	21	1	FABRICATOR	BUILT-IN HAND SINK
(OWN)	21.1	1	BY OWNER	SOAP & TOWEL DISPENSER
	22			SPARE NUMBER
	23			SPARE NUMBER
	24			SPARE NUMBER
	25			SPARE NUMBER
	26			SPARE NUMBER
	27	1	METRO	DRY STORAGE SHELVING (LOT)
	28			SPARE NUMBER
	29			SPARE NUMBER
	30			SPARE NUMBER
	31	1	EQUIPEX	PANINI GRILL
	32	1	DELFIELD	REFRIGERATED COUNTER, WORK TOP
	32.1	1	COLDZONE	REMOTE CONDENSER UNIT
	33			SPARE NUMBER
	34	1	GLASTENDER	HAND SINK W/SOAP & TOWEL DISPENSER
	35	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY
	35.1	1	COLDZONE	REMOTE CONDENSER UNIT
	36	1	FABRICATOR	SNEEZE GUARD

PR	ITEM	QTY	SOURCE	DESCRIPTION
	37	2	JOHN BOOS	CUTTING BOARD
	38			SPARE NUMBER
	39			SPARE NUMBER
	40	1	WOOD STONE CORP.	STONE HEARTH OVEN, GAS
	40.1	1	T&S BRASS	GAS CONNECTOR KIT
	41	1	CAPTIVE-AIRE	EXHAUST HOOD
	41.1	1	ANSUL FIRE	FIRE SUPPRESSION SYSTEM
	42	1	JOHN BOOS	CUTTING BOARD
	43			SPARE NUMBER
	44			SPARE NUMBER
	45	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY
	45.1	1	COLDZONE	REMOTE CONDENSER UNIT
	46	1	HATCO	HEATED SHELF, DROP-IN
	47	2	HATCO	HEAT LAMP, BULB TYPE
	48	3	BON CHEF	SOUP TUREEN
	49			SPARE NUMBER
	50	1	GLASTENDER	HAND SINK W/SOAP & TOWEL DISPENSER
	51	1	DELFIELD	REFRIGERATED COUNTER, SANDWICH TOP
	51.1	1	COLDZONE	REMOTE CONDENSER UNIT
	52	1	SOMERSET INDUSTRIES	PIZZA DOUGH PRESS
	53			SPARE NUMBER
	54			SPARE NUMBER
(OWN)	55	1	BY OWNER	POS - PRINTER
(OWN)	56	1	BY OWNER	POS - CASH REGISTER
	57	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	57.1	1	COLDZONE	REMOTE CONDENSER UNIT
	58	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	58.1	1	COLDZONE	REMOTE CONDENSER UNIT
	59	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	59.1	1	COLDZONE	REMOTE CONDENSER UNIT
	60	1	TRAULSEN	REACH-IN DUAL TEMP CABINET,
(OWN)	200	1	BY OWNER	POS - PRE CHECK REGISTER
(OWN)	201	1	BY OWNER	POS - PRE CHECK PRINTER
	202			SPARE NUMBER
	203			SPARE NUMBER
	204	1	STAR MFG.	CONVEYOR TOASTER
	205	1	COOKTEK	INDUCTION RANGE, UNDERMOUNT
	206	1	FABRICATOR	CONDIMENT BIN
	207	5	COOKTEK	INDUCTION RANGE, UNDERMOUNT
	208	1	FABRICATOR	CONDIMENT BIN
	209	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY

PR	ITEM	QTY	SOURCE	DESCRIPTION
	210	2	COOKTEK	INDUCTION RANGE
	211	1	CAPTIVE-AIRE	RECIRCULATING HOOD
	212	1	FABRICATOR	CONDIMENT BIN
	213			SPARE NUMBER
	214			SPARE NUMBER
	215	2	ALTO-SHAAM	HEATED CABINET, HALF-HEIGHT
	216	1	ELKAY	UNDERMOUNT HAND SINK
	217	1	FABRICATOR	WORK COUNTER
	218	1	FABRICATOR	WALL SHELF
	219	1	TRAULSEN	REFRIGERATOR, REACH-IN
	220	1	GLASTENDER	POS COUNTER/CABINET
(OWN)	221	1	BY OWNER	POS - CASH REGISTER
(OWN)	222	1	BY OWNER	POS - PRINTER
	223	26	GLASTENDER	MODULAR BAR DIE
	224			SPARE NUMBER
	225	1	GLASTENDER	UNDERBAR BOTTLE DISPLAY UNIT
	226	1	GLASTENDER	ICE BIN/COCKTAIL STATION
	227	1	GLASTENDER	SODA GUN HOLDER & TUBING CHASE
(VEND)	227.1	1	BY VENDOR	SODA GUN & CARBONATOR
	228	1	GLASTENDER	DRAINBOARD CABINET
	229	1	GLASTENDER	DRY WASTE UNIT
	230	1	GLASTENDER	HAND SINK W/ SOAP & TOWEL DISPENSER
	231	1	GLASTENDER	UNDERBAR GLASS RACK CABINET
	232	1	MEIKO	GLASS WASHER
	233			SPARE NUMBER
	234			SPARE NUMBER
	235	1	GLASTENDER	UNDERBAR DUMP SINK
	236	1	GLASTENDER	DRY WASTE UNIT
	237	1	GLASTENDER	POS COUNTER/CABINET
(OWN)	238	1	BY OWNER	POS - CASH REGISTER
(OWN)	239	1	BY OWNER	POS - PRINTER
	240	1	GLASTENDER	UNDERBAR BOTTLE DISPLAY UNIT
	241	1	GLASTENDER	ICE BIN/COCKTAIL STATION
	242	1	GLASTENDER	SODA GUN HOLDER & TUBING CHASE
(VEND)	242.1	1	BY VENDOR	SODA GUN & CARBONATOR
	243	1	GLASTENDER	DRAINBOARD CABINET
	244			SPARE NUMBER
	245			SPARE NUMBER
	246	1	GLASTENDER	BACKBAR REFRIGERATOR
	247	1	GLASTENDER	BACKBAR REFRIGERATOR
	248	1	RPI INDUSTRIES	MERCHANDISER, OPEN

PR	ITEM	QTY	SOURCE	DESCRIPTION
	248.1	1	COLDZONE	REMOTE CONDENSER UNIT
	249	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	249.1	1	COLDZONE	REMOTE CONDENSER UNIT
	250	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	250.1	1	COLDZONE	REMOTE CONDENSER UNIT
	251	1	VIKING RANGE	REACH-IN WINE REFRIGERATOR, 1 SECTION
	252	1	GLASTENDER	HAND SINK W/SOAP & TOWEL DISPENSER
	253			SPARE NUMBER
	254			SPARE NUMBER
(OWN)	255	1	BY OWNER	POS - CASH REGISTER
(OWN)	256	1	BY OWNER	POS - PRINTER
	257	1	FABRICATOR	SNEEZE GUARD
	258	1	HATCO	HEATED SHELF, DROP-IN
	259	2	HATCO	HEAT LAMP, BULB TYPE
	260	1	JOHN BOOS	CUTTING BOARD
	261	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY
	262	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY
	263	2	JOHN BOOS	CUTTING BOARD
	264			SPARE NUMBER
	265			SPARE NUMBER
	266	1	DELFIELD	REFRIGERATED COUNTER, SANDWICH TOP
	266.1	1	COLDZONE	REMOTE CONDENSER UNIT
	267	1	SOMERSET INDUSTRIES	PIZZA DOUGH PRESS
	268	1	WOOD STONE CORP.	STONE HEARTH OVEN, GAS
	268.1	1	T&S BRASS	GAS CONNECTOR KIT
	269	1	CAPTIVE-AIRE	EXHAUST HOOD
	269.1	1	ANSUL FIRE	FIRE SUPPRESSION SYSTEM
	270	1	DELFIELD	REFRIGERATED COUNTER, WORK TOP
	271	1	EQUIPEX	PANINI GRILL
	272			SPARE NUMBER
	273			SPARE NUMBER
	274			SPARE NUMBER
	275	1	THERMALRITE	WALK-IN COOLER
	275.1	1	COLDZONE	EVAPORATOR COIL
	275.2	1	COLDZONE	REMOTE CONDENSER UNIT
	276	1	METRO	WALK-IN SHELVING (LOT)
	277	1	FABRICATOR	WORK COUNTER, REFRIGERATED
	277.1	1	COLDZONE	REMOTE CONDENSER UNIT
	278	1	FABRICATOR	WORK COUNTER, REFRIGERATED
	278.1	1	COLDZONE	REMOTE CONDENSER UNIT
	279	1	FABRICATOR	SNEEZE GUARD

PR	ITEM	QTY	SOURCE	DESCRIPTION
	280	1	GLASTENDER	HAND SINK W/SOAP & TOWEL DISPENSER
	281	1	GLASTENDER	HAND SINK W/SOAP & TOWEL DISPENSER
	282	1	METRO	DRY STORAGE SHELVING (LOT)
	283			SPARE NUMBER
	284			SPARE NUMBER
	285	3	BON CHEF	SOUP TUREEN
(VEND)	286	1	CONCORDIA COFFEE	ESPRESSO CAPPUCINO MACHINE
	287	1	DELFIELD	REFRIGERATOR, UNDERCOUNTER
	288	1	FABRICATOR	DROP-IN DUMP SINK
	289	1	FISHER	DIPPERWELL
(OWN)	290	2	BY OWNER	POS - PRINTER
(OWN)	291	2	BY OWNER	POS - CASH REGISTER
	292			SPARE NUMBER
	293			SPARE NUMBER
	294	1	RPI INDUSTRIES	REFRIGERATED MERCHANDISER, DROP-IN
	294.1	1	COLDZONE	REMOTE CONDENSER UNIT
	295	1	RPI INDUSTRIES	REFRIGERATED GRAB & GO, DROP-IN
	295.1	1	COLDZONE	REMOTE CONDENSER UNIT
	296	1	FABRICATOR	BEVERAGE COUNTER
	297	1	FABRICATOR	BUILT-IN HAND SINK
(OWN)	297.1	1	BY OWNER	SOAP & TOWEL DISPENSER
	298	1	TURBOCHEF	MICROWAVE CONVECTION OVEN
	299	1	LANCER CORP.	ICE BIN, DROP-IN
	300	1	ROBOT COUPE	JUICER, ELECTRIC
(OWN)	301	1	HAMILTON BEACH	BLENDER, BAR TYPE
(VEND)	302	2	FETCO CORP.	ICE TEA BREWER
	303			SPARE NUMBER
	304			SPARE NUMBER
(VEND)	305	1	FETCO CORP.	COFFEE BREWER
	306	1	DELFIELD	REFRIGERATOR, UNDERCOUNTER
	350	1	STAR MFG.	CONVEYOR TOASTER
	351	1	COOKTEK	INDUCTION RANGE, UNDERMOUNT
	352	1	FABRICATOR	CONDIMENT BIN
	353			SPARE NUMBER
	354			SPARE NUMBER
	355	5	COOKTEK	INDUCTION RANGE, UNDERMOUNT
	356	1	FABRICATOR	CONDIMENT BIN
	357	1	DELFIELD	REFRIGERATED COUNTER, LOWBOY
	358	2	COOKTEK	INDUCTION RANGE
	359	1	CAPTIVE-AIRE	RECIRCULATING HOOD
	360	1	FABRICATOR	CONDIMENT BIN

PR	ITEM	QTY	SOURCE	DESCRIPTION
	361	2	ALTO-SHAAM	HEATED CABINET, HALF-HEIGHT
	362	1	ELKAY	UNDERMOUNT HAND SINK
	363			SPARE NUMBER
	364			SPARE NUMBER
	365	1	FABRICATOR	WORK COUNTER
	366	1	FABRICATOR	WALL SHELF
	367	1	TRAULSEN	REFRIGERATOR, REACH-IN
	400	1	RPI INDUSTRIES	HEATED MERCHANDISER
(VEND)	401	1	CONCORDIA COFFEE	ESPRESSO CAPPUCINO MACHINE
	402	2	HATCO	CONVEYOR TOASTER
	403			SPARE NUMBER
	404			SPARE NUMBER
	405	1	TRAULSEN	REACH-IN DUAL TEMP CABINET,
	406	2	FABRICATOR	TRASH CHUTE
	407	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	407.1	1	COLDZONE	REMOTE CONDENSER UNIT
	408	1	RPI INDUSTRIES	MERCHANDISER, OPEN
	408.1	1	COLDZONE	REMOTE CONDENSER UNIT

HILTON
HERB N KITCHEN
PROTOTYPE

VOLUME II

MANUFACTURER'S EQUIPMENT SPECIFICATION SHEETS

OLYMPUS AIR SCREEN

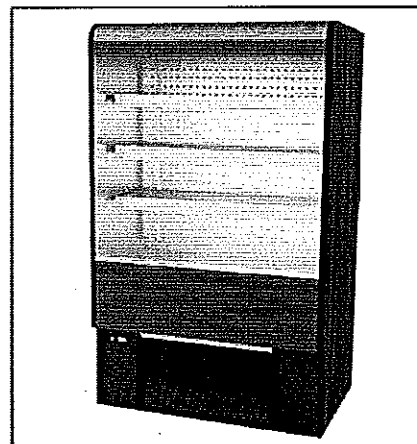
PROJECT: _____

ITEM: _____

QUANTITY: _____

MODEL # SCAS**SPECIFICATIONS**

The Olympus Air Screen SCAS Series is a grab and go style refrigerator. The self-contained refrigeration system includes digital controls allowing unit to engage in minimal defrost cycles. Front mounted red indicator light alerts operator if condensing unit requires cleaning. Unique baffled compressor housing for front air intake, top rear air discharge reducing noise levels plus zero clearance from wall installation. Unit comes standard with 3 adjustable extra deep shelves and is available with T5 fluorescent lights or optional energy efficient LED lighting underneath shelving.



Available lengths: ☐ 36" ☐ 48" ☐ 60" ☐ 72" ☐ 84" ☐ 96"

Available depths: ☐ 32" ☐ 29 3/4" with rear doors

Available heights: ☐ 78"



Conforms to NSF STD 7
TYPE II

STANDARD FEATURES

- DOE 2012 Compliant
- Self-Contained Refrigeration
- Rounded Top Canopy
- Metal Frame Base Construction with Lift-Out Black Louvered Air Grill for Easy Access to Compressor
- Standard Grade Laminate Exterior
- Brushed Stainless Steel Interior Ends
- Stainless Steel Perforated Interior Back Panel
- T5 Quick Snap-In Top Canopy Light
- (3) Adjustable Stainless Steel Extra Deep Shelves for Maximum Capacity, with T5 Quick Snap-In Lights
- Removable Stainless Steel Deck Pan with Hemmed Edge to Contain Spills
- Pull Down #23 Econo Frost Night Curtain
- Electronic Digital Control and Defrost Termination
- Red Indicator Light Alerts Operator if Condenser Requires Cleaning
- Digital Temperature Display
- Unique Internal Baffle Design for Compressor Noise Reduction
- Front Air Intake with Top Rear Air Discharge for Zero Clearance
- Easy Slide-Out Condensing Unit (4', 5', 6', 7' & 8' Units)
- 8' Cord and Plug
- ETL Listed in Accordance with UL 471 and NSF 7 Standards
- Conforms to NSF STD 7 Type II Refrigeration
- Environmentally Safe Refrigerant
- 1 Year Parts and Labor Warranty
- Floor Drain Required

OPTIONAL FEATURES

- ☐ Green Screen
- ☐ Remote Refrigeration
- ☐ Front Decorative Panels (Remote Refrigerated Units Only, Consult Factory)
- ☐ Special Laminates
- ☐ Miscellaneous Trim
- ☐ Promolux Lighting (Low UV)
- ☐ Energy Efficient LED Lighting
- ☐ Wire Shelves
 - ☐ Brass ☐ White ☐ Black ☐ Chrome
- ☐ Mirrored Polished Stainless Steel Shelves (#8 Finish)
- ☐ Gravity Feed Shelving
- ☐ U Shape Front Shelf Merchandiser
- ☐ Casters (Increases Height by 6")
- ☐ Adjustable Legs (Consult Factory for Sizes)
- ☐ Powder Coated Interior Back Panel and Hardware
 - ☐ Black ☐ White ☐ Custom Color
- ☐ Mirrored Polished Stainless Steel Interior Ends (#8 Finish)
- ☐ Mirrored Polished Stainless Steel Perforated Interior Back Panel (#8 Finish)
- ☐ Finished Back with Black Air Grill
- ☐ Stainless Steel Louvered Air Grill
- ☐ Solid Insulated Rear Sliding Doors
- ☐ See-Through Insulated Rear Sliding Doors
- ☐ Insulated Glass Vision End Panels
- ☐ Removable Locking Security Panels
- ☐ Roll Down Locking Security Cover
- ☐ Fold Down Stainless Steel V-Ribbed Tray Slide
- ☐ Fold Down Corian® Tray Slide
- ☐ Stationary Corian® Tray Ledge
- ☐ Tie-In Strips for Interconnection of Units
- ☐ Thermometer
- ☐ 5 Year Compressor Warranty

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

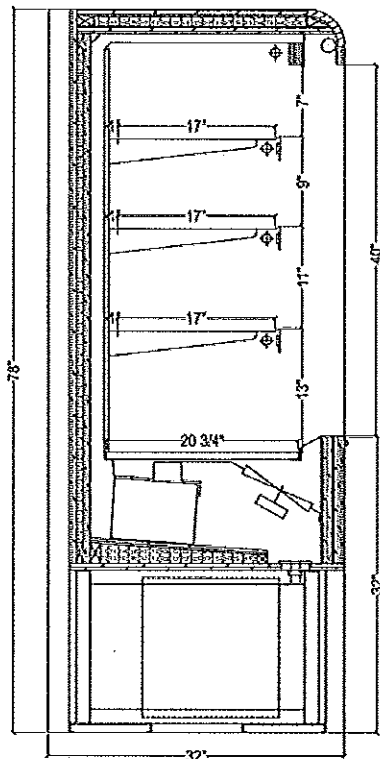


INDUSTRIES, INC. v1.13
NEXT STEP DESIGN

OLYMPUS AIR SCREEN

PROJECT: _____

TOLL FREE: 800-525-3692

MODEL # SCAS

NOTE: A minimum of 18" clearance needed above unit for air discharge for self contained units.

SELF - CONTAINED

MODEL	L	D	H	HP	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R	36	32	78	1/2	115	12.9	5-20P	675	134A
SCAS48R	48	32	78	3/4	115/208-230 4 wire	11.5	L14-30P	900	404A
SCAS60R	60	32	78	1 1/4	115/208-230 4 wire	12.7	L14-30P	1020	404A
SCAS72R	72	32	78	1 1/4	115/208-230 4 wire	13.0	L14-30P	1150	404A
SCAS84R	84	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1225	404A
SCAS96R	96	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1400	404A

AMBIENT

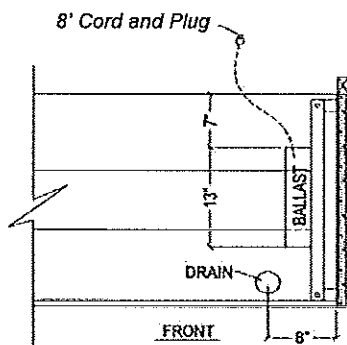
MODEL	L	D	H	VOLT	AMP	PLUG	WT
SCAS36D	36	32	78	115	0.5	5-15P	625
SCAS48D	48	32	78	115	0.7	5-15P	800
SCAS60D	60	32	78	115	1.0	5-15P	920
SCAS72D	72	32	78	115	1.2	5-15P	1050
SCAS84D	84	32	78	115	1.4	5-15P	1093
SCAS96D	96	32	78	115	1.4	5-15P	1268

REMOTE - REFRIGERATED

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R-RR	4140	115	1.3	5-15P	625	Verify
SCAS48R-RR	7470	115	2.0	5-15P	800	Verify
SCAS60R-RR	9960	115	2.2	5-15P	920	Verify
SCAS72R-RR	9960	115	2.4	5-15P	1050	Verify
SCAS84R-RR	11,400	115	3.0	5-15P	1093	Verify
SCAS96R-RR	11,400	115	3.0	5-15P	1268	Verify

GLYCOL

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	GPM	REFRIG.
SCAS36R-RR-GL	4140	115	1.3	5-15P	625	1.0	GLYCOL
SCAS48R-RR-GL	7470	115	2.0	5-15P	800	2.0	GLYCOL
SCAS60R-RR-GL	9960	115	2.2	5-15P	920	2.5	GLYCOL
SCAS72R-RR-GL	9960	115	2.4	5-15P	1050	2.5	GLYCOL



Conforms to UL Standard 471,
and NSF Standard 7; Certified
To CSA Standard C22.2 No.120



RPI refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2012 energy efficiency standards

Electrical & Plumbing locations

1. All Self-Contained, Remote and Glycol Units must be run to a floor drain at time of installation.
2. Refrigeration System is designed so air will flow front to rear. Unobstructed air flow must be maintained to ensure unit performance and maintain warranty.
3. The SCAS merchandiser is designed for use in stores where ambient temperatures and humidity do not exceed 80 Degrees Fahrenheit and 60% R.H. Locate away from direct sunlight, rapid air currents and extreme temperature changes. Exposure to air currents from ceiling fans, air conditioning diffusers, ovens, etc. will disrupt the case air curtain and refrigerated zone. Refrigerated Displays are designed to maintain pre-chilled products. Adding or loading warm products above 41 Degrees Fahrenheit can affect the temperature in the entire cabinet. Any adverse field conditions stated above will void warranty.

RPI in line with its policy to continually improve its products reserves the right to change materials and specifications without notice.

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, N.J. 08055

Hilton Herb N Kitchen-Prototype REV



RPI INDUSTRIES, INC.

NEXT STEP DESIGN

v1.13



UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

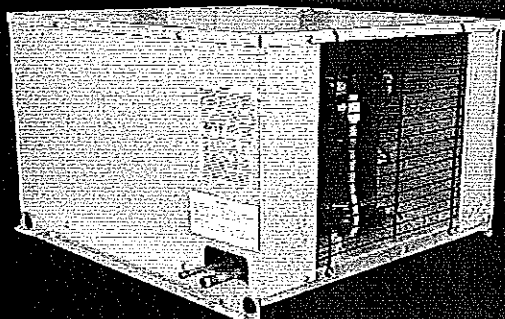
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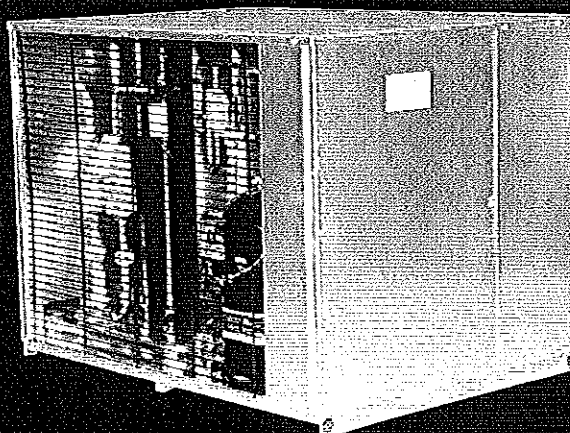
**NOW AVAILABLE
THROUGH 6 HP**

Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

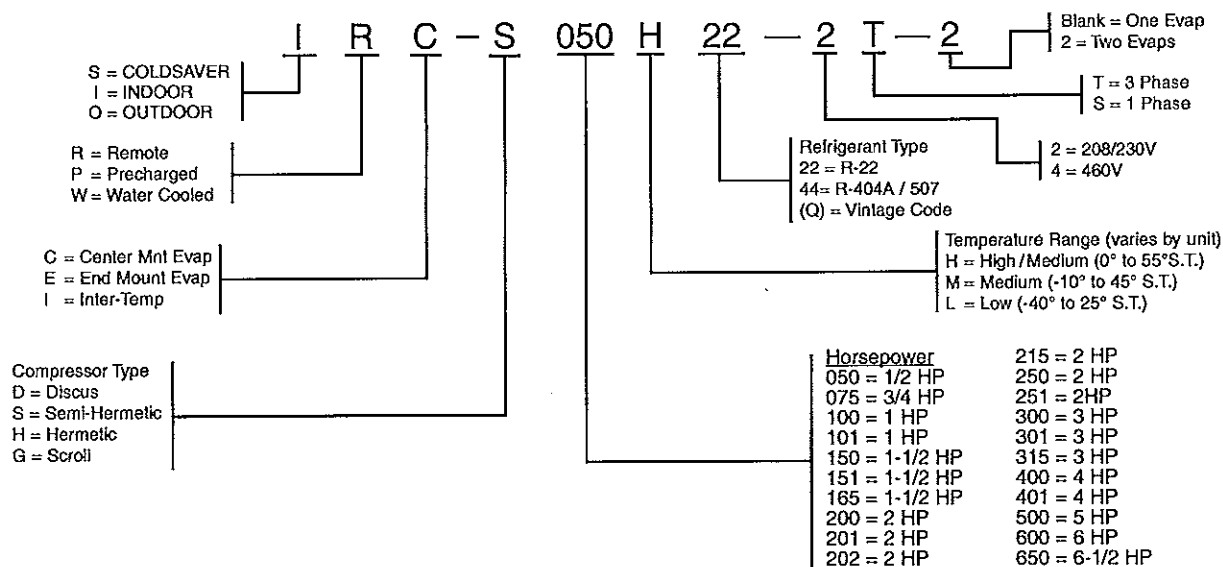
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorbert and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorbert, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorbert	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

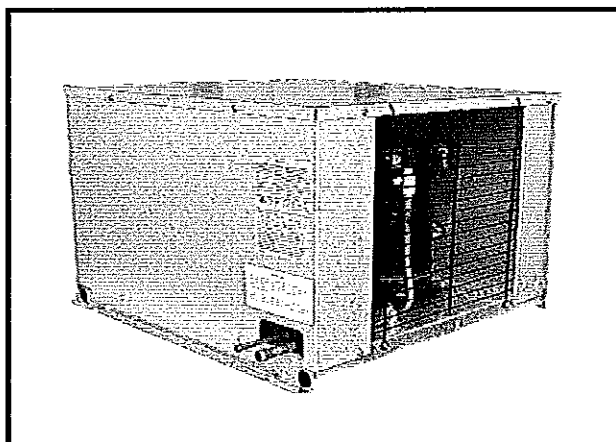
† Vibrasorbert not required for Hermetic and Scroll compressors. Vibrasorbert not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorbert required.

†† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorberts and compressor spring mounting.

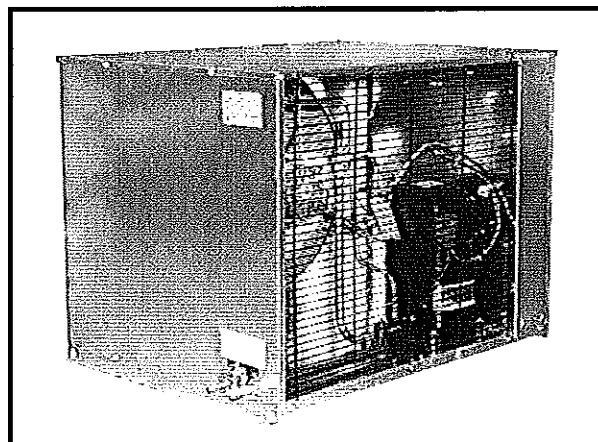
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F														LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
4 0 4 A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152	
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157	
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180	
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212	
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298	
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320	
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410	
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425	
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152	
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157	
2 2	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180	
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195	
	*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
	*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170	
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175	
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180	
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240	
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260	
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345	
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380	
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410	
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425	

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
22	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
22	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

*S050H22	0.5	4930	4100	3700	3330	2650	2070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	-----	-----	-----	-----	-----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S400M22	4	-----	-----	31500	28300	22400	17800	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S500M22	5	-----	-----	50600	45500	36300	29000	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	-----	-----	-----	-----	-----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	-----	-----	-----	-----	-----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	-----	-----	-----	-----	-----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	-----	-----	-----	-----	-----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	-----	-----	-----	-----	-----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	-----	-----	-----	-----	-----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	-----	-----	-----	-----	-----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*S050M44	HAK-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	-----	-----	-----	-----	-----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	-----	-----	-----	-----	-----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	-----	-----	-----	-----	-----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300M44	ERF-031E	-----	-----	-----	-----	-----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	-----	-----	-----	-----	-----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	-----	-----	-----	-----	-----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	-----	-----	-----	-----	-----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	-----	-----	-----	-----	-----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	-----	-----	-----	-----	-----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	-----	-----	-----	-----	-----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	-----	-----	-----	-----	-----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	-----	-----	-----	-----	-----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	-----	-----	-----	-----	-----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	-----	-----	-----	-----	-----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	-----	-----	-----	-----	-----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

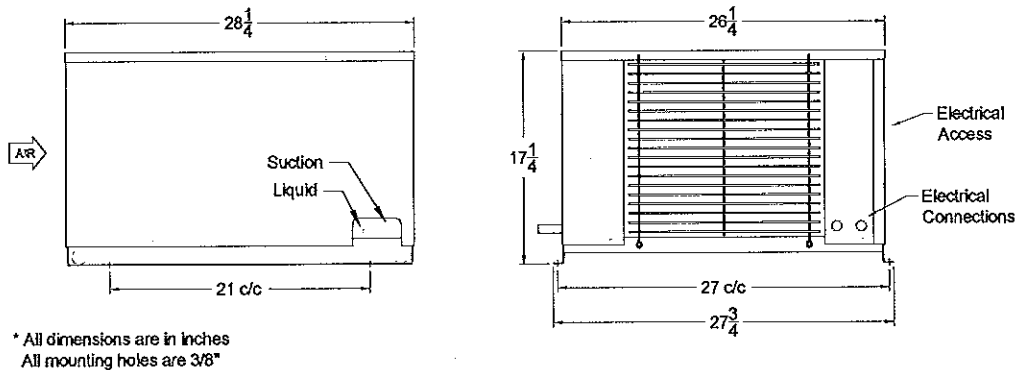
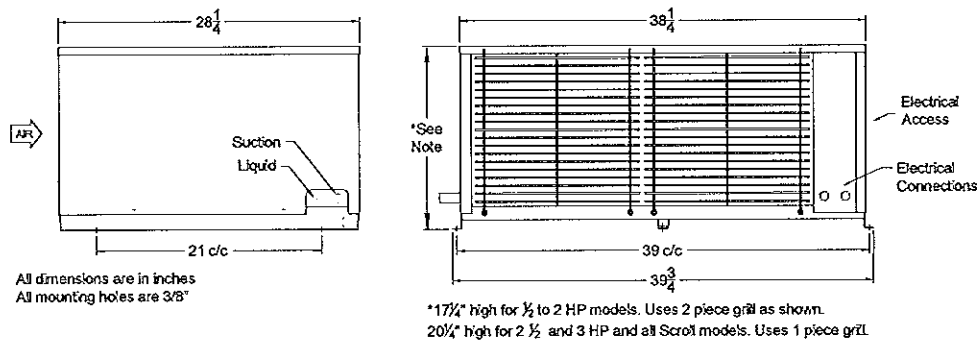
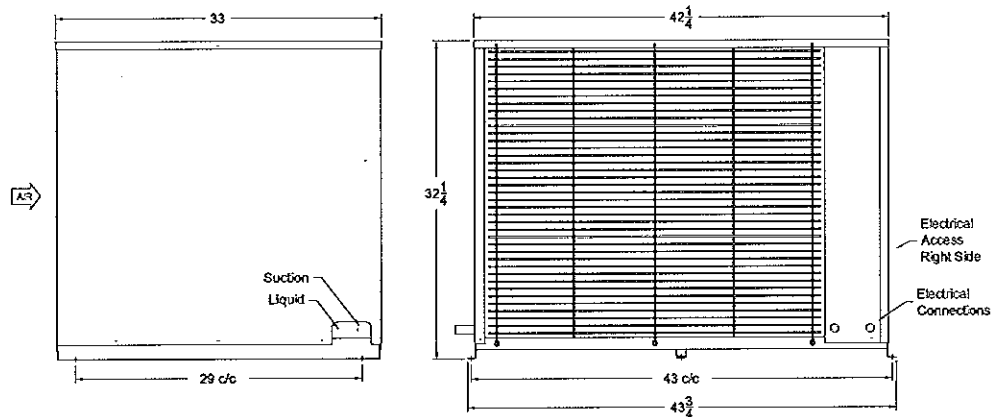
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500



Project Name _____

Item No. _____

Quantity _____

Built-In 30"W. Full-Height Wine Cellar

STANDARD FEATURES

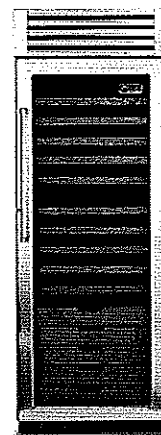
All models include:

- Capacity – accommodates up to 150 full-size bottles
 - » 84"H./24"D.
- Exclusive TriTemp™ storage system
 - » Three independent temperature zones
 - » Settings are adjustable in each zone from 43°F (6.1°C) to 65°F (18.3°C)
 - » Electronic control center maintains set temperature within 1.5°F (0.83°C)
- Exclusive glass control pad
- Versatile shelving system stores standard, magnum, and half-size bottles
- Two convertible wine shelves adjust to allow for bottle display
- Solid maple wood facings provide additional ultraviolet protection, and may be finished to coordinate with surrounding cabinetry
- Coated wine shelves reduce vibration and hold bottles in place
- Shelves are fully removable for easy cleaning
- Ultraviolet-resistant tempered glass and black interior protect wine from harmful light
- Low-intensity lighting displays wine with minimal heat and light output
- Lower zone with raised wood facings
- High temperature alarm
- Door open alarm
- Home security system connection
- Dual magnet and spring assist door closure mechanism
- Keyed door lock
- Adjustable door stays standard – 90° 110° or 120°
- Power interruption switch
- Top-mounted and front-venting sealed refrigeration system
- Lower kickplate
- Must be ordered right or left hinge

(As you face unit, RIGHT has hinge on right side and handle on left side; LEFT has hinge on left side and handle on right side.)

FINISH DETAILS FOR VCWB MODEL

- Clear and fluted glass doors
- Stainless Steel (SS) – stainless steel frame around large window door, stainless steel handle with chrome-plated brackets, and black interior.
- Brass Trim Option (BR) – nameplate, handle/brackets. Brass components have a durable protective coating for maintenance-free normal use.



VCWB300

INSTALLATION NOTES AND ACCESSORIES

SIDE PANEL KITS

- Stainless steel (SS)
- Panels provide finished freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Side Panel Kits		
Model	Description	Approx. Ship Wt. Lbs. (kg)
PSSPL2	Professional Side Panel Left	45 (20.2)
PSSPR2	Professional side panel right	45 (20.2)

TOP PANEL KIT

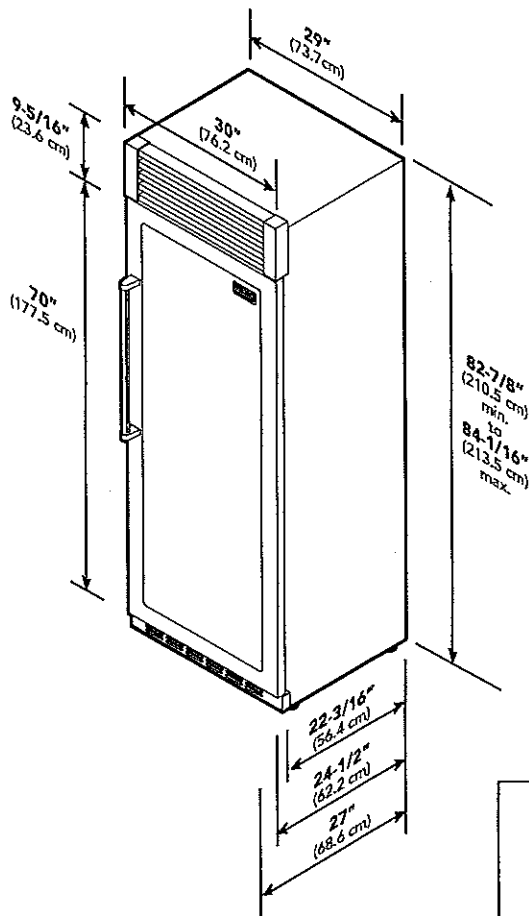
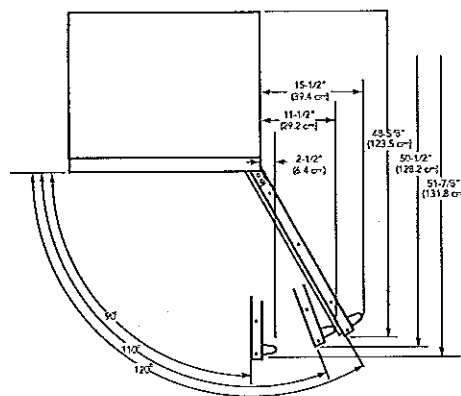
- Stainless steel (SS)
- Panels provide finished freestanding look; unit must still be secured to the wall
- Kit includes one panel and installation hardware

Top Panel Kit		
Model	Description	Approx. Ship Wt. Lbs. (kg)
TOP-30	30"W. top panel	21 (9.5)

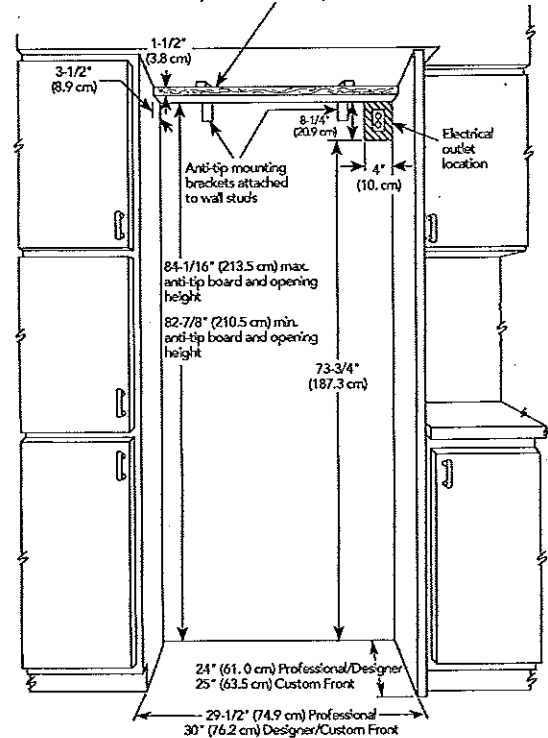


Project Name _____

Item No. _____

VCWB300
PROFESSIONAL

2" x 4" Mounting Board (1-1/2" (3.8 cm) x 3-1/2" (8.9 cm))
Attached to anti-tip mounting bracket
Note: If unit is installed deeper than 24" (61.0 cm), then
shim behind anti-tip bracket thickness by the same amount

**ORDERING INSTRUCTIONS**

First specify model number. If ordering special fluted or solid door ("F" for fluted or "D" for solid), specify immediately after model number (VCWB300F). Next, specify hinge preference ("R" for right or "L" for left), and then color code (VCWB300FRSS).

Cutout Width: 29½" (74.9 cm)

Cutout Depth: 24" (61.0 cm)

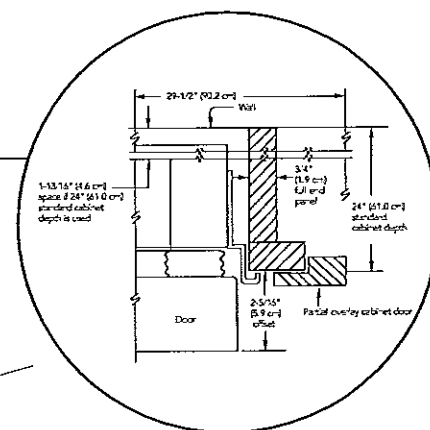
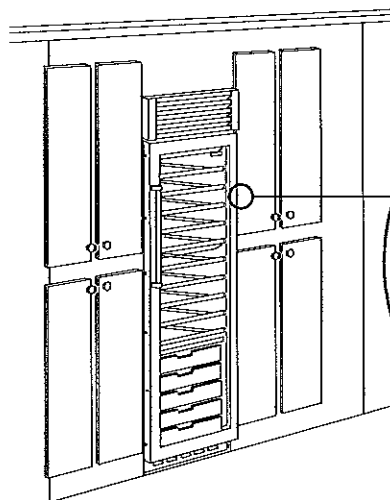
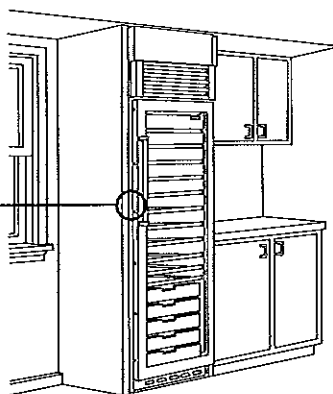
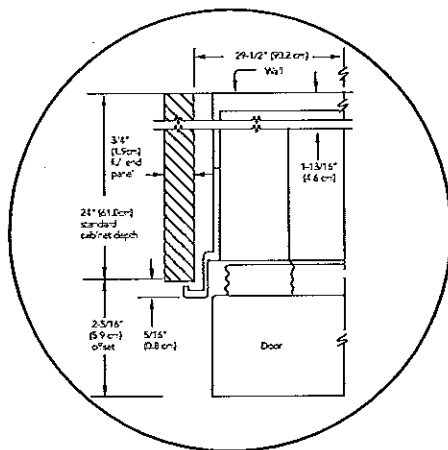
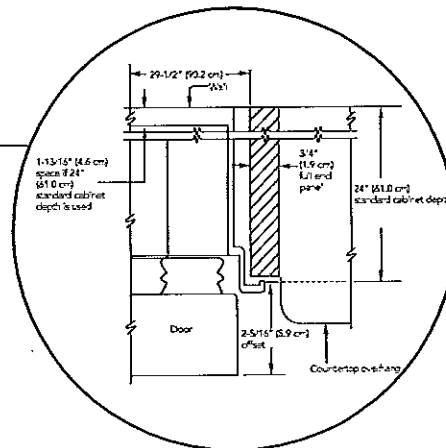
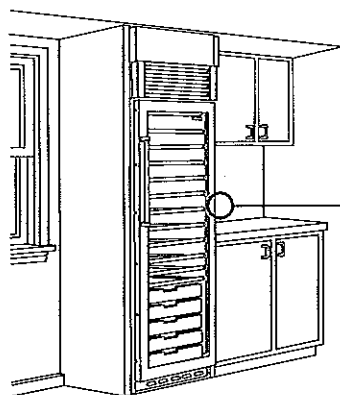
Overall Depth (from rear)

- To front edge of side trim: 22⅜" (56.4 cm)
- To front of top grille: 24½" (62.2 cm)
- To front of handle: 27" (68.6 cm)



Project Name _____

Item No. _____



Compliance Information



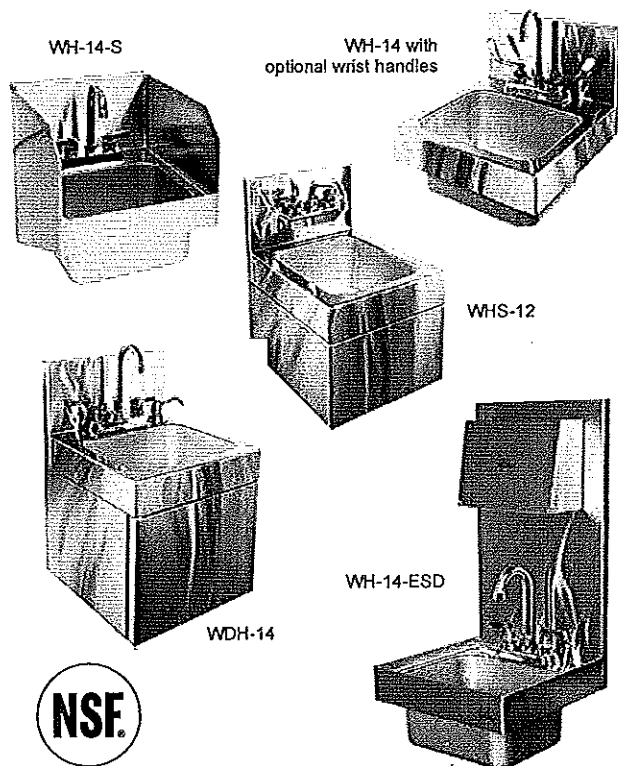
ELECTRICAL REQUIREMENTS

- Three-wire cord with grounded three-prong plug attached to product.
- 115 VAC/60 Hz; 15 amp dedicated circuit.
- Maximum amp usage 2.0.

Viking Range Corporation, Commercial Division 1511-C E. Orangethorpe Ave. Fullerton, California 92831 (877) 307-8877 vikingcommercial.com

Glastender®

A family company manufacturing in the USA



All faucets are NSF/ANSI 61, Annex G low lead compliant

Project: _____	AIA# _____
Item #: _____ Qty: _____	SIS# _____
Model #: _____	

Wall-Hung Hand Sinks

see reverse side for model numbers

Standard Features

- Manufactured with total welded construction to meet all NSF* standards
- All stainless steel construction
- 9-1/4" by 11-1/2" by 6" deep sink bowl
- Includes wall mounting bracket
- Includes 1-1/2" IPS drain fitting
- Heavy-duty faucet is standard (available less faucet by adding the suffix '-LF' to the model number)
- Left and right side splashes available as an accessory
- Model WH-12 and WHS-12 include a special backsplash faucet mounting bracket for easy removal and inspection of faucet after installation
- Models WH-14-S and WHS-14-S include integral left and right side splashes, featuring radius worksurface corners for easy cleaning and a front lip to contain splashes
- Model WDH-14 includes built-in soap and C-fold paper towel dispensers
- Model WH-14-ESD includes a 1" deep recessed work surface with extra tall backsplash to contain splashes, and soap and papertowel dispenser

Specifications

Drains

- 1-1/2" I.P.S. Threaded drain will fit Dearborn part #8033 slipnut and part #W-573P washer.

Faucet

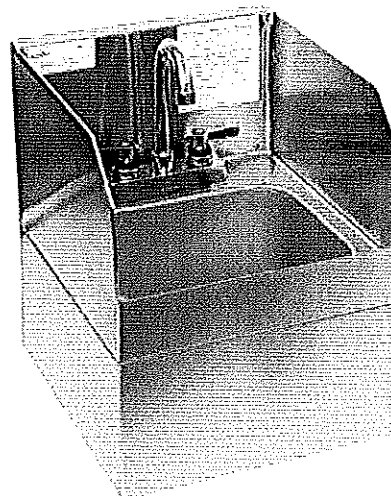
- Deck mount on 4" centers, accepts 3/8" sink leads, hot and cold water connections required (except model WH-12 and WHS-12)
- Model WH-12 and WHS-12: Backsplash mounted on 4" centers, accepts 3/8" sink leads, hot and cold water connections required

Sink Bowl Dimensions

- 9-1/4" by 11-1/2" by 6" deep

Materials

- 20 gauge stainless steel parts include: all components unless otherwise noted
- 18 gauge stainless steel parts include: wall mounting bracket



Model WHS-14-S featuring integral side splashes, radius worksurface corners for easy cleaning and a front lip to contain splashes

Glastender, Inc. • 5400 North Michigan Road • Saginaw, MI • 48604-9780
989.752.4275 • 800.748.0423 • Fax 989.752.4444
www.glastender.com

Approval/Notes:

Specifications subject to change without notice. For current specifications please visit our website.

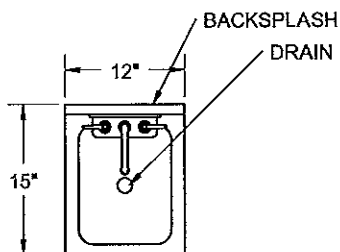
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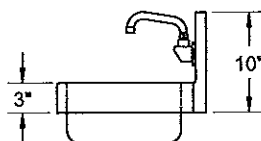
Rev. 12-08-11

Wall-Hung Hand Sinks

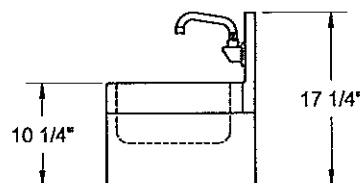
Dimensional Information



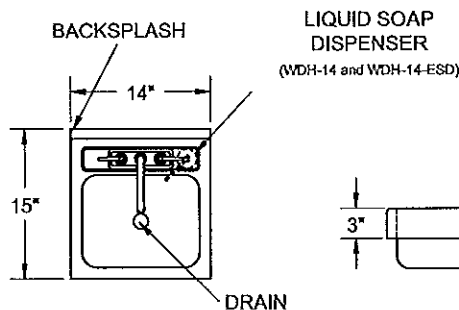
PLAN VIEW
(all 12" models)



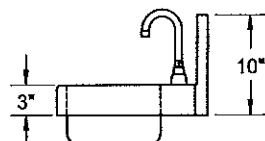
WH-12
SIDE VIEW



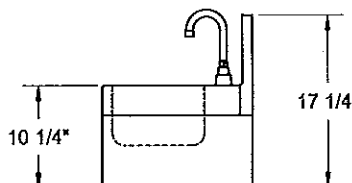
WHS-12
SIDE VIEW



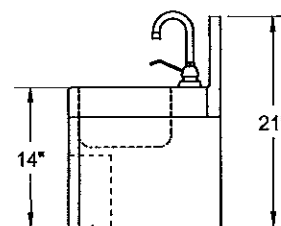
PLAN VIEW
(all 14" models)



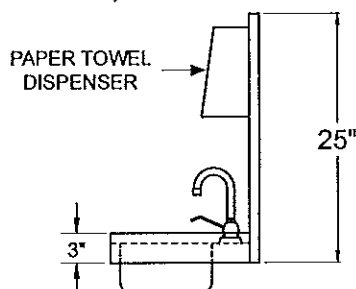
WH-14
SIDE VIEW



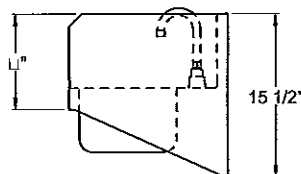
WHS-14
SIDE VIEW



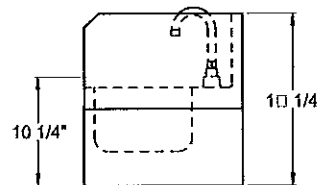
PAPER TOWEL
DISPENSER
WDH-14
SIDE VIEW



WH-14-ESD
SIDE VIEW

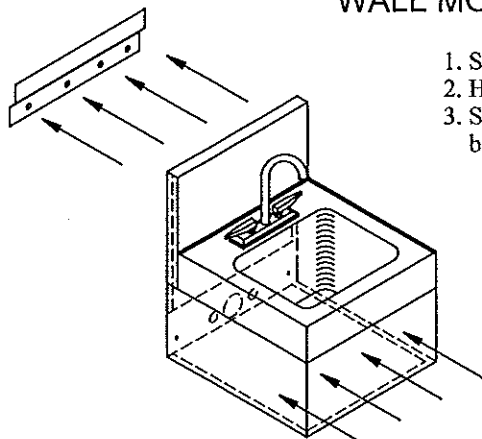


WH-14-S
SIDE VIEW



WHS-14-S
SIDE VIEW

WALL MOUNTING INSTRUCTIONS



1. Secure bracket to wall.
2. Hang sink on bracket.
3. Screw sink to wall through bracket on bottom back of sink.



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THIS ITEM IS: SPARE NUMBER

- ☒ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING
- ☐ WHERE SHOWN
- ☐ RELOCATED
- ☐ MODIFIED
- ☐ N.I.K.E.C. BY:
 - ☐ OWNER
 - ☐ SUPPLIER / VENDOR
 - ☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

- ☒ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING
- ☐ WHERE SHOWN
- ☐ RELOCATED
- ☐ MODIFIED
- ☐ N.I.K.E.C. BY:
 - ☐ OWNER
 - ☐ SUPPLIER / VENDOR
 - ☐ OTHERS

REMARKS:

THIS ITEM IS: POS-CASH REGISTER

- ☐ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☒ N.I.K.E.C. BY:

☒ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: POS-PRINTER

- ☐ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☒ N.I.K.E.C. BY:

☒ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SNEEZE GUARD

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:



GLO-RAY® BUILT-IN HEATED SHELVES

Models GRSB-24-F, -I, -O, -30-F, -I, -O, -36-F, -I, -O, -42-F, -I, -O, -48-F, -I, -O, -54-I, -60-F, -I, -O, -66-I, -72-F, -I, -O
GRSBF-24-F, -I, -S, -O, -30-F, -I, -S, -O, -36-F, -I, -S, -O, -42-F, -I, -S, -O, -48-F, -I, -S, -O, -60-F, -I, -S, -O, -72-F, -I, -S, -O

The Hatco Glo-Ray® Built-in Heated Shelf has a hardcoat aluminum top and blanket type foil element for uniform heat. Fiberglass insulation keeps heat at the holding surface while a built-in adjustable thermostat controls surface temperature. Recommended for use in metallic counters. For other surfaces, verify that the material is suitable for temperature up to 200°F (93°C). Hatco is not responsible for counter damage caused by heat from the warmer.

FLEXIBILITY

Ideal for pass-through areas, buffet lines or as a heated work shelf.

The Built-in Heated Shelf models feature a hardcoated aluminum top and blanket-type foil element for uniform heat distribution. Available as flush top or .5" (13 mm) recessed models.

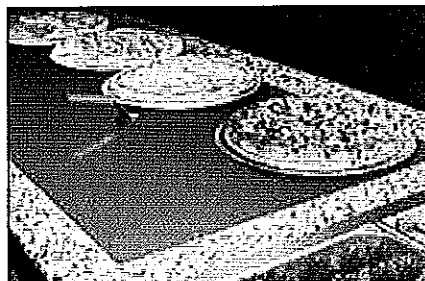
A 3' (914 mm) flexible conduit channels the power lines from the shelf to a remote control enclosure. The control enclosure comes with a control thermostat with a range of 80° to 181°F (27° to 83°C), an illuminated on/off switch and mounting brackets. The attached control enclosure can be mounted remotely up to 3' (914 mm) from the unit. A 6' (1829 mm) cord and plug is attached to easily reach the power source.

The Built-in Heated Shelf has a .75" (19 mm) flanged edge that allows the unit to fit into a countertop opening. The Heated Shelf is easy-to-clean with a soft damp cloth or non-abrasive cleaner.

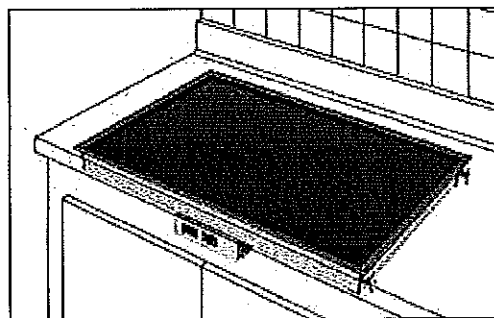
QUALITY

The following features assure the finest performance for years to come:

- All models feature a thermostatically-controlled heated base to extend the holding times of most food.
- GRSB models available in widths from 24" to 72" (610-1829 mm) and depths of 15.5", 19.5", or 30" (394, 495, or 762 mm).
- GRSBF models are available in widths from 25.5" to 73.5" (648-1867 mm) and depths of 17", 21", 25.5", or 31.5" (432, 533, 648, or 800 mm).



Model GRSBF-72-O
with accessory pizza pans



Model GRSB-30-I

GRSB/GRSBF Countertop Cut-Out Dimensions

Item	Minimum Width	Maximum Width	Minimum Depth	Maximum Depth
GRSB-24-F/GRSBF-24-F	24.5" (622 mm)	24.75" (629 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-24-I/GRSBF-24-I	24.5" (622 mm)	24.75" (629 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-24-S	24.5" (622 mm)	24.75" (629 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-24-O/GRSBF-24-O	24.5" (622 mm)	24.75" (629 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-30-F/GRSBF-30-F	30.5" (775 mm)	30.75" (781 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-30-I/GRSBF-30-I	30.5" (775 mm)	30.75" (781 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-30-S	30.5" (775 mm)	30.75" (781 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-30-O/GRSBF-30-O	30.5" (775 mm)	30.75" (781 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-36-F/GRSBF-36-F	36.5" (927 mm)	36.75" (933 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-36-I/GRSBF-36-I	36.5" (927 mm)	36.75" (933 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-36-S	36.5" (927 mm)	36.75" (933 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-36-O/GRSBF-36-O	36.5" (927 mm)	36.75" (933 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-42-F/GRSBF-42-F	42.5" (1080 mm)	42.75" (1086 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-42-I/GRSBF-42-I	42.5" (1080 mm)	42.75" (1086 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-42-S	42.5" (1080 mm)	42.75" (1086 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-42-O/GRSBF-42-O	42.5" (1080 mm)	42.75" (1086 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-48-F/GRSBF-48-F	48.5" (1232 mm)	48.75" (1238 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-48-I/GRSBF-48-I	48.5" (1232 mm)	48.75" (1238 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-48-S	48.5" (1232 mm)	48.75" (1238 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-48-O/GRSBF-48-O	48.5" (1232 mm)	48.75" (1238 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-54-I	54.5" (1384 mm)	54.75" (1391 mm)	20" (508 mm)	20.25" (514 mm)
GRSB-60-F/GRSBF-60-F	60.5" (1537 mm)	60.75" (1543 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-60-I/GRSBF-60-I	60.5" (1537 mm)	60.75" (1543 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-60-S	60.5" (1537 mm)	60.75" (1543 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-60-O/GRSBF-60-O	60.5" (1537 mm)	60.75" (1543 mm)	30.5" (775 mm)	30.75" (781 mm)
GRSB-66-I	66.5" (1689 mm)	66.75" (1695 mm)	20" (508 mm)	20.25" (514 mm)
GRSB-72-F/GRSBF-72-F	72.5" (1842 mm)	72.75" (1848 mm)	16" (406 mm)	16.25" (413 mm)
GRSB-72-I/GRSBF-72-I	72.5" (1842 mm)	72.75" (1848 mm)	20" (508 mm)	20.25" (514 mm)
GRSBF-72-S	72.5" (1842 mm)	72.75" (1848 mm)	24.5" (622 mm)	24.75" (629 mm)
GRSB-72-O/GRSBF-72-O	72.5" (1842 mm)	72.75" (1848 mm)	30.5" (775 mm)	30.75" (781 mm)



ANSI/NSF 4

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Form No. GRSB Spec Sheet

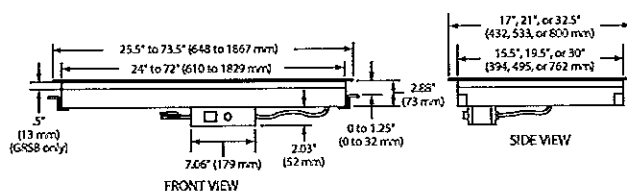
Printed In U.S.A.
August 2010

BLANKET ELEMENTS GUARANTEED AGAINST
BURNOUT AND BREAKAGE FOR ONE YEAR.

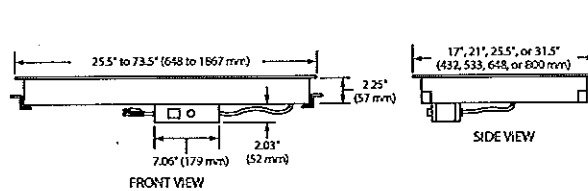


GLO-RAY® BUILT-IN HEATED SHELVES

Models GRSB-24-F, -I, -O, -30-F, -I, -O, -36-F, -I, -O, -42-F, -I, -O, -48-F, -I, -O, -54-I, -60-F, -I, -O, -66-I, -72-F, -I, -O
GRSBF-24-F, -I, -S, -O, -30-F, -I, -S, -O, -36-F, -I, -S, -O, -42-F, -I, -S, -O, -48-F, -I, -S, -O, -60-F, -I, -S, -O, -72-F, -I, -S, -O



GRSB Models Shown with Standard Control Box.



GRSBF Models Shown with Standard Control Box.

SPECIFICATIONS

Built-in Heated Shelf with Inset Top

Model	Watts	Interior Width	Shipping Weight
GRSB-24-F	420	24" (610 mm)	20 lbs. (9 kg)
GRSB-24-I	550	24" (610 mm)	22 lbs. (10 kg)
GRSB-24-O	790	24" (610 mm)	26 lbs. (12 kg)
GRSB-30-F	505	30" (762 mm)	23 lbs. (10 kg)
GRSB-30-I	665	30" (762 mm)	25 lbs. (11 kg)
GRSB-30-O	950	30" (762 mm)	28 lbs. (13 kg)
GRSB-36-F	590	36" (914 mm)	26 lbs. (12 kg)
GRSB-36-I	780	36" (914 mm)	29 lbs. (13 kg)
GRSB-36-O	1110	36" (914 mm)	32 lbs. (15 kg)
GRSB-42-F	685	42" (1067 mm)	29 lbs. (13 kg)
GRSB-42-I	885	42" (1067 mm)	32 lbs. (15 kg)
GRSB-42-O	1270	42" (1067 mm)	35 lbs. (16 kg)
GRSB-48-F	770	48" (1219 mm)	33 lbs. (15 kg)
GRSB-48-I	1000	48" (1219 mm)	36 lbs. (16 kg)
GRSB-48-O	1430	48" (1219 mm)	39 lbs. (18 kg)
GRSB-54-I	1110	54" (1372 mm)	43 lbs. (20 kg)
GRSB-60-F	950	60" (1524 mm)	45 lbs. (20 kg)
GRSB-60-I	1220	60" (1524 mm)	50 lbs. (23 kg)
GRSB-60-O	1750	60" (1524 mm)	54 lbs. (24 kg)
GRSB-66-I	1330	66" (1676 mm)	54 lbs. (25 kg)
GRSB-72-F	1130	72" (1829 mm)	52 lbs. (24 kg)
GRSB-72-I	1440	72" (1829 mm)	58 lbs. (26 kg)
GRSB-72-O	2070	72" (1829 mm)	64 lbs. (29 kg)

Built-in Heated Shelf with Flush Top

Model	Watts	Heated Width	Shipping Weight
GRSBF-24-F	420	25.5" (648 mm)	20 lbs. (9 kg)
GRSBF-24-I	550	25.5" (648 mm)	22 lbs. (10 kg)
GRSBF-24-S	700	25.5" (648 mm)	24 lbs. (11 kg)
GRSBF-24-O	790	25.5" (648 mm)	26 lbs. (12 kg)
GRSBF-30-F	505	31.5" (800 mm)	23 lbs. (10 kg)
GRSBF-30-I	665	31.5" (800 mm)	25 lbs. (11 kg)
GRSBF-30-S	825	31.5" (800 mm)	26 lbs. (12 kg)
GRSBF-30-O	950	31.5" (800 mm)	28 lbs. (13 kg)
GRSBF-36-F	590	37.5" (953 mm)	26 lbs. (12 kg)
GRSBF-36-I	780	37.5" (953 mm)	28 lbs. (13 kg)
GRSBF-36-S	950	37.5" (953 mm)	31 lbs. (15 kg)
GRSBF-36-O	1110	37.5" (953 mm)	32 lbs. (15 kg)
GRSBF-42-F	685	43.5" (1105 mm)	29 lbs. (13 kg)
GRSBF-42-I	885	43.5" (1105 mm)	32 lbs. (15 kg)
GRSBF-42-S	1100	43.5" (1105 mm)	34 lbs. (15 kg)
GRSBF-42-O	1270	43.5" (1105 mm)	35 lbs. (16 kg)
GRSBF-48-F	770	49.5" (1257 mm)	33 lbs. (15 kg)
GRSBF-48-I	1000	49.5" (1257 mm)	36 lbs. (16 kg)
GRSBF-48-S	1225	49.5" (1257 mm)	38 lbs. (17 kg)
GRSBF-48-O	1430	49.5" (1257 mm)	39 lbs. (18 kg)

DIMENSIONS

GRSB: (Interior Width + 1.5") W x 17", 21", or 31.5"D x 2.88"H
(Interior Width + 38 x 432, 533, or 800 x 73 mm).

Cutout: (Interior Width + .5" to .75") W x 16", 20", or 30.5"D
(Interior Width + 13 to 19 mm x 406, 508, or 775 mm).

GRSBF: (25.5" to 73.5") W x 17", 21", 25.5", or 31.5"D x 2.25"H
(648 to 1867 x 432, 533, 648, or 800 x 57 mm).

Cutout: (Width - .75" to 1") W x 16", 20", 24.5", or 30.5"D
(Width - 19 to 25 mm x 406, 508, 622, or 775 mm).

VOLTAGE

All models ending in -F and -I and models 24" through 48"
(610-1219 mm) wide ending in -S and -O: 120 volts,
single phase only, NEMA 5-15P.

Models 60" through 72" (1524-1829 mm) wide ending in -S
and -O: 120 volts, single phase only, NEMA 5-20P.

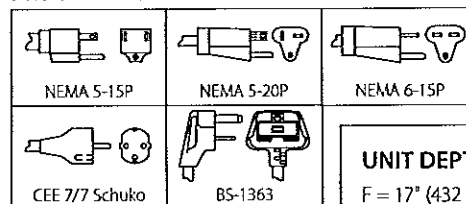
GRSB-72-O and GRSBF-72-O: 208 or 240 volts,
single phase only, NEMA 6-15P.

Export voltages available.

CORD LOCATION

End of Remote Enclosure.

PLUG CONFIGURATIONS



UNIT DEPTH CODES:

F = 17" (432 mm)
I = 21" (533 mm)
S = 25.5" (648 mm)
O = 31.5" (800 mm)

Built-in Heated Shelf with Flush Top

Model	Watts	Heated Width	Shipping Weight
GRSBF-60-F	950	61.5" (1562 mm)	45 lbs. (20 kg)
GRSBF-60-I	1220	61.5" (1562 mm)	50 lbs. (23 kg)
GRSBF-60-S	1500	61.5" (1562 mm)	53 lbs. (24 kg)
GRSBF-60-O	1750	61.5" (1562 mm)	54 lbs. (25 kg)
GRSBF-72-F	1130	73.5" (1867 mm)	52 lbs. (24 kg)
GRSBF-72-I	1440	73.5" (1867 mm)	58 lbs. (26 kg)
GRSBF-72-S	1750	73.5" (1867 mm)	62 lbs. (28 kg)
GRSBF-72-O	2070	73.5" (1867 mm)	64 lbs. (29 kg)

OPTIONS (NOT FOR RETROFIT)

- ☐ Flush Mount Control Box Bezel in Designer Colors: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper.
- ☐ Flush Mount Electronic Control Box with Lighted Power Switch
- ☐ Flush Mount Control Box with Lighted Power Switch
- ☐ Stainless Steel Top Surface (GRSBF models only)

PRODUCT SPECS

Built-in Heated Shelf

The Heated Shelf shall be a Glo-Ray® Model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

With 24/7 parts and service assistance (U.S. and Canada only),

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. • (800) 558-0607 • (414) 671-6350
Fax (800) 543-7521 • Int'l. Fax (414) 671-3976 • www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

the Shelf shall be rated at ... watts, ... volts and be ... inches (millimeters) in overall width. It shall consist of a thermostatically-controlled heated base and a cord with plug attached.



DECORATIVE LAMPS

Models DL-400, -500, -600, -700, -725, -750, -760, -775, -800
DLH-400, -500, -600, -700, -725, -750, -760, -775, -800

Hatco Decorative Lamps provide radiant heat to briefly hold food warm at kitchen work areas, waitress pickup stations, or customer serving points, while enhancing your décor. Versatile enough for almost any location, the range of lights are available with a selection of unlimited personalizing choices. In addition to food warming, configurations for lighting (Luminaire) is offered as well.

FLEXIBILITY

The Hatco DL series offers great flexibility with standard and high watt bulbs, or lighting only applications, nine lamp shade styles, eight different mounting arrangements, four switch options, and twenty colors to customize your operation.

QUALITY

The following features assure the finest performance for years to come.

- Luminaire, Standard and High Watt bulbs available (bulb not included in unit price).
- Models available in nine lamp shade styles.
- Eight different mounting arrangements to choose from.
- Four switch options.
- Available in seven *Designer* colors: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper.
- Available in seven gloss finishes: Smooth White, Gleaming Gold, Glossy Gray, Bold Black, Radiant Red (**lampshade only**), Brilliant Blue (**lampshade only**), Clear Brushed Metal (**lampshade only**) (Special processing required)
- Available in six plated finishes: Bright Brass, Bright Nickel, Bright Copper, Antique Brass, Antique Nickel, Antique Bronze (Special processing required)
- Available for food holding and display, or lighting only applications.

NOTE: Decorative Lamps (DL and DLH Series) are non-returnable.

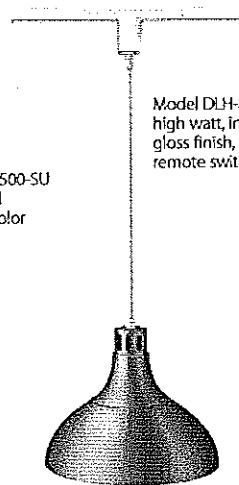


Now you can develop your own Hatco Decorative Lamp solutions with our online lamp configurator.

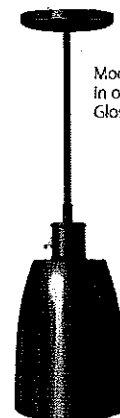
Just visit
www.hatcocorp.com
and click on "Build a Lamp".



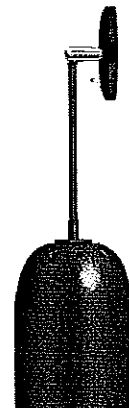
Model DL-500-SU
in optional
Designer color



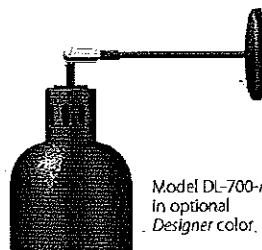
Model DLH-800-STR
high watt, in optional
gloss finish, with
remote switch



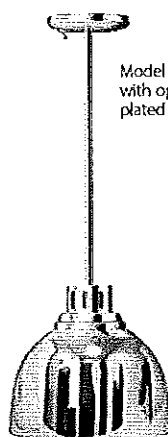
Model DL-600-SL
in optional
Gloss finish



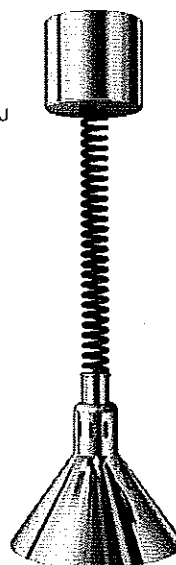
Model DL-400-PU
in optional
Designer color



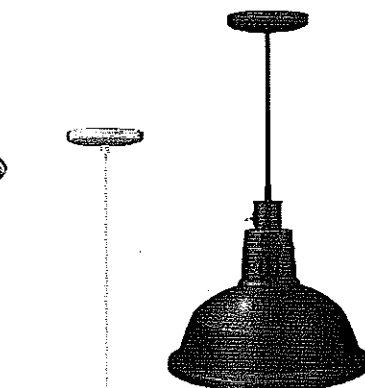
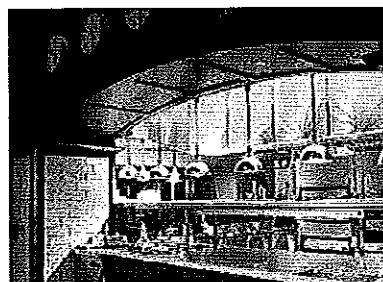
Model DL-700-AU
in optional
Designer color.



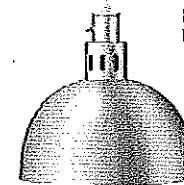
Model DL-725-SU
with optional
plated finish



Model DLH-775-RR
with optional
plated finish



Model DL-760-SL
in optional *Designer* color



Model DL-750-CL
in optional
gloss finish



HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A.
(800) 558-0607 • (414) 671-6350 • Fax (800) 543-7521 • Int'l. Fax (414) 671-3976
www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

Form No. DL Spec Sheet

Printed in U.S.A.
October 2013



DECORATIVE LAMPS

Models DL-400, -500, -600, -700, -725, -750, -760, -775, -800
DLH-400, -500, -600, -700, -725, -750, -760, -775, -800

For ordering instructions, please refer to the six steps in the Hatco Price List, go online at www.hatcocorp.com and click on "Build A Lamp" or click

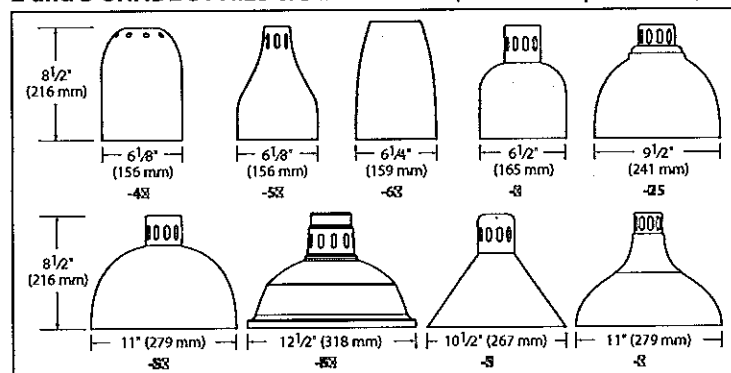
on the video library to watch "Decorator Lamp Configurator". This will best help you in choosing the correct configuration for your specific needs

1-Wattages:

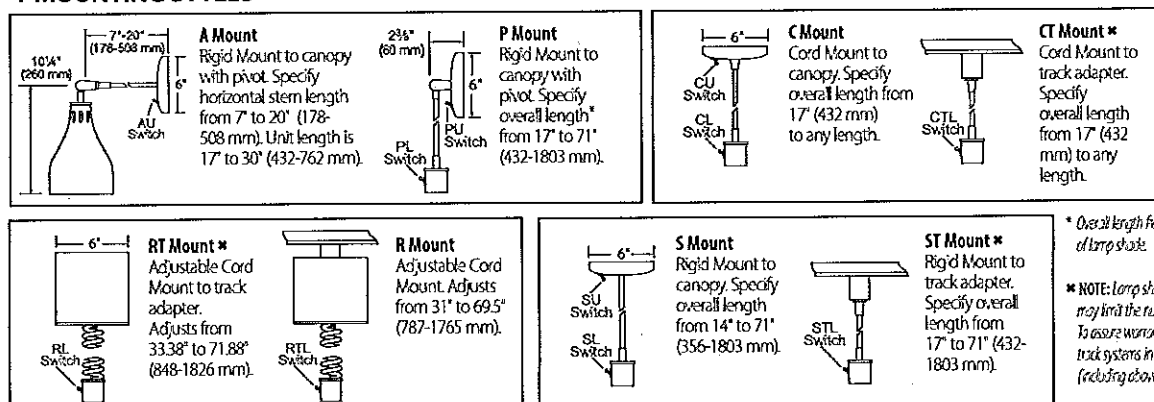
Model [▲]	Maximum Watt Bulb (Not Included)	Volts [*]	Shipping Weight
DL (Luminaire)	200	120	6-10 lbs. (3-6 kg)▼
DL (Standard)	250	120	6-10 lbs. (3-6 kg)▼
DLH (High Watt)	375	120	6-10 lbs. (3-6 kg)▼

▲ Not field convertible. * Single phase. ▼ Depending on components.

2 and 3-SHADE STYLES & DIMENSIONS (See colors in options below):



4-MOUNTING STYLES

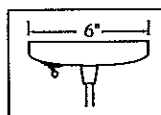


5-SWITCH LOCATIONS

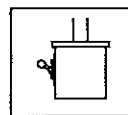
- U - Upper▼
- L - Lower▼
- R - Remote*
- N - None (supplied by installer)

- ▼ Not available on high watt models.
- ~ Not available on track mounts or R mounting style.
- Not available on A mounting style.
- ♦ Up to seven 250W lamps, or five 375W lamps maximum per remote switch.

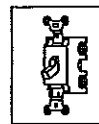
Upper Switch



Lower Switch



Remote Switch
(Accommodates 16 amps)



OPTIONS (NOT FOR RETROFIT)

- ☐ Designer Colors: Warm Red, Black, Gray Granite, White Granite, Navy Blue, Hunter Green, Antique Copper
- ☐ Gloss Finishes: Smooth White, Gleaming Gold, Glossy Gray, Bold Black (standard), Radiant Red (Lamp shade only), Brilliant Blue (Lamp shade only), Clear Brushed Metal (Lamp shade only)
- ☐ Plated Finishes: Bright Brass, Bright Nickel, Bright Copper, Antique Nickel, Antique Brass, Antique Bronze
- ☐ White Cord (Black is standard) (C and R mounts only)
- ☐ Luminaire Lighting (200W bulb maximum - not included)
- ☐ Extended Electrical Leads (SU, SL, or SR mount units only)

ACCESSORIES

- ☐ 60W Coated Clear Bulb for Luminaire models only
- ☐ 250W Uncoated and Coated Clear Bulbs
- ☐ 250W Uncoated and Coated Red Bulbs
- ☐ 375W Uncoated and Coated Clear Bulbs (120V DLH models only)
- ☐ 375W Uncoated and Coated Red Bulbs (120V DLH models only)
- ☐ 16 Amp Toggle Switch
- ☐ Track Mount Bar (Specify 4', 8', or 12' (1219, 2438, or 3658 mm) track length and color option of black or white for track and adapter) (120V only) (Maximum 1920 watts per any length track)
- ☐ Additional Track Installation and Modification Kit (Specify color option of black or white)

PRODUCT SPECS

Decorative Lamp

The Decorative Lamp shall be a Hatco Model _____ as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

With 24/7 parts and service assistance (U.S. and Canada only), the Decorative

Lamp shall be rated at _____ watts, _____ volts and be _____ inches (millimeters) in overall length. It shall consist of a vented lamp shade and mounting. Switch locations can be upper, lower, remote or supplied by installer. Bulb options are uncoated or coated, clear or red, 250W (DL models) or 375W (DLH models).

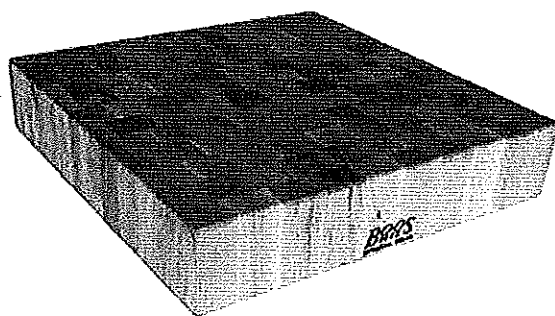
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2004-2005



Boos BlockS

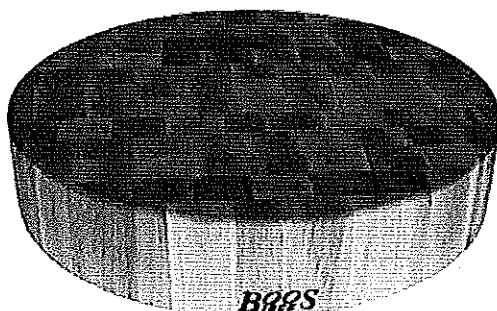
THE BLOCKS THAT MADE BOOS FAMOUS



CHOPPING BLOCKS

Non-Reversible

Model	Size	Unit Per Carton	Wt. Per Carton
CCB183-R	18" Dia.x 3"	1	27
CCB18-R	18" Dia.x 4"	1	36
CCB18-S	18"x18"x4"	1	36
CCB24-R	24"Dia.x4"	1	64
CCB24-S	24"x24"x4"	1	64
CCB3024	30"x24"x4	1	80
CCB3624	36"x24"x4"	1	96
CCB4824	48"x24"x4"	1	128



FEATURES:

- * Solid Hard Rock Maple
- * End Grain Construction

MATERIAL:

Top: Laminated Hard Rock Maple

John Boos & Co

315 South First Street - Effingham, IL 62401

Phone: 217-347-7701 - Fax: 217-347-7705

Email: sales@johnboos.com - Web-site: www.johnboos.com

X-3



F2800

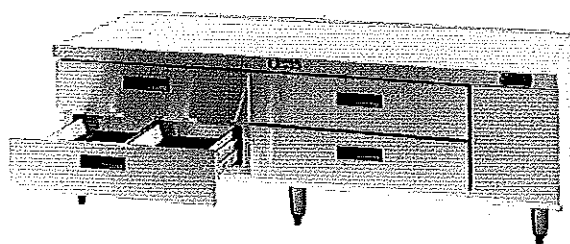
Remote Low-Profile Refrigerated Equipment Stands

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

F2800: Remote Low-Profile Refrigerated Equipment Stands

Models

- | | | | |
|---------|---------------------------------|----------|----------------------------------|
| • F2852 | 52.25" Remote low-profile stand | • F2880 | 80.25" Remote low-profile stand |
| • F2856 | 56.25" Remote low-profile stand | • F2887 | 87.25" Remote low-profile stand |
| • F2862 | 62.25" Remote low-profile stand | • F2899 | 99.25" Remote low-profile stand |
| • F2875 | 75.25" Remote low-profile stand | • F28110 | 110.25" Remote low-profile stand |



F2875

Standard Features

- Top is heavy duty stainless steel, with full perimeter marine edge
- Standard stainless steel ends
- Exterior drawer fronts are stainless steel
- High density environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane foam insulation throughout unit
- Snap-in drawer gaskets for easy removal
- Standard on legs
- Base interior cabinet is cooled with mullion style coated blower coil(s) mounted between each door/drawer section for even air and temperature control
- Electric condensate evaporators are standard
- Interior refrigerated base cabinet section to

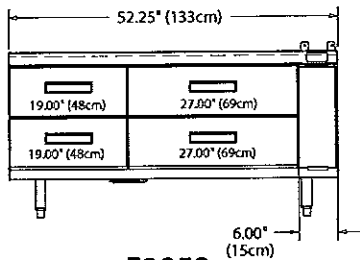
- maintain 36° to 40° meeting NSF7
- Digital thermometer
- Wall-mounted bracket to prevent tipping
- Full Extension Plus Drawer system is a complete drawer system. Drawer system is sized to hold 12" x 20" x 4" deep hotel pans (by others). The drawer system is all stainless steel construction for maximum durability
- When ordering, specify make, model and depth of cooking equipment sitting on the equipment stand
- Height of surface for setting equipment is 25.50"
- Environmentally friendly HFC-404A refrigerant
- Three year parts and labor warranty

Options & Accessories

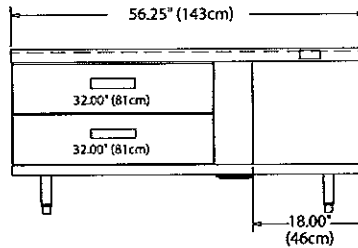
- Drawer locks
 - 230V, 50Hz electrical system*
 - Stainless steel back
 - Mechanical housing left side
 - Doors in lieu of drawers (except 32")
 - Plastic laminate end
 - Plastic laminate back
 - Plastic laminate front
- * Inclusion of this option will alter electrical specifications of the unit



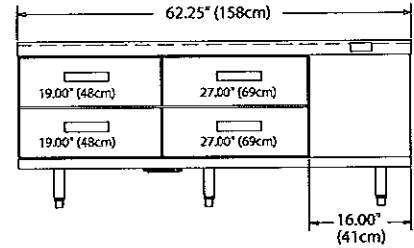
Elevation Views



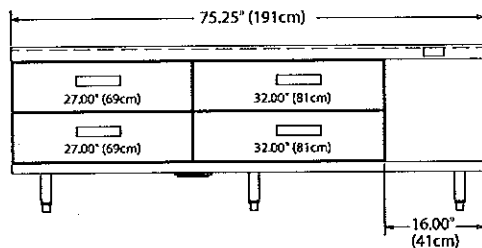
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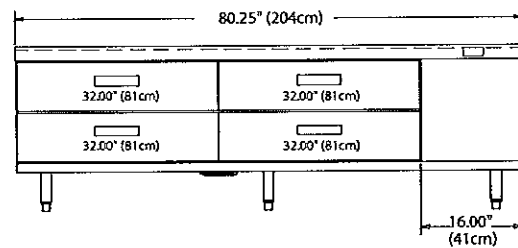
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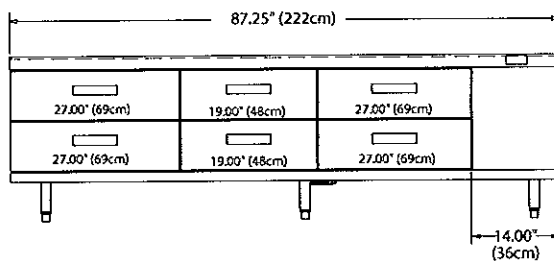
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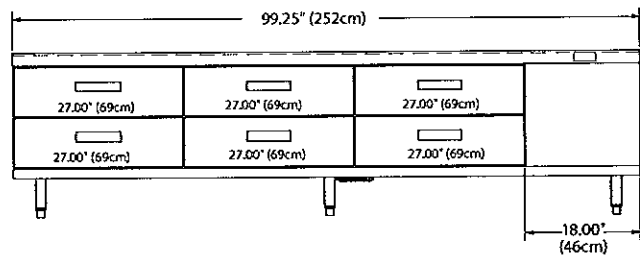
F2875



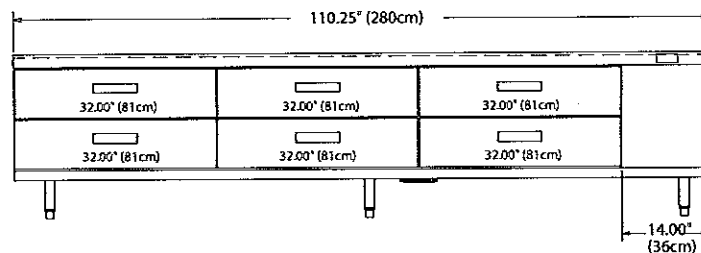
F2880



F2887



F2899

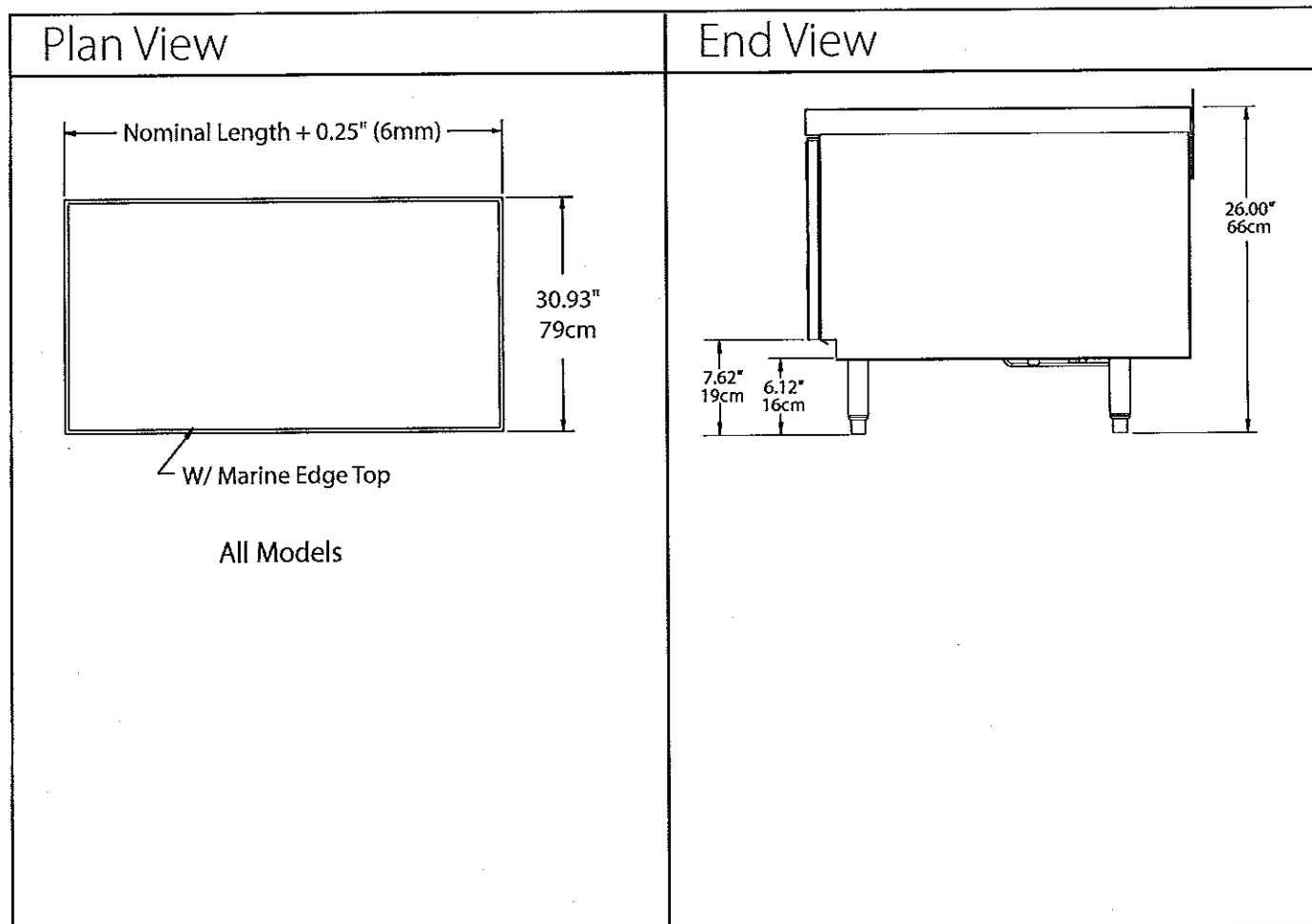


F28110

Warning

To assure proper operation a 2" airspace must be maintained between the bottom of any cooking equipment and the top of this unit. Cooking equipment must have a barrier (i.e. bottom, drip pan) between its heat source and the top of the equipment stand. Failure to comply with this could severely damage the equipment stand and void all warranties.





F2800

Specifications

Models	# Of 12x20 Pans	V/Hz/Ph	Amps	BTU Load	Evap Cap BTU/TD	Ship Weight
F2852	4	115/60/1	3.0	452	120/5°/32°	278lbs (126kg)
F2856	4	115/60/1	3.0	461	120/5°/32°	299lbs (136kg)
F2862	6	115/60/1	3.0	575	120/6°/31°	331lbs (150kg)
F2875	8	115/60/1	3.0	717	240/4°/33°	401lbs (182kg)
F2880	8	115/60/1	3.0	726	240/4°/33°	428lbs (194kg)
F2887	10	115/60/1	6.0	868	240/4°/33°	466lbs (211kg)
F2899	12	115/60/1	6.0	1029	240/5°/32°	530lbs (240kg)
F28110	12	115/60/1	6.0	1143	240/5°/32°	588lbs (267kg)

Delfield reserves the right to make changes to the design or specifications without prior notice.





F2800

Remote Low-Profile Refrigerated Equipment Stands

Specifications

Exterior top is stainless steel with full perimeter marine edge. Corners are fully welded with smooth radii corners for easy clean out. Stainless steel interior sub-top is made integral with the top by injecting 2.00" (5cm) of high density polyurethane foam between the exterior and interior tops.

Refrigerated base interior back and bottom are constructed of a stainless steel. Exterior sides, bottom and back are made of galvanized steel. Both left and right interior sides are formed of ABS plastic. The base is injected with 2.00" (5cm) of high density polyurethane foam between the exterior and interior. Refrigerated base fronts are made of 0.095" (2mm) thick ABS thermoformed plastic and backed up by ridged polyurethane water blown injection molded frames. The frames are an excellent thermo-break and superior structural material for fastening doors and drawers. Exterior machine compartment side is constructed of galvanized steel.

Finished stainless steel ends are standard. Louver, coil panel and drawer faces are all standard with stainless steel construction. Units are supplied with wall-mounted bracket and threaded rod to allow installation of the unit against a solid surface.

Full Extension Plus drawer system is a complete drawer system, which can operate independent of the unit it's installed in. Drawer system is sized to hold 12" x 20" x 4" deep hotel pans and smaller fractional pans. Drawer system is all stainless steel construction for maximum durability. Drawer track rollers are made of Delrin and do not require grease for operation. Intermediate tracks are removable without tools and house Delfield's "anti-friction binary roller system". Drawer boxes are designed with "easy pan grip flanges". Tracks are designed with a stay shut feature that holds the drawer gasket tight to the base front on uneven floors. Exterior drawer fronts are made of stainless steel; and an interior made of ABS plastic with formed in channels to house the snap-in dart style santoprene gasket. A galvanized brace is foamed in place to be an integral part

of the drawer front assembly. Each drawer front is injected with 1.87" (5cm) of high density polyurethane foam between the exterior and interior. Handles are recessed black plastic and held in with a positive lock system.

Unit is supported with two leg rails that run the entire length of the unit. Leg rails are welded to the bottom side of the unit and are tied together with two braces running front to back. 6.12" (16cm) adjustable stainless steel legs are mounted as standard with (4) 5/16" bolts.

Refrigeration system components are HFC-404A. Interior cabinet is cooled with mullion style blower coils (coated) mounted between each door/drawer section for very even air and temperature control. Models have a solenoid valve and thermostat installed in the machine compartment. The thermostat has a splash resistant enclosure. The digital thermometer with stainless steel guard is located in the top nosing above the machine compartment removable access panel (standard on right).

Electrical connections are 115V-60H-1PH. Remote models must be hard-wired at the installation site.



980 S. Isabella Rd.
Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
Fax: 800-669-0619
www.delfield.com

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DSF2800
07/13





F2800

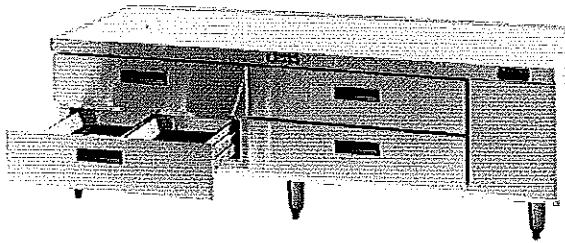
Remote Low-Profile Refrigerated Equipment Stands

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

F2800: Remote Low-Profile Refrigerated Equipment Stands

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F2875

Standard Features

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- Standard stainless steel ends
- Exterior drawer fronts are stainless steel
- High density environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane foam insulation throughout unit
- Snap-in drawer gaskets for easy removal
- Standard on legs
- Base interior cabinet is cooled with mullion style coated blower coil(s) mounted between each door/drawer section for even air and temperature control
- Electric condensate evaporators are standard
- Interior refrigerated base cabinet section to

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- Digital thermometer
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- Three year parts and labor warranty

Options & Accessories

- Drawer locks
 - 230V, 50Hz electrical system*
 - Stainless steel back
 - Mechanical housing left side
 - Doors in lieu of drawers (except 32")
 - Plastic laminate end
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 - Plastic laminate front
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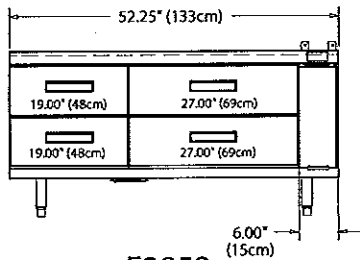
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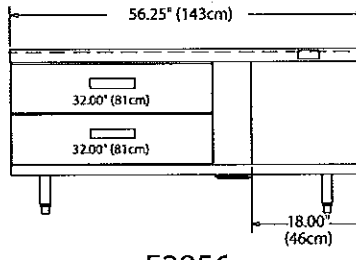




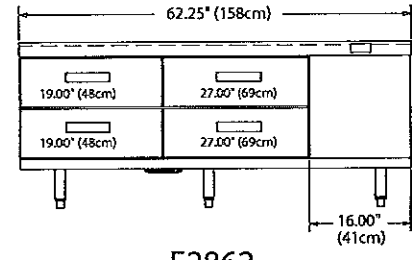
Elevation Views



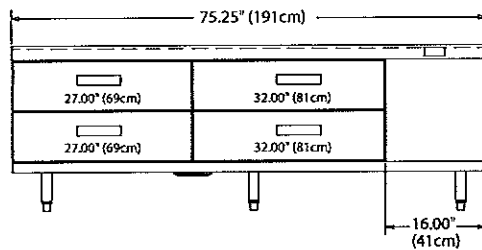
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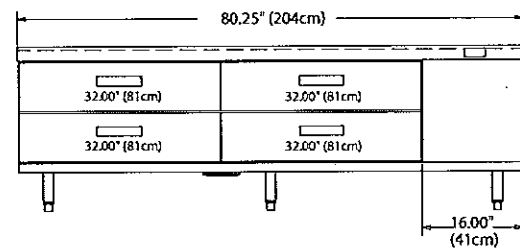
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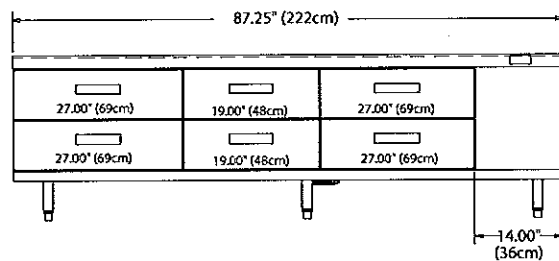
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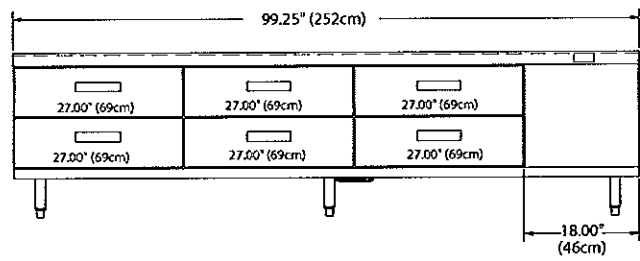
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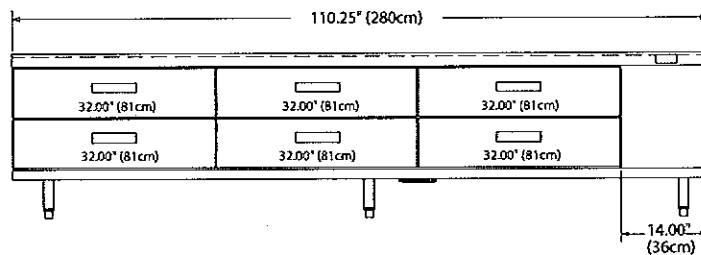
F2880



F2887



F2899

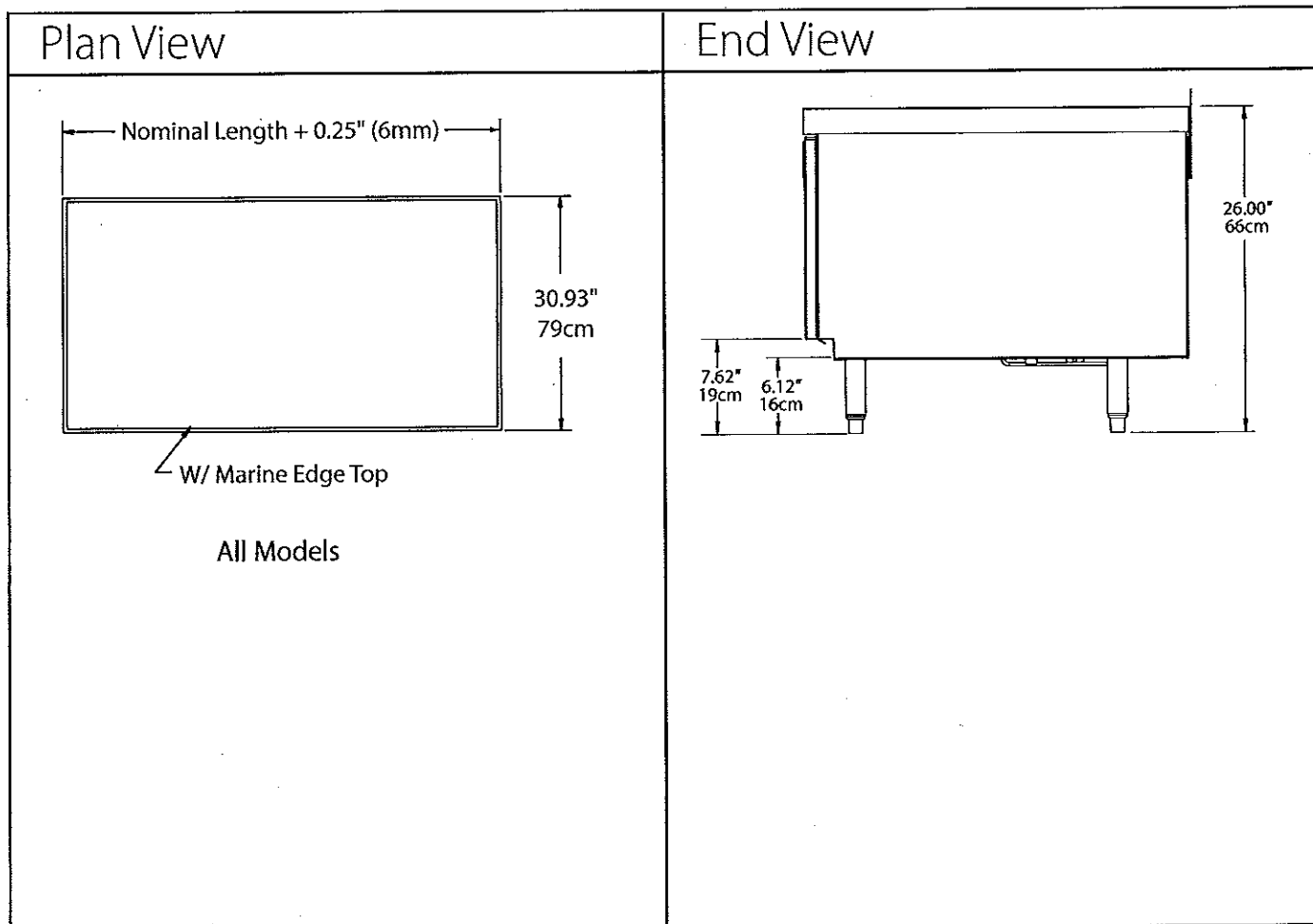


F28110

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F2800

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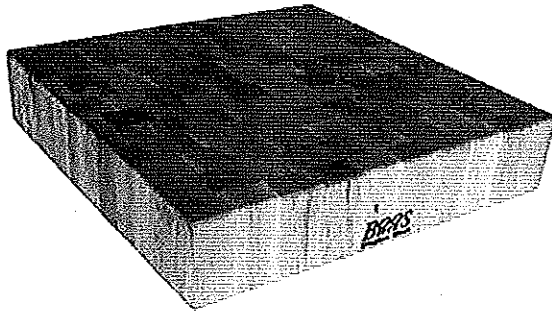
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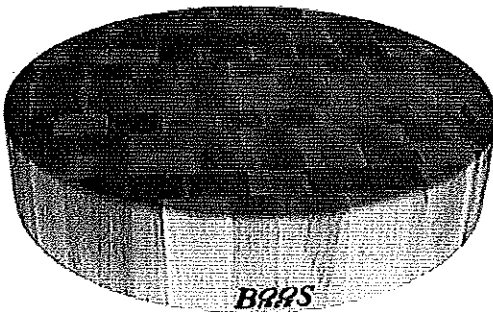
Boos BlockS

THE BLOCKS THAT MADE BOOS FAMOUS



CHOPPING BLOCKS Non-Reversible

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CCB24-R	24"Dia.x4"	1	64
CCB24-S	24"x24"x4"	1	64
CCB3024	30"x24"x4	1	80
CCB3624	36"x24"x4"	1	96
CCB4824	48"x24"x4"	1	128



FEATURES:

- * Solid Hard Rock Maple
- * End Grain Construction

MATERIAL:

Top: Laminated Hard Rock Maple

John Boos & Co

315 South First Street - Effingham, IL 62401

Phone: 217-347-7701 - Fax: 217-347-7705

Email: sales@johnboos.com - Web-site: www. johnboos.com

X-3

THIS ITEM IS: SPARE NUMBER

- ☒ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING
- ☐ WHERE SHOWN
- ☐ RELOCATED
- ☐ MODIFIED
- ☐ N.I.K.E.C. BY:
 - ☐ OWNER
 - ☐ SUPPLIER / VENDOR
 - ☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:



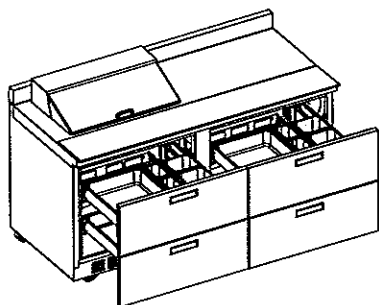
ST4460 Salad Top

Front-Breathing Self-Contained Salad Top Refrigerated Bases

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

Models

- ST4460N-8 Two section with doors, eight pan capacity
- STD4460N-8 Two section with drawers, eight pan capacity



STD4460N-8

Standard Features

- Patented air screen ensures product stays cold without drying it out
- All 4400 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Delfield supplies 1/6 size pans and positive placement adapter bars for top opening
- Dual level pan brackets allow the pans to be lowered an additional inch in the unit without tools to provide additional pan temperature holding performance
- Salad top refrigerators are standard with 10" wide, dishwasher safe polyethylene cutting board treated with antimicrobial agent
- "D" prefix models feature Delfield's new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global

- Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 5" casters for easy cleaning and installation
- 6' cord and plug supplied
- One epoxy coated wire shelf standard, installed per door section
- ACT solid state electronic control
- "ST" models have a 4" stainless steel backsplash
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- Flat lift off cover
 - 18" wide single tier overshell
 - Stainless steel finish on back
 - Plastic laminate on front
 - Additional wire shelves
 - 3" casters, 3.75" ride height
 - Door lock
 - Exterior thermometer
 - 220V/50 Hertz electrical system*
- * Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing at the front. The backsplash is full width and 4" (10cm) tall. Top of drawer unit has openings to accept eight 1/6-size 4" (10cm) deep plastic pans. Top of door unit has openings to accept eight 1/6-size 4" or 6" (10cm or 15cm) deep plastic pans. Adapter bars and 1/6 pans are supplied by Delfield. Temperature in top opening to maintain 33°F (1°C) to 41°F (5°C), with pans recessed 2.5" (6.4cm) at 86°F ambient room temperature, meeting NSF 7 requirements. One 60" x 10" x .5" (152cm x 25.4cm x 1.3cm) polyethylene cutting board treated with antimicrobial agent is mounted on the top at the front edge.

Dual level pan brackets allow the pans to be lowered an additional inch in the unit without tools to provide additional pan temperature holding performance.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides are thermoformed ABS plastic with shelf supports. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/2 H.P., with condenser coil and condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is

controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

ACT control: ACT electronic, solid state control, mounted on the exterior rear of the cabinet, allows unit to maintain precise temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 5" (13cm) diameter plate casters with front two locking. Equipment clearance above the floor is 2.5" (6cm).

The following applies to two door models only. Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet has one adjustable epoxy-coated wire shelf per door opening.

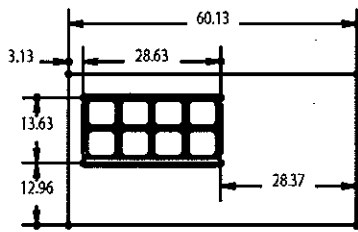
The following applies to four drawer models only. Drawer fronts have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Each section has two drawers. Each top drawer holds one full size 12" x 20" (30.5cm x 50.8cm) pan, three 1/9 size and three 1/6 size 4" x 6" (10.2cm x 15.2cm) deep pans. Each bottom drawer holds one 12" x 20" (30.5cm x 50.8cm) pan, three 1/9 size and three 1/6 size 4" (10.2cm) deep pans. Pans supplied by others.



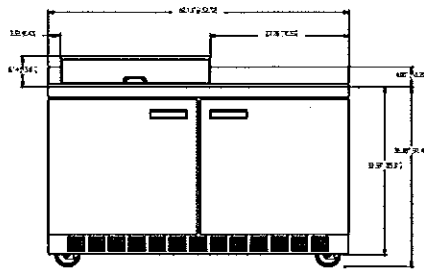


Front-Breathing Self-Contained Salad Top Refrigerated Bases

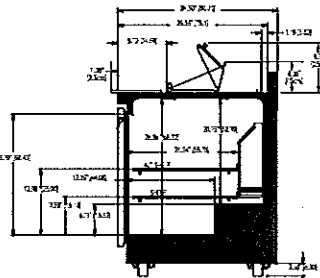
ST4460 Salad Top



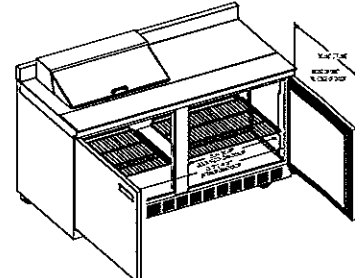
Pan Cutout Configuration



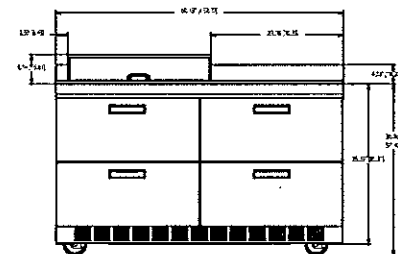
ST4460N-8 Elevation View



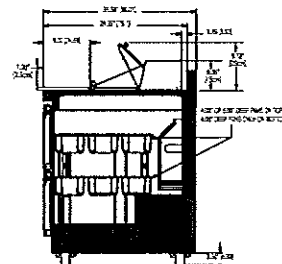
ST4460N-8 Right Side View



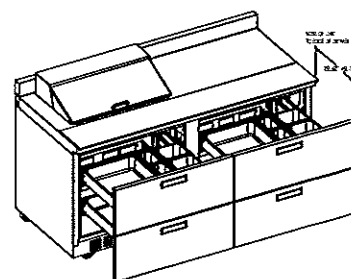
ST4460N-8 ISO View



STD4460N-8 Elevation View



STD4460N-8 Right Side View



STD4460N-8 ISO View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

Specifications

Model	1/6 Size Pan Cap.	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight
ST4460N-8	8	2	7.19ft ²	20.20ft ³	1/2	115/60/1	12.0	5-15P	411lbs/186kg
STD4460N-8	8	N/A	N/A	20.20ft ³	1/2	115/60/1	12.0	5-15P	495lbs/225kg

Delfield reserves the right to make changes to the design or specifications without prior notice.

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DSST4460N-S
03/13





UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

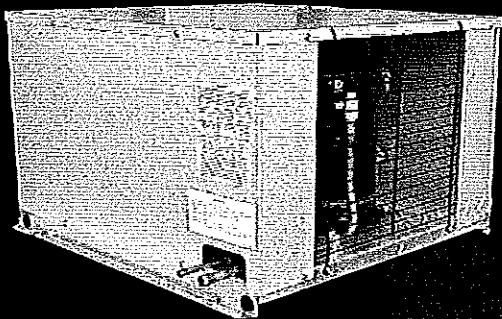
Publication No. 502.12

January, 2004

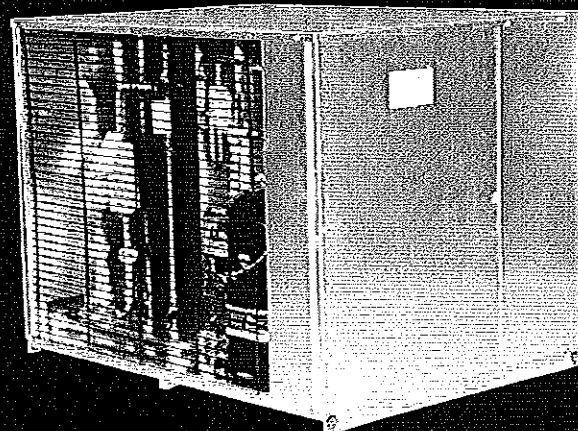
**NOW AVAILABLE
THROUGH 6 HP**

**Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient**

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

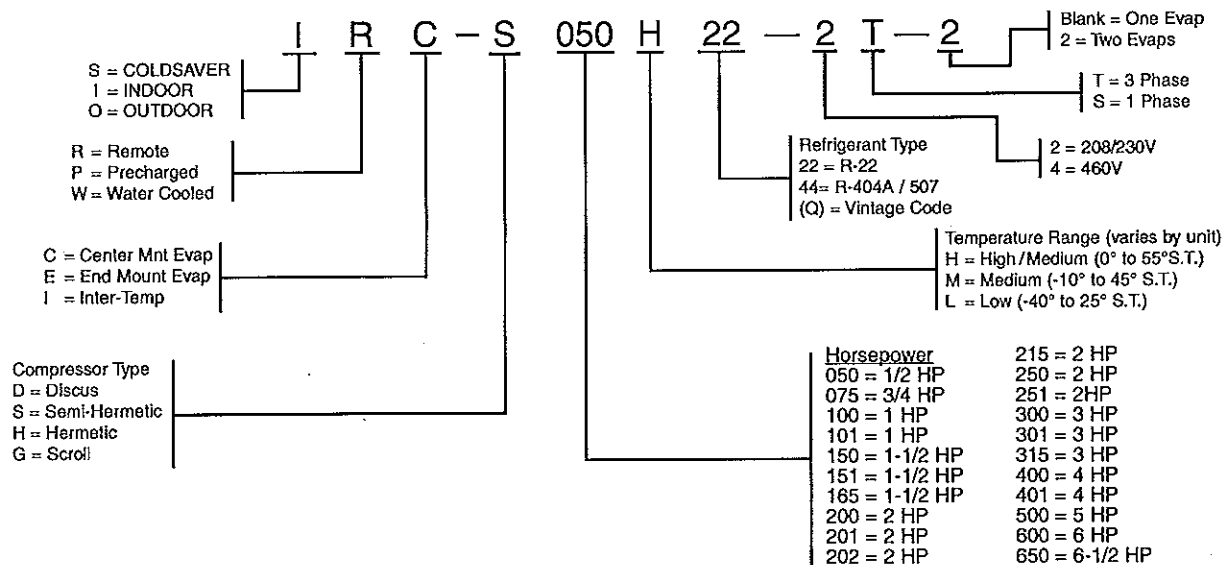
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorber† and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorber†, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

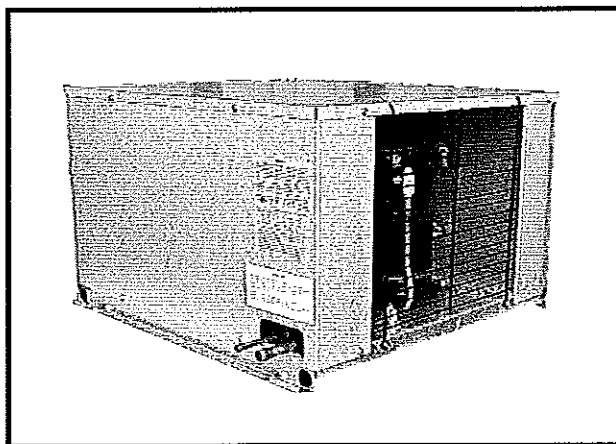
† Vibrasorber not required for Hermetic and Scroll compressors. Vibrasorber not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorber required.

††Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorbers and compressor spring mounting.

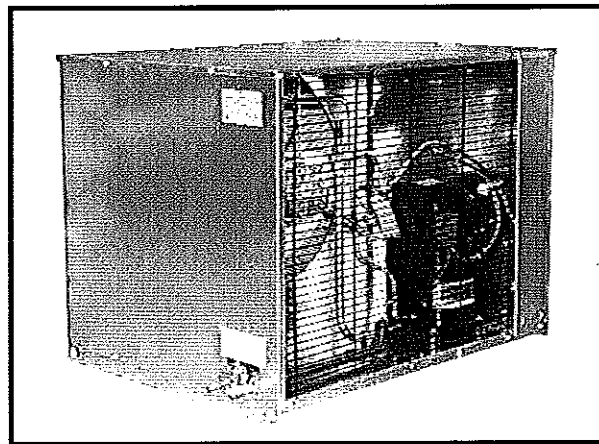
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
22	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
	*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243
	*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255
	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
22	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
22	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

	MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90°F (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189
	*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215
	*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205
	*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290
	*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230
	*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420
	*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490
	*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196
	*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205
	*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220
22	*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248
	*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320
	*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410
	*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430
	*S050H22	0.5	4930	4100	3700	3330	2650	2070	----	----	----	----	----	6.0	1	3/8	5/8	189
	*S075H22	0.75	9020	7280	6480	5730	4370	3200	----	----	----	----	----	6.0	1	3/8	5/8	215
	*S100H22	1	12060	9950	8980	8080	6450	5070	----	----	----	----	----	6.0	1	3/8	5/8	220
	*S150H22	1.5	16600	13600	12200	10800	8500	6400	----	----	----	----	----	10.0	2	3/8	7/8	247
	*S200H22	2	22500	18400	16600	14800	11500	8400	----	----	----	----	----	10.0	2	3/8	7/8	260
	*S300H22	3	34500	28200	25300	22600	17800	13800	----	----	----	----	----	16.0	2	1/2	1-1/8	420
22	*S400H22	4	47600	39200	35300	31600	25000	19200	----	----	----	----	----	28.2	3	1/2	1-1/8	490
	*S400M22	4	----	----	31500	28300	22400	17800	----	----	----	----	----	28.2	3	1/2	1-1/8	490

Discus Models

404A	*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
	*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
	*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
	*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
	*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
22	*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
	*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
	*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
	*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*S050M44	HAI-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	-----	-----	-----	-----	-----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	-----	-----	-----	-----	-----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	-----	-----	-----	-----	-----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300M44	ERF-031E	-----	-----	-----	-----	-----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	-----	-----	-----	-----	-----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	-----	-----	-----	-----	-----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	-----	-----	-----	-----	-----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	-----	-----	-----	-----	-----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	-----	-----	-----	-----	-----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	-----	-----	-----	-----	-----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	-----	-----	-----	-----	-----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	-----	-----	-----	-----	-----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	-----	-----	-----	-----	-----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	-----	-----	-----	-----	-----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	-----	-----	-----	-----	-----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

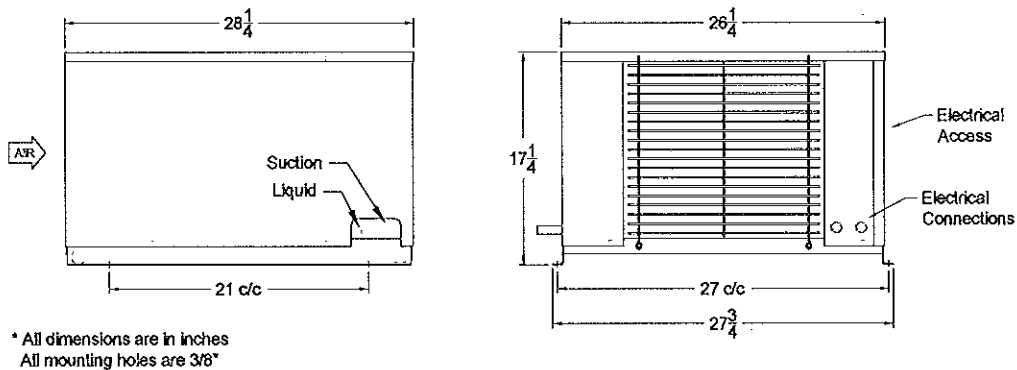
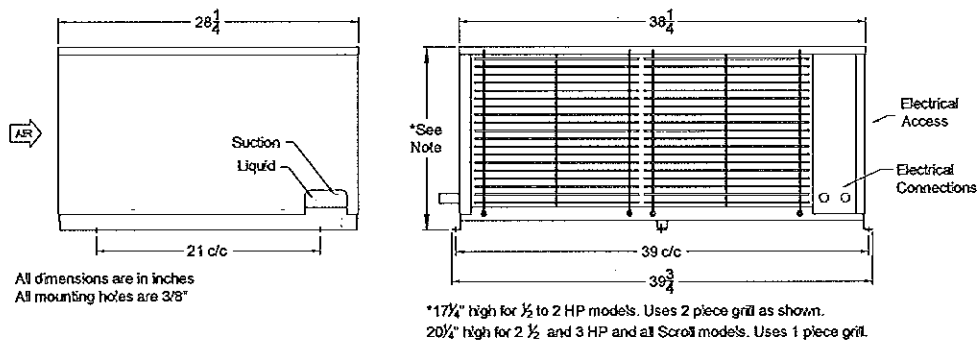
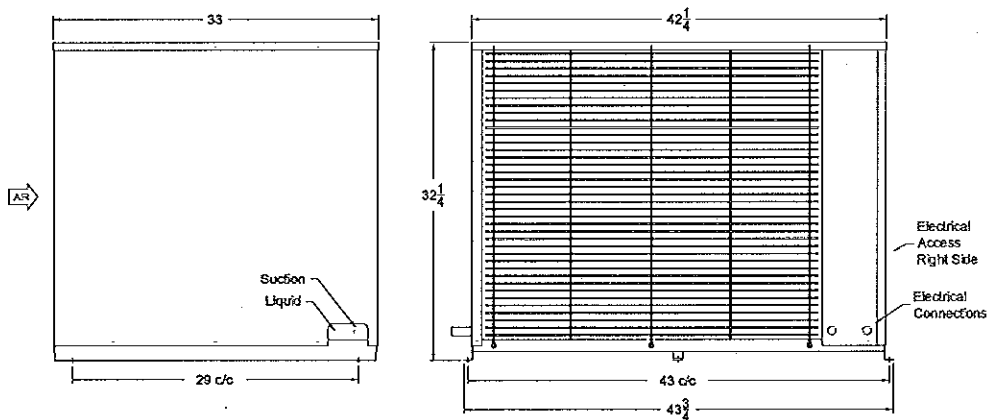
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

SOMERSET

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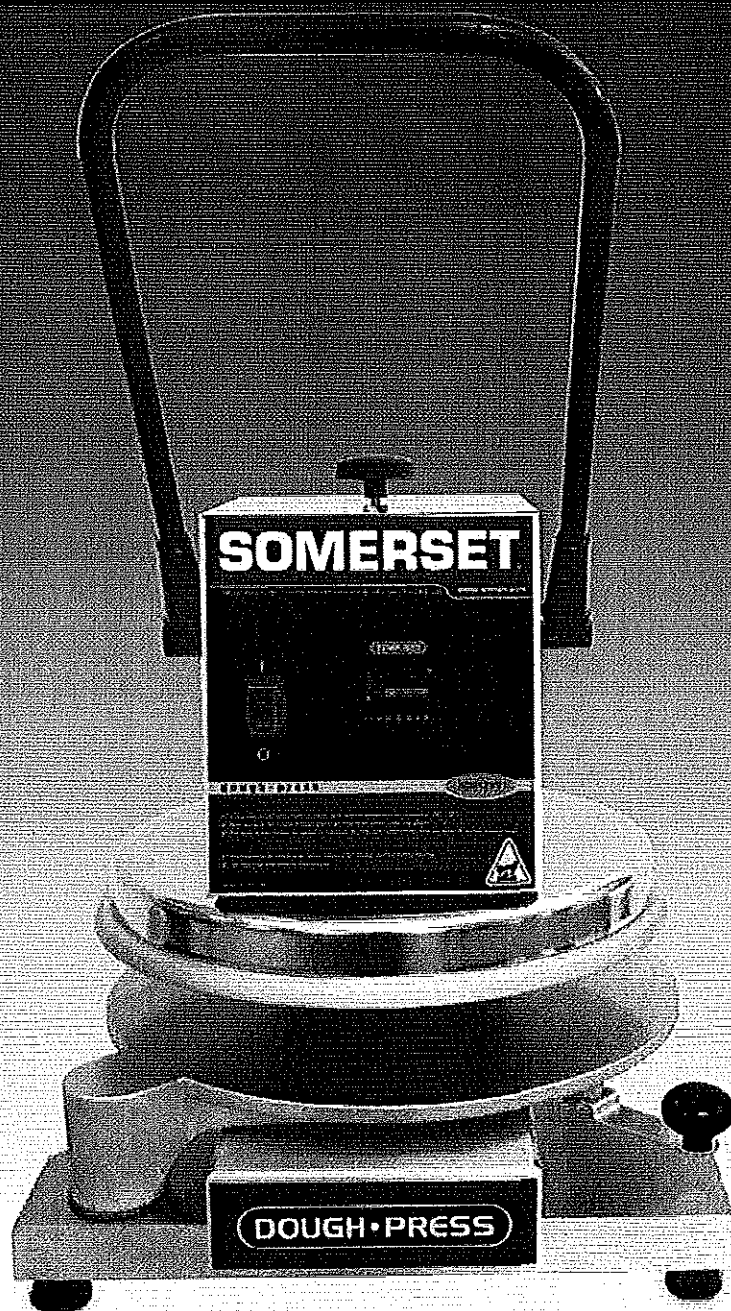
DOUGH PRESS

IDEAL FOR:

- Pizza
- Gluten-free products
- Tortillas
- Chapati
- Navaho Bread
- Pita Bread
- Parathas
- Roti
- Lavash
- Flat Bread

HIGHLIGHTS:

- Accurate, consistent, even product, faster than hand tossed.
- Extra height between plates allows easy operation.
- Over 600 pcs per hour
- Compact tabletop design
- Self-powered mechanism
- Simple temperature controls
- Simple thickness adjustments
- Heavy duty, maintenance-free
- Easy to discharge products
- Heat protection guard
- Non-stick work surfaces
- Assist mechanism reduces force needed to flatten products.



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Hilton Herb N Kitchen-Prototype REV

NEXT STEP DESIGN

SOMERSET

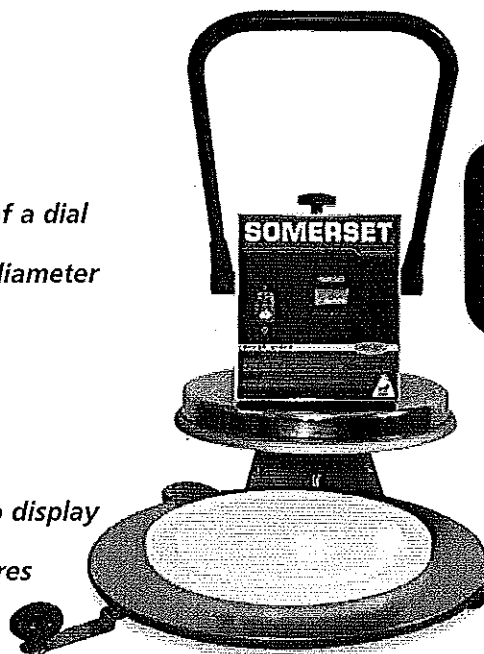
DOUGH PRESS

STANDARD

WITH MOLDS

FEATURES

- Reliable, safe operation
- Manual with mechanical assist mechanism
- Adjustable product thickness with the turn of a dial
- Produces various crusts up to 18" (46cm) in diameter
- Easy to operate / Easy to clean
- Compact / Simple table top design
- Safe; top-heated platen
- Fully adjustable heat controls with LED temp display
- Heavy duty stainless steel construction ensures long and trouble free operation



Attachable molds
available for various
crust shapes and sizes.

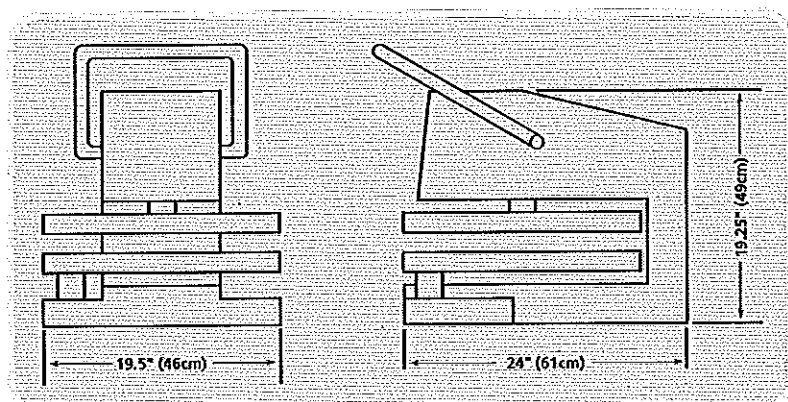
SDP-747D

INDUSTRY USES

- Pizzerias
- Restaurants
- Institutions
- Schools
- Mexican establishments
- Other ethnic food production
- Cafes
- Bakeries

SPECIFICATIONS

(Specifications subject to change without notice)



Electrical Data: Single Phase,
120V/60Hz or 220V/50Hz, 1600 Watts
Temperature Range: 0-350° F (0-177° C)
Construction: All Stainless Steel
Shipping Weight: 225 lbs. (102.3 kgs)



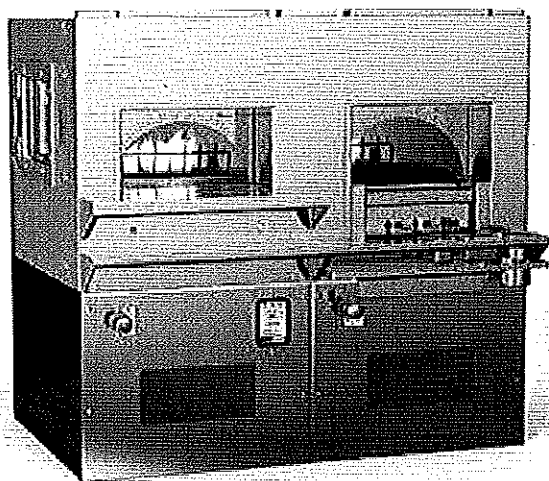
PATENT PENDING

MADE IN THE U.S.A. 05.10.12

Wood Stone

DESIGNER SERIES

Stone Hearth Oven



Job Name

Model WS-DS-7248

Item#

DESIGNER OPTIONS

- Designer or standard sizes
- Designer or standard shapes
- Designer Modules including:
 - Stone Hearth Oven
 - Gas Charbroiler
 - Wood Charbroiler
 - Rotisserie
 - Pita/Flatbread Oven
- Viewing Windows (typical dim: 12" x 20")
- Multiple flame location choices
- Custom Oven-Mounted Exhaust Hood
- Transport/Rigging Casters
- Configured for Wood Burning
- **Note:** Wood burning models must be vented for solid fuel.
- Prepared for facade application
- Designer Finishes
- Shelves and Pan Rails

Wood Stone's Designer Series Stone Hearth Oven provides Wood Stone's legendary performance and reliability in a flexible package offering unparalleled possibilities for those desiring a customized oven to fit their needs.

The foundation of the Designer Series is its multi component modular construction. This allows the capability to integrate a variety of options such as additional oven openings, viewing windows, and oven mounted Charbroilers.

The Designer Series utilizes Wood Stone's signature 4-inch thick, single piece, monolithic cast ceramic floor for superior heat retention and durability. The stone hearth oven modules also integrate a 47,000 BTU, thermostatically controlled infrared burner mounted under the floor which ensures constant floor temperatures.

The insulated wall and ceiling panels are made with a 3-inch thick cast ceramic. The dense high-temperature ceramic formulation of the floor, wall and ceiling panels creates a "deep heat sink" within the chamber of the oven.

Designer Series ovens must be vented using a Type 1 exhaust hood constructed and installed in accordance with all relevant local and national codes. Additionally, Designer Series models with a -W in the model number must be vented as solid fuel appliances.



Wood Stone

An ongoing program of product improvement may require us to change specifications without notice.
Revised July 2010

WOOD STONE CORPORATION

1801 W. Bakerview Rd.
Bellingham, WA 98226 USA

Toll Free (800) 988-8103

Tel (360) 650-1111

Fax (360) 650-1166

info@woodstone-corp.com or visit www.woodstone-corp.com

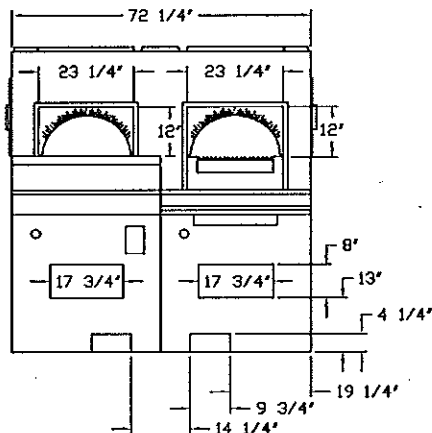


DESIGNER SERIES

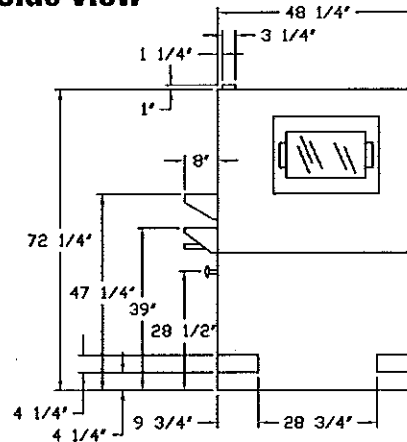
Stone Hearth Oven

Model
WS-DS-7248

Front View

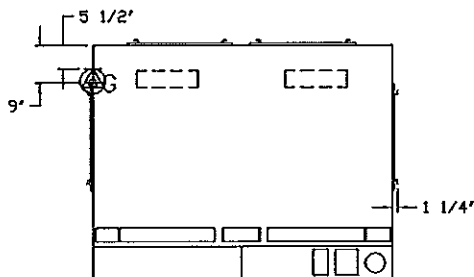


Side View



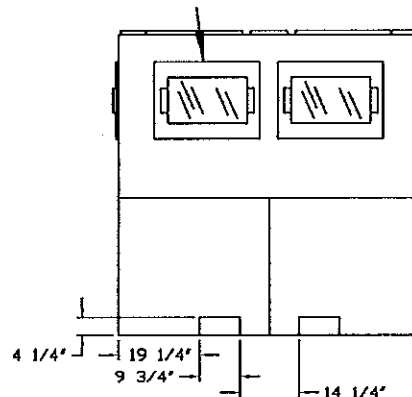
Top View

- ⊗ Electrical Hook Up – Configurable Left or Right
- ⚙ 3/4" NPT Gas Inlet – Configurable Left or Right



Back View

Viewing Windows (Possible Locations)



UTILITIES SPECIFICATIONS-VARY DEPENDING ON OVEN CONFIGURATION

IR Burner(each)-47,000 BTU
Radiant flame burner(each)-50,000 BTU
Gas-fired Broiler(each)- 57,000 BTU

Electrical
120 VAC, Less than 5A

CLEARANCES

side clearance: 1 inch
back clearance: 1 inch
top clearance: 12 inches

VENTING INFORMATION

Designer Series ovens must be vented using a Type 1 exhaust hood constructed and installed in accordance with all relevant local and national codes. Additionally, Designer Series models with a -W in the model number must be vented as solid fuel appliances.

Shipping Weight: 4,200 lbs.



ANSI Z83.11b-2006
CSA 1.8b-2006



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T&S BRASS AND BRONZE WORKS, INC.
 2 SADDLEBACK COVE / P.O. BOX 1088 / TRAVELERS REST, SC 29690
 PHONE 800-476-4103 FAX 864- 834-3518



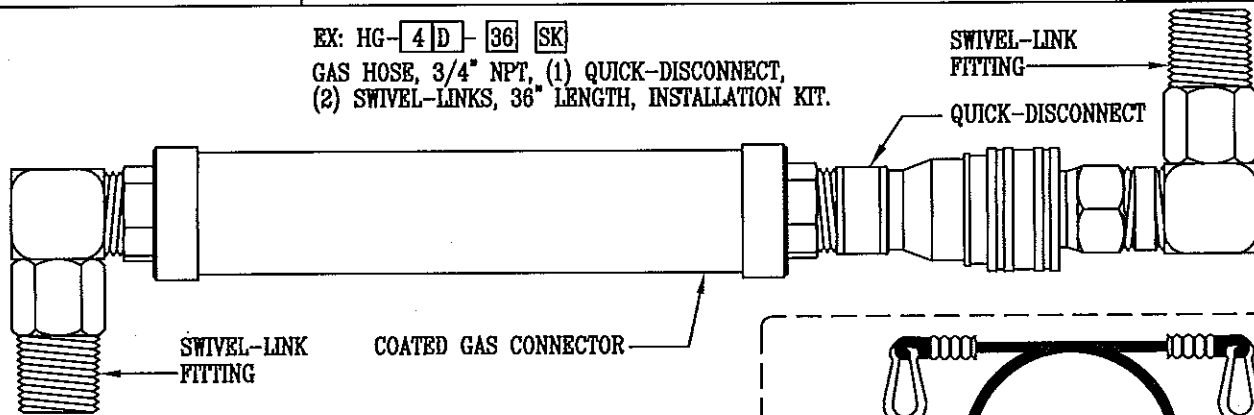
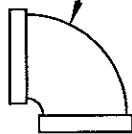
Model No.

HG-4-SK SERIES

Item No.:

Job Name:

Architect/Engineer Approval:

TO ORDER HG-4-SK SERIES: HG — — EX: HG-4D-36SKGAS HOSE, 3/4" NPT, (1) QUICK-DISCONNECT,
(2) SWIVEL-LINKS, 36" LENGTH, INSTALLATION KIT.INSTALLATION KIT: RESTRAINING
CABLE, STREET EL, BALL VALVE(1) 90° FEMALE
NPT ELBOW

"L" = LENGTH	1/2" NPT
12"	HG-4C-12SK
24"	HG-4C-24SK
36"	HG-4C-36SK
48"	HG-4C-48SK
60"	HG-4C-60SK
72"	HG-4C-72SK

"L" = LENGTH	3/4" NPT
12"	HG-4D-12SK
24"	HG-4D-24SK
36"	HG-4D-36SK
48"	HG-4D-48SK
60"	HG-4D-60SK
72"	HG-4D-72SK

"L" = LENGTH	1" NPT
12"	HG-4E-12SK
24"	HG-4E-24SK
36"	HG-4E-36SK
48"	HG-4E-48SK
60"	HG-4E-60SK
72"	HG-4E-72SK

"L" = LENGTH	1-1/4" NPT
12"	HG-4F-12SK
24"	HG-4F-24SK
36"	HG-4F-36SK
48"	HG-4F-48SK
60"	HG-4F-60SK
72"	HG-4F-72SK

Product Description:

SAFE-T-LINK GAS APPLIANCE CONNECTOR:
 COATED HOSE, QUICK-DISCONNECT, (2) SWIVEL
 LINKS, & (1) INSTALLATION KIT.

Drawn:

WJS

Checked

ARD

Scale:

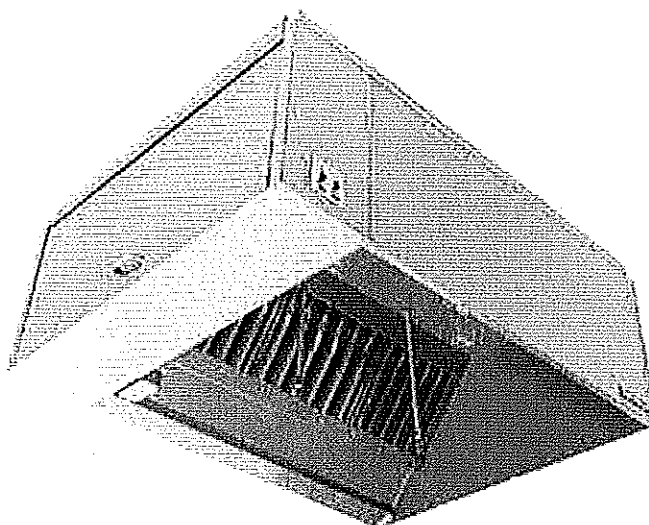
1:1

Approved

CA

Date:

3-15-97



ND Series

Exhaust-Only Hood

Captive-Aire's flagship ND hood is a wall canopy, Type I, exhaust-only unit that operates at low CFM. It is ETL Listed for use over 450°F, 600°F, and 700°F cooking surface temperatures.



Offering A Fully Integrated Package, Pre-Engineered For Optimum Performance

ADVANTAGES

- **Exhaust Flow Rates:** Superior exhaust flow rates. A 4' Hood can operate at 150 CFM/ft or 600 total CFM.
- **ETL Listed:** ETL Listed for use over 450°F, 600°F and 700°F cooking surface temperatures, provides flexibility in designing kitchen ventilation systems. ETL Listed to Canadian safety standards, NSF Listed and built in accordance with NFPA 96.
- **Front Design:** Double Wall front design prevents condensation and directs grease-laden vapors toward the exhaust filter bank.
- **Stainless Steel Construction:** Polished stainless steel on the interior and exterior of the front enhance aesthetics.
- **Optional Make-Up Air:** Up to 80% make-up air can be supplied through an optional front plenum (ND Series with PSP Accessory), or up to 90% with an optional rear plenum (ND-BR Series), or front and rear plenums (ND-BR Series with PSP Accessory).
- **Sturdy Construction:** Sturdy stainless steel construction with double wall, insulated front panel.
- **Pre-wiring at Factory:** Factory pre-wired lighting to illuminate the cooking surface.
- **Industrial Grease Baffle Filters:** All hoods come standard with aluminum baffle filters. Stainless steel filters are optional. High velocity cartridge filters are available on the CND series.
- **Clearance to Combustibles:** Optional integral clearance to combustibles reduction system to meet NFPA 96 requirements.
- **Face Mounted Controls:** Optional UL Listed light and fan control switches flush mounted and pre-wired through electrical chaseaway.
- **Capture & Containment:** Exceptional capture and containment of cooking vapors. This is accomplished with the signature ND "triangle" on the front of the hood's capture area and the "C-shaped" design of the hood's capture area.
- **ETL Listed Fire Damper:** Optional ETL Listed exhaust fire damper on the ND-100 model.

PERFORMANCE

Max. Avg. Cooking Surface Temp. (°F)	Configuration	Min. Exhaust CFM/ft.
450°F - Ovens, Steamers, Kettles, Open-Burner Ranges, Griddles, Fryers	Single Wall Hood	150
	2 Wall Hoods Back-to-Back in an Island Configuration	300
600°F - Gas Charbroilers, Electric Charbroilers, Woks	Single Wall Hood	200
	2 Wall Hoods Back-to-Back in an Island Configuration	400
700°F - Mesquite Grills, Charcoal Charbroilers, Gas Conveyor Charbroilers, Wood Burning Appliances	Single Wall Hood	250
	2 Wall Hoods Back-to-Back in an Island Configuration	500

Recommended Duct Sizing:

- Exhaust - Based on 1500 FPM

FEATURES

- Available in single wall type or two piece back-to-back island configuration.
- Fabricated of Type 430 stainless steel, #3 or #4 polish, on all exposed surfaces. Optional type 304 stainless steel available.
- Double-wall, insulated front increases rigidity and reduces condensation.
- Fitted with UL Classified, aluminum filters, removable for cleaning. Optional stainless steel and ETL Listed high velocity cartridge filters available. (Model CND)
- Grease drain system (1/8" per foot minimum slope) with removable pint cup for easy cleaning.
- Pre-punched hanging angles on each end of hood. Additional set provided for hoods longer than 12'.
- Optional integral clearance to combustibles reduction system to meet NFPA 96 requirements.
- Fitted with UL Listed, pre-wired, incandescent light fixtures and tempered glass globes to hold up to a standard 100 watt bulb. Recessed incandescent and recessed fluorescent lights optional.
- A built-in wiring chase provided for optimal positioning of electrical controls and outlets on the front face of the hood without penetrating capture area or requiring external chaseaway.
- Optional ETL Listed exhaust fire damper (Model ND-100).
- ETL Listed for 450°F, 600°F and 700°F cooking surfaces (File 3054804-001 without exhaust damper; File 3054804-002 with exhaust damper), NSF Listed and built in accordance with NFPA Standard 96.

OPTIONS

Utility Cabinet: ETL Listed for integral side mount on the Captive-Aire Systems ventilation hood...fabricated of same material as hood...the cabinet houses factory pre-piped UL Listed fire suppression system* and ETL Listed, pre-wired electrical controls...pre-wire package* contains light switches, lighted fan control switches and internal factory wiring and components (starters, relays, etc.) to reduce field wiring requirements. ETL tests confirm temperatures do not exceed 120°F inside the cabinet during fire condition. (120°F is the maximum allowed storage temperature for the UL Listed fire suppression system and the ETL Listed Industrial control panel.) (*Dimensional restrictions may apply)

Rear Make-Up Air Plenum: Provides make-up air for the kitchen, discharged below cooking equipment...welded...stainless steel exposed surfaces...unexposed surfaces made of aluminized metal...shipped separately, requiring field connection...insulated to prevent condensation...perforated diffuser plates for even air distribution. Provides required clearance from limited combustibles per NFPA 96 Standards.

Front Perforated Supply Plenum: Provides low velocity make-up air for the kitchen, discharged in front of the hood...welded...stainless steel...perforated diffuser plates for even air distribution...supply riser includes a volume damper for easy balancing.

Removable, ETL Listed, High Velocity Cartridge Filters: Constructed of stainless steel...uses centrifugal force to remove grease and other particulates...National Institute of Standards and Technology methodology used by an independent agency to evaluate performance...tests indicate 95 percent extraction efficiency.

Enclosure Panels: Constructed of stainless steel...mounting channel factory-welded to hood for field installation of panels over 11" high...under 11", factory-welded and integrally installed into hood front ends...sized to extend from hood top to ceiling, enclosing pipe and hanging parts.

End Panels: Should be used to maximize hood performance and eliminate the effects of cross drafts in kitchen...units constructed of stainless steel and sized according to hood width and cooking equipment. Exposed edges hemmed for safety and rigidity.

Exhaust Fire Damper: ETL Listed...installed in exhaust collar...activated by a ETL Listed, 212°F, 10-lb. minimum rated fusible link.

Roof Top Package: Combination ETL Listed exhaust/supply air unit with factory prewired and mounted motors, trunkline and curb vented on exhaust side. Various models perform up to 14,000 CFM exhaust and up to 3 inches static pressure...weatherproofed...galvanized construction... washable mesh filters...exhaust/supply air fans share common roof penetration...internal wiring drops directly through curb, requiring no pitch pockets...exhaust outlets/air intakes spaced to conform to code regulations...automatic reset/thermal overload protection on all single phase motors and on three phase motors if pre-wire assembly is included in package...standard single-point power connections...UL 705, 762 Listed exhaust fans rated for high grease applications...optional backdraft dampers.

Separate Exhaust and/or Make-Up Air Fans: ETL Listed single exhaust fans and supply-air fans and curbs available...same features, construction methods and performance ratings as roof top package above.

Heated Make-Up Air Unit: ETL Listed direct fired gas heated make-up air unit manufactured... ETL Listed for natural gas and propane... design integrates the blower and burner into a single package... heavy duty, weather resistant, galvanized steel construction... units available in Roof Top Package or as a stand alone heated make-up air module... several sizes available to meet almost any performance rating specification.

Fire Suppression System: UL 300 pre-piped fire suppression system...Custom designed to your cooking equipment line-up.

Construction: 430 and 304 stainless steel construction...On exposed surfaces or 100%.

Clearance to Combustibles: Integral clearance to combustibles system that meets NFPA 96 requirements.

Electrical Controls: ETL listed controls... Face mounted switches.

New York City School Construction Authority Requirements: The CND Series hood with the SCA option package (CND-SCA) is manufactured to meet New York City School Construction Authority requirements. Contact a Captive-Aire sales representative for more information.

FULLY INTEGRATED PACKAGE

Captive-Aire sells this hood as a stand-alone appliance to be integrated into a kitchen ventilation application. Captive-Aire also provides this hood as part of a **FULLY INTEGRATED PACKAGE** designed by Captive-Aire and pre-engineered for **OPTIMUM PERFORMANCE**. The package consists of the hood, an integral ETL Listed utility cabinet, factory pre-wired ETL Listed electrical controls, and a factory pre-piped UL Listed fire suppression system. Other options include a ETL Listed exhaust damper, a ETL Listed exhaust fan, a ETL Listed non-tempered make-up air fan, and/or a ETL Listed direct-fired heated make-up air unit. Fire suppression systems include final hookup and inspection.

CERTIFICATIONS

The ND Model has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.

Models ND are ETL Listed under file number 3054804-001 and complies with UL710 Standards and ULC710 Standards.



ANSUL®

RESTAURANT FIRE SUPPRESSION SYSTEMS DATA SHEET

MODEL R-102 (STANDARD UL 300 LISTED)

FEATURES

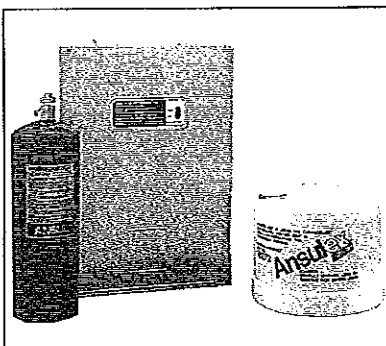
- Low pH Agent
- Proven Design
- Reliable Cartridge Operated
- Aesthetically Appealing
- UL Listed — Meets Requirements of UL 300

APPLICATION

The Ansul R-102 Restaurant Fire Suppression System is an automatic, pre-engineered, fire suppression system designed to protect the following areas associated with cooking equipment; ventilating equipment including hoods, ducts, plenums, and filters; fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite or gas-radiant char-broilers and woks.

The system is ideally suitable for use in restaurants, hospitals, nursing homes, hotels, schools, airports, and other similar facilities.

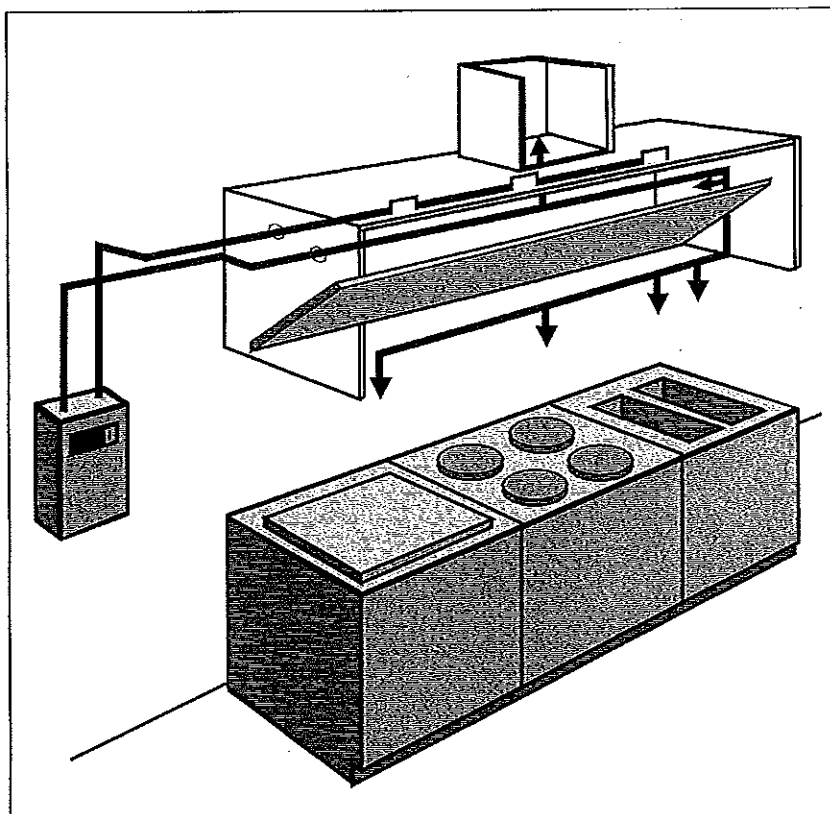
Use of the R-102 system is limited to interior applications only. The regulated release and tank assemblies must be mounted in an area where the air temperature will not fall below 32 °F (0 °C) or exceed 130 °F (54 °C). The system must be designed and installed within the guidelines of the UL Listed Design, Installation, Recharge, and Maintenance Manual.



SYSTEM DESCRIPTION

The restaurant fire suppression system is a pre-engineered, wet chemical, cartridge-operated, regulated pressure type with a fixed nozzle agent distribution network. It is listed with Underwriters Laboratories, Inc. (UL).

The system is capable of automatic detection and actuation and/or remote manual actuation. Additional equipment is available for mechanical or electrical gas line shut-off applications.



The detection portion of the fire suppression system allows for automatic detection by means of specific alloy rated fusible links, which, when the temperature exceeds the rating of the link, the link separates, allowing the regulated release to actuate.

A system owner's guide is available containing basic information pertaining to system operation and maintenance. A detailed technical manual is also available including system description, design, installation, recharge, and maintenance procedures, plus additional equipment installation and resetting instructions.

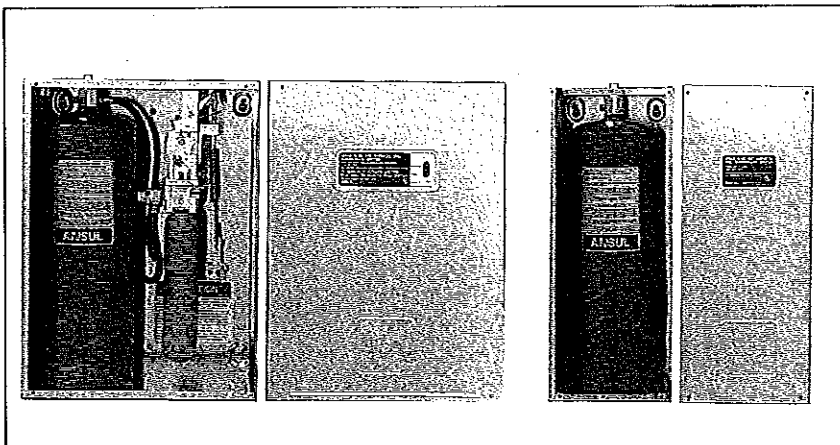
The system is installed and serviced by authorized distributors that are trained by the manufacturer.

The basic system consists of an ANSUL AUTOMAN regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank

housed within a single enclosure. Nozzle blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows are supplied in separate packages in the quantities needed for fire suppression system arrangements.

Additional equipment includes remote manual pull station, mechanical and electrical gas valves, pressure switches, and electrical switches for automatic equipment and gas line shut-off. Accessories can be added such as alarms, warning lights, etc., to installations where required.

Tanks can be used in multiple arrangements to allow for larger hazard coverage. Each tank is limited to a listed maximum amount of flow numbers.



COMPONENT DESCRIPTION

Wet Chemical Agent – The extinguishing agent is a mixture of organic and inorganic salts designed for rapid flame knockdown and foam securement of grease related fires. It is available in plastic containers with instructions for wet chemical handling and usage.

Agent Tank – The agent tank is installed in a stainless steel enclosure or wall bracket. The tank is deep drawn carbon steel finished in red enamel.

Tanks are available in two sizes: 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tanks have a working pressure of 100 psi (6.9 bar), a test pressure of 300 psi (20.7 bar), and a minimum burst pressure of 600 psi (41.4 bar).

The tank includes an adaptor/tube assembly. The adaptor is chrome-plated steel with a 1/4 in. NPT female gas inlet and a 3/8 in. NPT female agent outlet. The adaptor also

contains a bursting disc seal which prevents the siphoning of agent up the pipe during extreme temperature variations.

Regulated Release Mechanism – The regulated release mechanism is a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one or two agent tanks, depending on the capacity of the gas cartridge used. It contains a factory installed regulator deadset at 100 psi (6.9 bar) with an internal relief of approximately 145 psi (10.0 bar). It has automatic actuation capabilities by a fusible link detection system and remote manual actuation by a mechanical pull station.

The regulated release mechanism contains a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure contains knock-outs for 1/2 in. conduit. The cover contains an opening for a visual status indicator.

It is compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch, it is compatible with electric gas line or appliance shut-off devices.

Regulated Actuator Assembly – When more than two agent tanks are required, the regulated actuator is available to provide expellant gas for additional tanks. It is connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. It contains a regulated actuator deadset at 100 psi (6.9 bar) with an internal relief of approximately 145 psi (10.0 bar). The regulated actuator assembly contains a regulated actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure contains knockouts to permit installation of the expellant gas line.

Discharge Nozzles – Each discharge nozzle is tested and listed with the R-102 system for a specific application. Nozzle tips are stamped with the flow number designation (1/2, 1, 2, and 3). Each nozzle must have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

APPROVALS

Applicable Standards: ULI listed under EX-3470; ULC listed under CEX-747; meets requirements of NFPA 96 (Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment); NFPA 17A (Standard on Wet Chemical Extinguishing Systems).

ORDERING INFORMATION

Order all system components through your local authorized Ansul Distributor.

SPECIFICATIONS

An Ansul R-102 Fire Suppression System shall be furnished. The system shall be capable of protecting all hazard areas associated with cooking equipment.

1.0 GENERAL

1.1 References

- 1.1.1 Underwriters Laboratories, Inc. (UL)
 - 1.1.1.1 UL Standard 1254
 - 1.1.1.2 UL Standard 300
- 1.1.2 National Fire Protection Association (NFPA)
 - 1.1.2.1 NFPA 96
 - 1.1.2.2 NFPA 17A

1.2 Submittals

- 1.2.1 Submit two sets of manufacturer's data sheets
- 1.2.2 Submit two sets of piping design drawings

1.3 System Description

- 1.3.1 The system shall be an automatic fire suppression system using a wet chemical agent for grease related fires.
- 1.3.2 The system shall be capable of suppressing fires in the following areas associated with cooking equipment: ventilating equipment including hoods, ducts, plenums, and filters; fryers; griddles and range tops; upright, natural charcoal, or chain-type broilers; electric, lava rock, mesquite or gas-radiant char-broilers.
- 1.3.3 The system shall be the pre-engineered type having minimum and maximum guidelines established by the manufacturer and listed by Underwriters Laboratories, Inc. (UL).
- 1.3.4 The system shall be installed and serviced by personnel trained by the manufacturer.

1.4 Quality Control

- 1.4.1 Manufacturer: The R-102 Restaurant Fire Suppression System shall be manufactured by a company with at least thirty years experience in the design and manufacture of pre-engineered fire suppression systems. The manufacturer shall be ISO 9002 registered.
- 1.4.2 Certificates: The wet agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.8 – 8.2, designed for flame knockdown and foam securement of grease-related fires.

1.5 Warranty, Disclaimer, and Limitations

- 1.5.1 The pre-engineered restaurant fire suppression system components shall be warranted for five years from date of delivery against defects in workmanship and material.

2.0 PRODUCT**1.6 Delivery**

- 1.6.1 Packaging: All system components shall be securely packaged to provide protection during shipment.

1.7 Environmental Conditions

- 1.7.1 The R-102 system shall be capable of operating in a temperature range of 32 °F to 130 °F (0 °C to 54 °C).

2.1 Manufacturer

- 2.1.1 Ansul Fire Protection, One Stanton Street, Marinette, Wisconsin 54143-2542, Telephone (715) 735-7411.

2.2 Components

- 2.2.1 The basic system shall consist of an ANSUL AUTOMAN regulated release assembly which includes a regulated release mechanism and a wet chemical storage tank housed within a single enclosure. Nozzles, blow-off caps, detectors, cartridges, agent, fusible links, and pulley elbows shall be supplied in separate packages in the quantities needed for fire suppression system arrangements. Additional equipment shall include remote manual pull station, mechanical and electrical gas valves, pressure switches, and electrical switches for automatic equipment and gas line shut-off.

- 2.2.2 Wet Chemical Agent: The extinguishing agent shall be a specially formulated, aqueous solution of organic salts with a pH range between 7.8 - 8.2, designed for flame knockdown and foam securement of grease related fires.

- 2.2.3 Agent Tank: The agent tank shall be installed in a stainless steel enclosure or wall bracket. The tank shall be deep drawn carbon steel finished in red enamel. Tanks shall be available in two sizes; 1.5 gallon (5.7 L) and 3.0 gallon (11.4 L). The tanks shall have a working pressure of 100 psi (6.9 bar), a test pressure of 300 psi (20.7 bar), and a minimum burst pressure of 600 psi (41.4 bar). The tank shall include an adaptor/tube assembly containing a burst disc union.

- 2.2.4 Regulated Release Mechanism: The regulated release mechanism shall be a spring-loaded, mechanical/pneumatic type capable of providing the expellant gas supply to one or two agent tanks depending on the capacity of the gas cartridge used. It shall contain a factory installed regulator deadset at 100 psi (6.9 bar) with an internal relief of approximately 145 psi (10.0 bar).

It shall have the following actuation capabilities: automatic actuation by a fusible link detection system and remote manual actuation by a mechanical pull station.

The regulated release mechanism shall contain a release assembly, regulator, expellant gas hose, and agent storage tank housed in a stainless steel enclosure with cover. The enclosure shall contain knock-outs for 1/2 in. conduit. The cover shall contain an opening for a visual status indicator.

It shall be compatible with mechanical gas shut-off devices; or, when equipped with a field or factory-installed switch, it shall be compatible with electric gas line or appliance shut-off devices.

- 2.2.5 Regulated Actuator Assembly: When more than two agent tanks are required, the regulated actuator shall be available to provide expellant gas for additional tanks. It shall be connected to the cartridge receiver outlet of the regulated release mechanism providing simultaneous agent discharge. The regulator shall be deadset at 100 psi (6.9 bar) with an internal relief of approximately 145 psi (10.0 bar). The regulated actuator assembly shall contain a regulated actuator, regulator, expellant gas hose, and agent tank housed in a stainless steel enclosure with cover. The enclosure shall contain knockouts to permit installation of the expellant gas line.

- 2.2.6 Discharge Nozzles: Each discharge nozzle shall be tested and listed with the R-102 system for a specific application. Nozzles tips shall be stamped with the flow number designation (1/2, 1, 2, and 3). Each nozzle shall have a metal or rubber blow-off cap to keep the nozzle tip orifice free of cooking grease build-up.

- 2.2.7 Distribution Piping: Distribution piping shall be Schedule 40 black iron, chrome-plated, or stainless steel pipe conforming to ASTM A120, A53, or A106.

- 2.2.8 Detectors: The detectors shall be the fusible link style designed to separate at a specific temperature.

- 2.2.9 Cartridges: The cartridge shall be a sealed steel pressure vessel containing either carbon dioxide or nitrogen gas. The cartridge seal shall be designed to be punctured by the releasing device supplying the required pressure to expel wet chemical agent from the storage tank.

3.0 IMPLEMENTATION**3.1 Installation**

- 3.1.1 The R-102 fire suppression system shall be designed, installed, inspected, maintained, and recharged in accordance with the manufacturer's listed instruction manual.

3.2 Training

- 3.2.1 Training shall be conducted by representatives of the manufacturer.



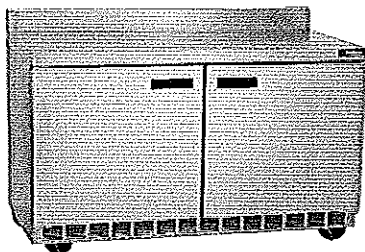
ST4460N Flat Top

Front-Breathing Self-Contained Flat Top Refrigerated Bases

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

Models

- ST4460N Two section refrigerator, flat top with doors
- STD4460N Two section refrigerator, flat top with drawers



ST4460N

Standard Features

- All 4400 and 4500 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- "ST" prefix models have a 4" stainless steel backplash
- "D" prefix models feature Delfield's exclusive new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 5" casters for easy cleaning and

Installation

- 60-cycle single phase electrical system
- 6' cord and plug supplied
- One epoxy coated wire shelf standard, installed per door section
- Electromechanical control
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- 18" wide single tier overshef
- Stainless steel finish on back
- Plastic laminate on front
- Additional wire shelves
- 3" casters, 3.75" ride height
- Door lock
- Exterior thermometer
- Interior lights
- 220V/50 Hertz electrical system*

* Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front. The backplash is full width and 4" (10cm) tall.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides of door models are thermoformed ABS plastic with integral shelves supports. Interior back is one-piece 22-gauge stainless steel. Interior bottom and top are thermoformed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/5 H.P., with condenser coil and condensate evaporator mounted on rear of the cabinet. Evaporator coils are located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

Electromechanical control is mounted on the right side of the evaporator housing inside the cabinet. It allows the unit to maintain consistent temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Castors: Equipment is mounted on 5" (13cm) diameter plate casters with front two locking. Equipment clearance above the floor is 2.5" (6cm).

Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet of door models has one adjustable epoxy-coated wire shelf.

Drawers have a 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Drawer units have two drawers. Top drawer holds one 12" x 20" (30.5cm x 50.8cm), three 1/9 size and three 1/6 size 4"-6" (10.2cm-15.2cm) deep pans. Bottom drawer holds one 12" x 20", three 1/9 size and three 1/6 size 4" deep pans. Pans are supplied by others.



Only Model ST4460N

980 S. Isabella Rd.
 Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
 Fax: 800-669-0619

www.delfield.com

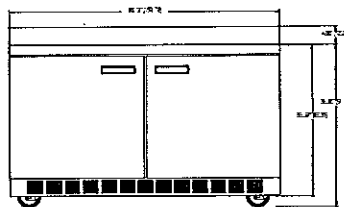


ST4460N Flat Top: Front-Breathing Self-Contained Flat Top Refrigerated Bases

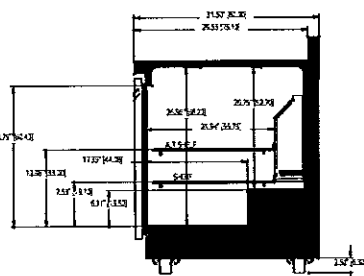


ST4460N Flat Top

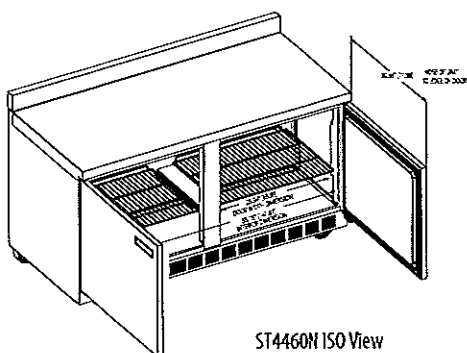
Front-Breathing Self-Contained Flat Top Refrigerated Bases



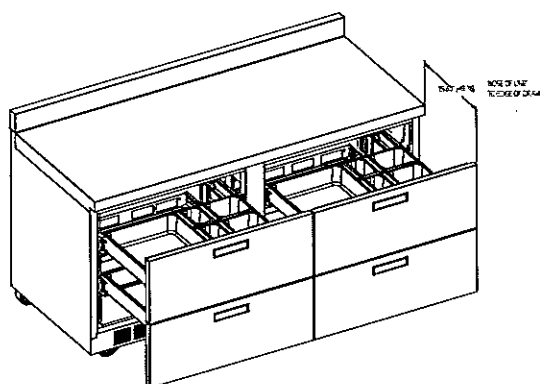
ST4460N Elevation View



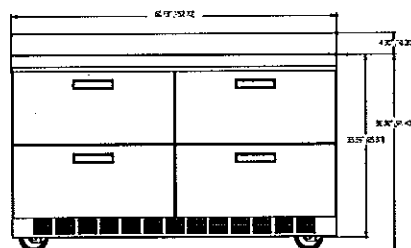
ST4460N Right Side View



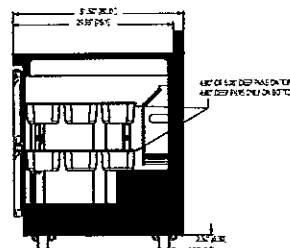
ST4460N ISO View



STD4460N ISO View



STD4460N Elevation View



STD4460N Right Side View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

Specifications

Model	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	Energy KWH/Day
ST4460N	2	7.19ft ²	20.20ft ³	1/5	115/60/1	3.9	5-15P	411lbs/186kg	2.75
STD4460N	NA	NA	20.20ft ³	1/5	115/60/1	3.9	5-15P	495lbs/225kg	NA

Delfield reserves the right to make changes to the design or specifications without prior notice.

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Mt. Pleasant, Michigan 48858

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Fax: 800-669-0619
www.delfield.com

Printed in the U.S.A.
DSST4460N
03/13





PANINI

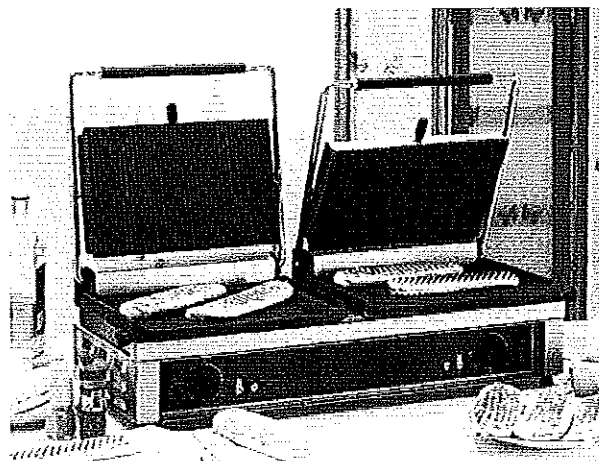
CONCEPT

ELECTRIC PANINI PRESSES

*A complete range of panini grills
especially suited for creative food
the easy way*

- ☐ Fine grain cast iron grooved and smooth plates
- ☐ Stainless steel base for lasting service
- ☐ Adjustable spring counter balanced top
- ☐ Detachable front drip tray and scraper for convenient cleaning
- ☐ Even heat distribution through top and bottom plates
- ☐ Rapid grilling of sandwiches, meat, fish and vegetables
- ☐ Thermostatically controlled up to 570°F
- ☐ On/off switch and pilot lights for convenience and safety

208/240 V

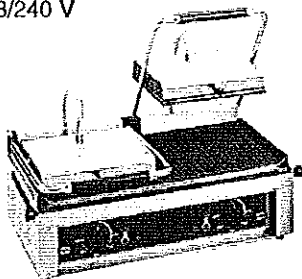
DIABLO


OPTIONS:

- * grooved top and bottom plates
- * smooth top and bottom plates
- * smooth right top and bottom/
grooved left top and bottom
- * smooth bottom/ grooved top.
- * optional timers (2 required)

MAJESTIC

208/240 V



OPTIONS:

- * grooved top and bottom plates
- * smooth top and bottom plates
- * smooth right top and bottom/
grooved left top and bottom
- * optional timers (2 required)

PANINI

120 V

208/240 V

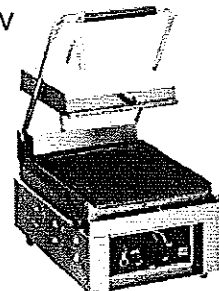


OPTIONS:

- * grooved top and bottom plates
- * smooth bottom/ grooved top
plates
- * smooth top and bottom plates
- * optional timer

SAVOY

120 V



OPTIONS:

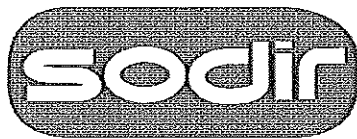
- * grooved top and bottom
plates
- * smooth top and bottom plates
- * optional timer


EQUIPEX LTD.

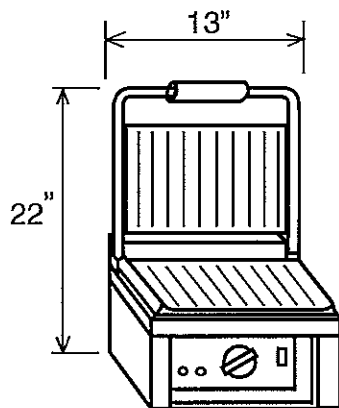
765 WESTMINSTER STREET PROVIDENCE, RI 02903

TEL: (401)273-3300 FAX: (401)273-3328 E-mail: sales@equipex.com

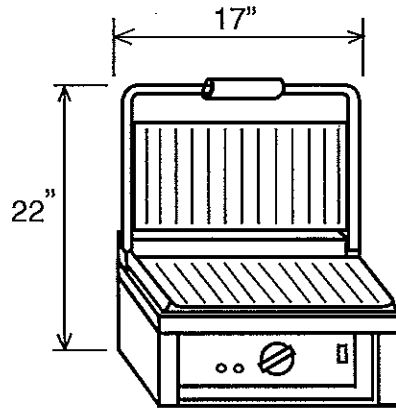
www.equipex.com



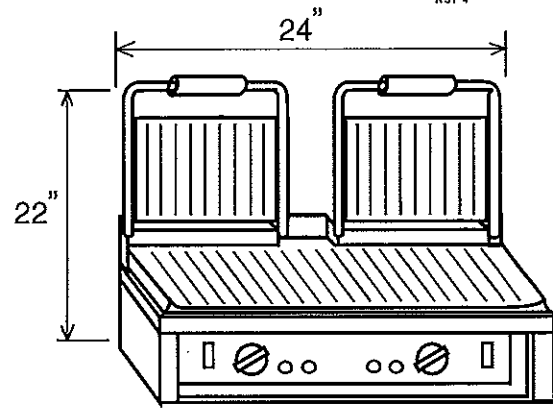
ELECTRIC PANINI PRESSES



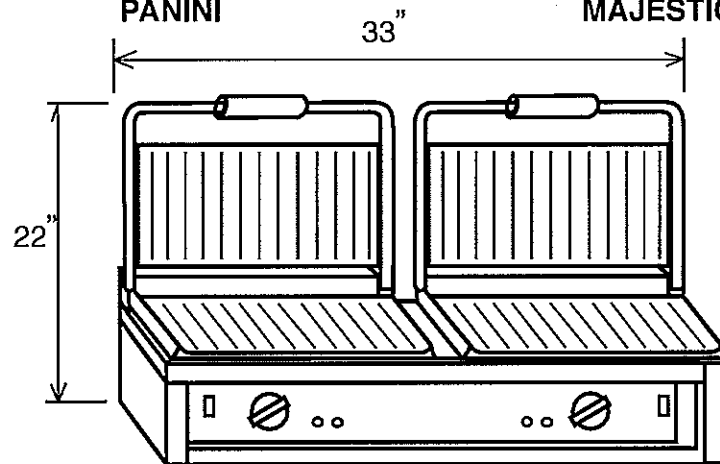
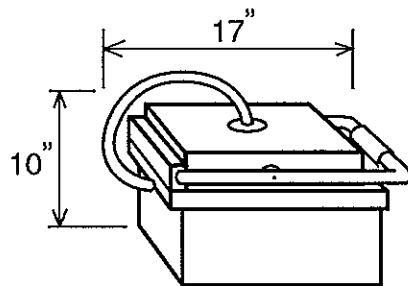
SAVOY



PANINI



MAJESTIC



DIABLO

SPECIFICATIONS

INSTALLATION CLEARANCE: 2" EACH SIDE

MODEL	ELECTRICAL	DIMENSIONS	WORK SURFACE	SHIPPING WEIGHT	NEMA PLUG
DIABLO	208/240V, 1PH 6.5KW, 24/27 Amps	33"Wx17"Dx22"H	14"Wx9 1/2"D two (2)	155 lbs	6-50 P
MAJESTIC	208/240V, 1PH 4KW, 16/18 Amps	24"Wx17"Dx22"H	21"Wx9 1/2"D	90 lbs	L6-30 P
PANINI	120V, 1.75KW, 14 Amps 208/240V, 1PH, 3KW, 12/14 Amps	17"Wx17"Dx22"H	14"Wx9 1/2"D	60 lbs	5-15 P 6-15 P
SAVOY	120V, 1.75KW, 14 Amps	13"Wx17"Dx22"H	10"Wx9 1/2"D	45 lbs	5-15 P

WARRANTY: Limited one year parts and labor



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TEL: (401)273-3300 FAX: (401)273-3328 E-mail: sales@equipex.com

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THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

- ☒ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING
 - ☐ WHERE SHOWN
 - ☐ RELOCATED
 - ☐ MODIFIED
- ☐ N.I.K.E.C. BY:
 - ☐ OWNER
 - ☐ SUPPLIER / VENDOR
 - ☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

thermalrite • 6514 E. 26th St. • Commerce, CA 90040 • (800) 290-7073

thermalrite



Walk-in Coolers and Freezers



Unique Panel Design and Construction

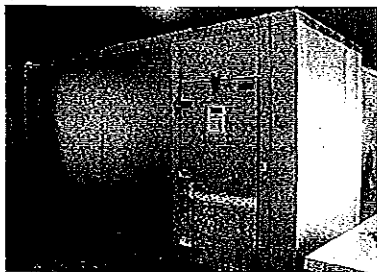
- ♦ Pre-fabricated urethane panels in 4", 5" & 6" thick
- ♦ Panel manufactured with non-CFC urethane
- ♦ Panel available up to 25' vertical height single span wall
- ♦ Ceiling 18' span, longer lengths available with structural steel support
- ♦ Corner panels and T's are one piece moulded unit
- ♦ Minimum of three cam-locks on all vertical wall panel edges
- ♦ Minimum of four cam-locks on each ceiling panel
- ♦ Tight-locking 3/4" x 1-1/4" tongue and groove urethane
- ♦ All seams are closed cell gasketed (NSF approved)
- ♦ 3 hinges per door

The
trademark
of
excellence
in
engineered
freezers
and
coolers

Thermalrite Refrigeration Company, LLC is pleased to offer the following information for your review and consideration.

In 1995, Thermalrite Refrigeration underwent a major facelift with respect to our manufacturing facility and as a result of this we have greatly enhanced our ability to meet the growing demands of the food service industry.

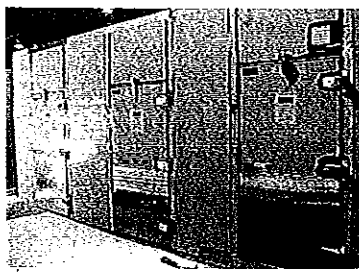
We have also installed a new high pressure "Cannon" foaming machine that provides us with the finest "on ratio" urethane insulation system available. Our Class I Modular panels are currently being used in test chambers throughout the country, with extreme temperatures reaching a high of +220°F, and a low of -90°F.



Thermalrite Refrigeration is a custom manufacturer. We are committed to providing the proper size and configuration to meet any and all requirements, and for this reason we do not use nominal size panels. You can be certain, that all available space designated for cold storage will be used for cold storage and best of all, we don't charge extra for this service. In fact, it may even cost less.

We are very proud of our product, our tooling, and our facility. However, we feel that our finest accomplishment has been the assembly of our management team.

The most important asset of our company is its people, and our people are second to none. Each member of our



management team has over twenty years of experience in this business and with this kind of background, we feel confident that we can meet any and all cold storage room requirements.

Our management team is at your service:

Joshua Klein - President
Brian Dror - Chief Financial Officer
Dave Jett - General Manager
Manuel Cazares - Plant Manager

We have included a partial customer list for your review. If we can be of any further assistance at any time or for any reason we ask that you feel free to contact us.

Sincerely,

Dave Jett
General Manager
Tel. (800) 290-7073



*These photos were taken at our plant in Commerce, California. It is our promise that all panels fit together before they leave our premises.

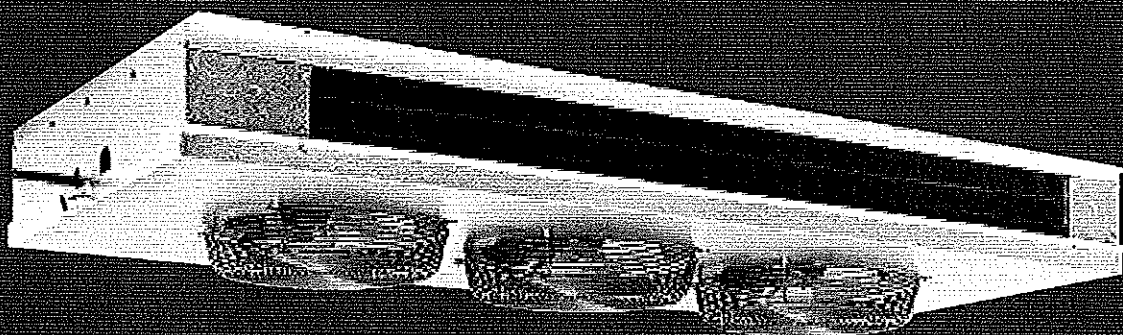


Ceiling-Temp

Extra Low Profile Unit Cooler

Publication No. 119.4

July, 1996



• Applications

The **Ceiling-Temp** unit cooler is designed for use in walk-in coolers and freezers with low headroom clearance. It's extra low height allows more product to be stored on shelves. The dual air flow design provides even temperatures throughout the box.

• Sizes

There are twenty models available, ranging in capacity from 4,800 to 25,000 BTUH @ 10° TD.

• Coil

The coil is constructed from seamless Copper tubes which are staggered and mechanically expanded into heavy gauge, corrugated, Aluminum fins, assuring maximum heat transfer. Optionally available with Copper or phenolic coated fins (phenolic fins are for air defrost only).

• Housing

Rust free heavy gauge textured Aluminum is standard. Optionally available with white enamel coating.

• Motors /fans

Fan motors and blades can be easily accessed by lowering the hinged drain pan. Motors are life lubricated and are commonly in stock at most whole sale houses.

• Electrical

Available in 115V, 208-230V and 460V/1. All components are factory wired to terminal strips and are UL and CUL listed.

• Defrost

All models are available in air and electric defrost designs. Air defrost units are suitable for use in coolers down to 35°F. Electric defrost units are designed for use in rooms down to -10°F.



221 S. Berry St., P.O. Box 1030, Brea, CA. 92822-1030 • Tel (714)529-1935 • Fax (714)529-7203



Specifications

AIR DEFROST / walk-in coolers 35°F and above

	MODEL NUMBER	BTUH @ +25°F S.T.		CFM	MOTOR AMPS		DEFROST WATTS	DEFROST AMPS	
		10°T.D.	15°T.D.		115/1	230/1		230/1	460/1
8 FPI	CTA38-75	7,500	11,250	1,455	3.3	1.7	NOT AVAILABLE IN ELECTRIC DEFROST		
	CTA38-88	8,800	13,200	1,305	3.3	1.7			
	CTA38-98	9,800	14,700	1,200	3.3	1.7			
	CTA48-112	11,200	16,800	2,120	4.4	2.2			
	CTA48-130	13,000	19,500	1,920	4.4	2.2			
	CTA48-150	15,000	22,500	1,760	4.4	2.2			
	CTA58-162	16,200	24,300	2,320	5.5	2.8			
	CTA48-210	21,000	31,500	1,820	4.4	2.2			
	CTA58-230	23,000	34,500	2,650	5.5	2.8			
6 FPI	CTA68-250	25,000	37,500	2,970	6.6	3.3			
	CTA36-64	6,400	9,600	1,560	3.3	1.7			
	CTA36-82	8,200	12,300	1,425	3.3	1.7			
	CTA36-93	9,300	13,950	1,305	3.3	1.7			
	CTA46-100	10,000	15,000	2,160	4.4	2.2			
	CTA46-123	12,300	18,450	2,040	4.4	2.2			
	CTA46-140	14,000	21,000	1,920	4.4	2.2			
	CTA56-157	15,700	23,500	2,360	5.5	2.8			
	CTA46-190	19,000	28,500	1,940	4.4	2.2			
	CTA56-208	20,800	31,200	2,850	5.5	2.8			
	CTA66-232	23,200	34,800	3,150	6.6	3.3			

Standard voltage supplied on CTA models is 115/1/60

ELECTRIC DEFROST / walk-in coolers and freezers below +34°F

	MODEL NUMBER	BTUH @ 10°T.D.		CFM	MOTOR AMPS		DEFROST WATTS	DEFROST AMPS	
		-20°S.T.	+20°S.T.		115/1	230/1		230/1	460/1
6 FPI	CTE36-53	5,300	6,360	1,440	3.3	1.7	2070	9.0	4.5
	CTE36-62	6,200	7,440	1,290	3.3	1.7	2070	9.0	4.5
	CTE36-69	6,900	8,200	1,245	3.3	1.7	2070	9.0	4.5
	CTE46-77	7,700	9,240	2,075	4.4	2.2	2990	13.0	6.5
	CTE46-90	9,000	10,800	1,860	4.4	2.2	2990	13.0	6.5
	CTE46-100	10,000	12,000	1,740	4.4	2.2	2990	13.0	6.5
	CTE56-125	12,500	15,000	2,160	5.5	2.8	3910	17.0	8.5
	CTE46-140	14,000	16,800	1,820	4.4	2.2	3910	17.0	8.5
	CTE56-160	16,000	19,200	2,550	5.5	2.8	3910	17.0	8.5
4 FPI	CTE66-218	21,800	23,200	3,000	6.6	3.3	3910	17.0	8.5
	CTE34-48	4,800	5,760	1,500	3.3	1.7	2070	9.0	4.5
	CTE34-58	5,800	6,960	1,395	3.3	1.7	2070	9.0	4.5
	CTE34-65	6,500	7,800	1,350	3.3	1.7	2070	9.0	4.5
	CTE44-72	7,200	8,640	2,120	4.4	2.2	2990	13.0	6.5
	CTE44-84	8,400	10,080	1,980	4.4	2.2	2990	13.0	6.5
	CTE44-95	9,500	11,400	1,900	4.4	2.2	2990	13.0	6.5
	CTE54-115	11,500	13,800	2,280	5.5	2.8	3910	17.0	8.5
	CTE44-128	12,800	15,360	1,940	4.4	2.2	3910	17.0	8.5
	CTE54-145	14,500	17,400	2,650	5.5	2.8	3910	17.0	8.5
	CTE64-173	17,300	20,760	3,080	6.6	3.3	3910	17.0	8.5

Standard voltage supplied on CTE models is 208-230/1/60

Ceiling-Temp

Dimensions

AIR DEFROST Models

	MODEL NUMBER	DIMENSIONS(IN)					TXV TYPE	CONNECTIONS(IN)		SHIP WT. (LBS)
		L	W	H	A	B		LIQ. (ODS)	SUCT. (ODS)	
8 FPI	CTA38-75	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	95
	CTA38-88	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	100
	CTA38-98	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	105
	CTA48-112	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	125
	CTA48-130	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	130
	CTA48-150	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	135
	CTA58-162	106-1/2	28-3/4	8-3/4	48	48	EXT	1/2	7/8	150
	CTA48-210	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	155
	CTA58-230	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	165
6 FPI	CTA68-250	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	1-1/8	185
	CTA36-64	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	90
	CTA36-82	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	95
	CTA36-93	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	100
	CTA46-100	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	120
	CTA46-123	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	125
	CTA46-140	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	130
	CTA56-157	106-1/2	28-3/4	8-3/4	48	48	EXT	1/2	7/8	145
	CTA46-190	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	150
	CTA56-208	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	160
	CTA66-232	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	1-1/8	180

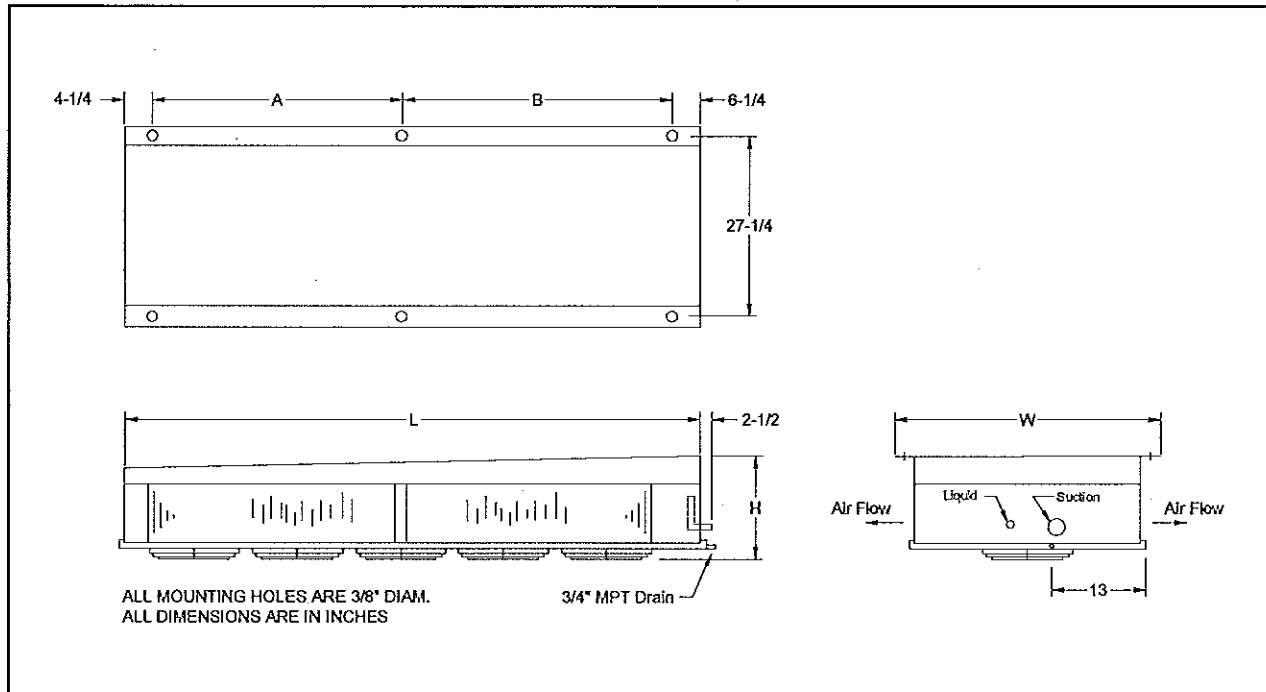
ELECTRIC DEFROST Models

	MODEL NUMBER	DIMENSIONS(IN)					TXV TYPE	CONNECTIONS(IN)		SHIP WT. (LBS)
		L	W	H	A	B		LIQ. (ODS)	SUCT. (ODS)	
6 FPI	CTE36-53	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	95
	CTE36-62	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	100
	CTE36-69	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	105
	CTE46-77	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	125
	CTE46-90	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	130
	CTE46-100	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	135
	CTE56-125	106-1/2	28-3/4	8-3/4	48	48	EXT	1/2	7/8	150
	CTE46-140	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	155
	CTE56-160	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	165
4 FPI	CTE66-218	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	1-1/8	185
	CTE34-48	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	90
	CTE34-58	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	95
	CTE34-65	58-1/2	28-3/4	8	24	24	EXT	1/2	5/8	100
	CTE44-72	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	120
	CTE44-84	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	125
	CTE44-95	82-1/2	28-3/4	8-3/4	36	36	EXT	1/2	7/8	130
	CTE54-115	106-1/2	28-3/4	8-3/4	48	48	EXT	1/2	7/8	145
	CTE44-128	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	150
	CTE54-145	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	7/8	160
	CTE64-173	106-1/2	28-3/4	10-1/4	48	48	EXT	1/2	1-1/8	180

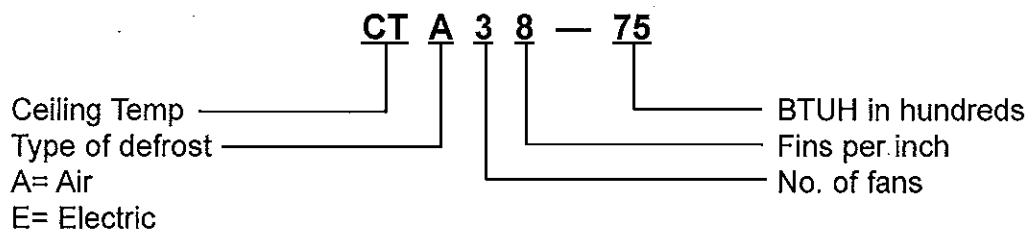


Ceiling-Temp

Dimensions



Nomenclature





UNI-PAK

**Air Cooled
Condensing Units**

1/2 to 6 HP

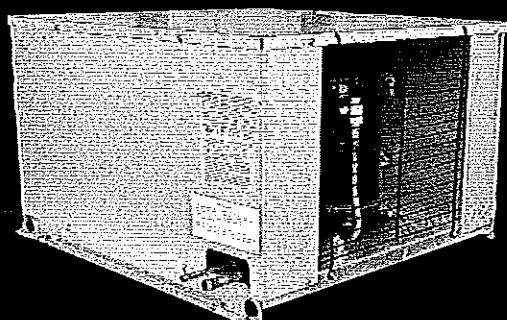
Publication No. 502.12

January, 2004

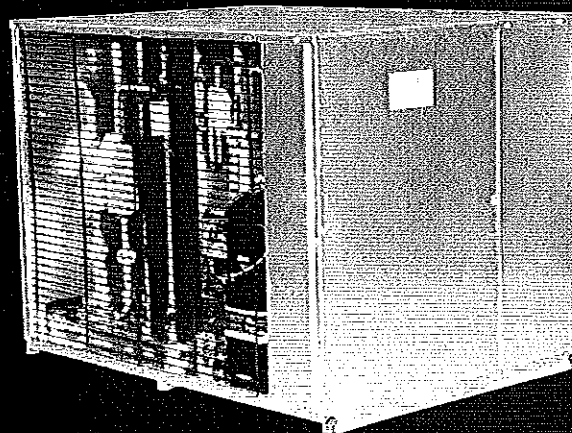
**NOW AVAILABLE
THROUGH 6 HP**

**Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient**

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

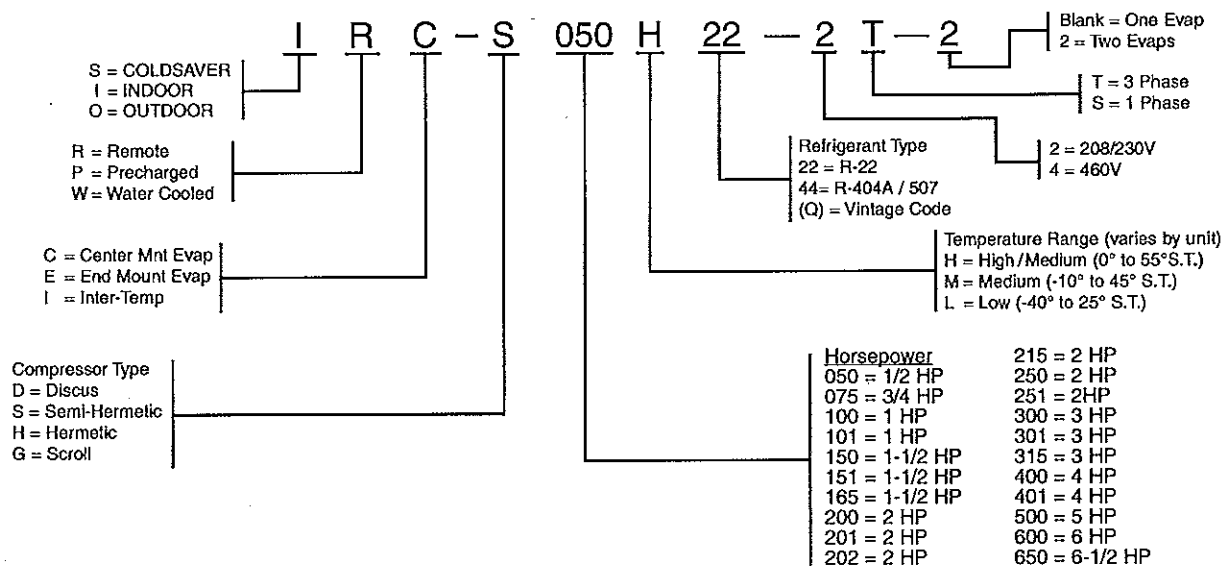
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorbert and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorbert, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

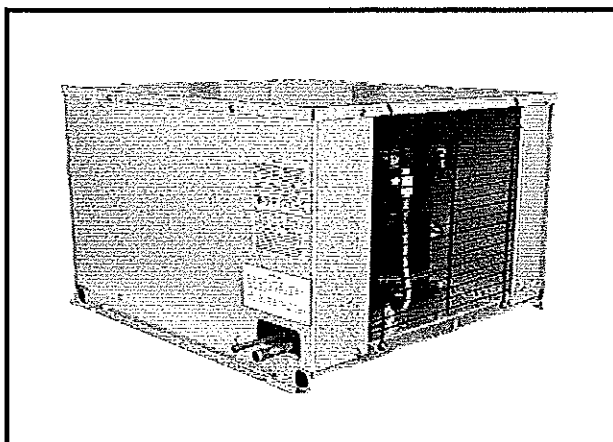
† Vibrasorbert not required for Hermetic and Scroll compressors. Vibrasorbert not Included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorbert required.

††Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorberts and compressor spring mounting.

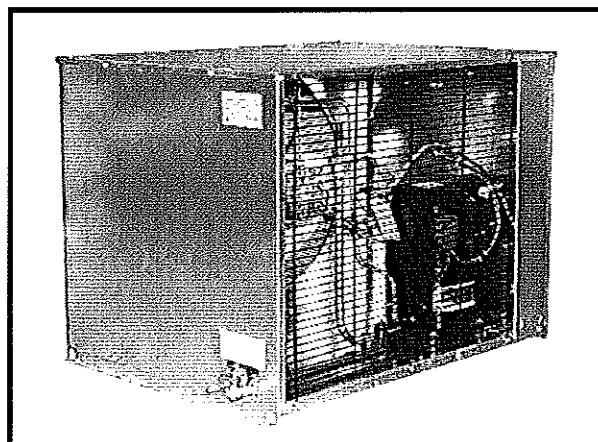
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT										REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)	
			SUCTION TEMPERATURE °F												LIQ.	SUC.		
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
22	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
22	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0


ColdZone

Performance Data

Physical Data

Semi-Hermetic Models

404A

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90°F (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

22	*S050H22	0.5	4930	4100	3700	3330	2650	2070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	189
	*S075H22	0.75	9020	7280	6480	5730	4370	3200	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	215
	*S100H22	1	12060	9950	8980	8080	6450	5070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	220
	*S150H22	1.5	16600	13600	12200	10800	8500	6400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	247
	*S200H22	2	22500	18400	16600	14800	11500	8400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	260
	*S300H22	3	34500	28200	25300	22600	17800	13800	-----	-----	-----	-----	-----	16.0	2	1/2	1-1/8	420
	*S400H22	4	47600	39200	35300	31600	25000	19200	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
	*S400M22	4	-----	-----	31500	28300	22400	17800	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
	*S500H22	5	56800	47000	42400	38100	30100	23100	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
	*S500M22	5	-----	-----	50600	45500	36300	29000	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
22	*S050L22	0.5	-----	-----	-----	-----	-----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
	*S075L22	0.75	-----	-----	-----	-----	-----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
	*S100L22	1	-----	-----	-----	-----	-----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
	*S200L22	2	-----	-----	-----	-----	-----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
	*S201L22	2	-----	-----	-----	-----	-----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
	*S202L22	2	-----	-----	-----	-----	-----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
22	*S300L22	3	-----	-----	-----	-----	-----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

404A	*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
	*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
	*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
	*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
	*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
22	*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
	*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
	*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
	*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*S050M44	HAK-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	-----	-----	-----	-----	-----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	-----	-----	-----	-----	-----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	-----	-----	-----	-----	-----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300M44	ERF-031E	-----	-----	-----	-----	-----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	-----	-----	-----	-----	-----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	-----	-----	-----	-----	-----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	-----	-----	-----	-----	-----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	-----	-----	-----	-----	-----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	-----	-----	-----	-----	-----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	-----	-----	-----	-----	-----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	-----	-----	-----	-----	-----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	-----	-----	-----	-----	-----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	-----	-----	-----	-----	-----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	-----	-----	-----	-----	-----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	-----	-----	-----	-----	-----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

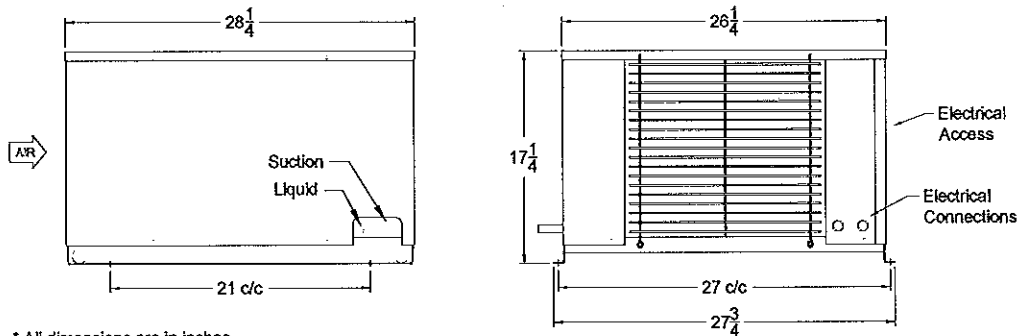
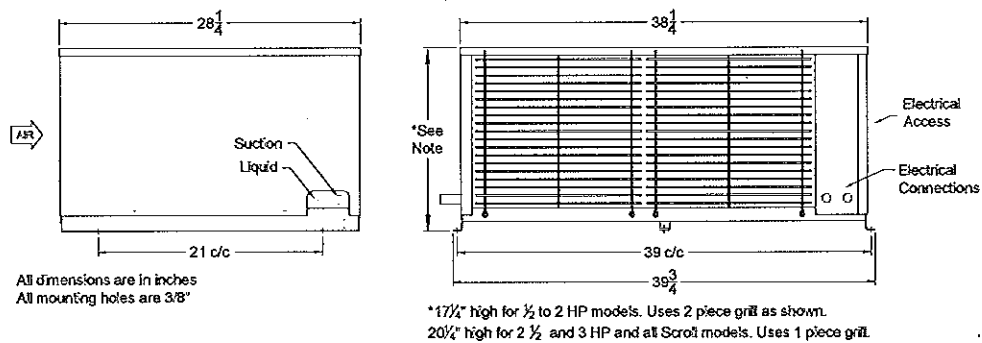
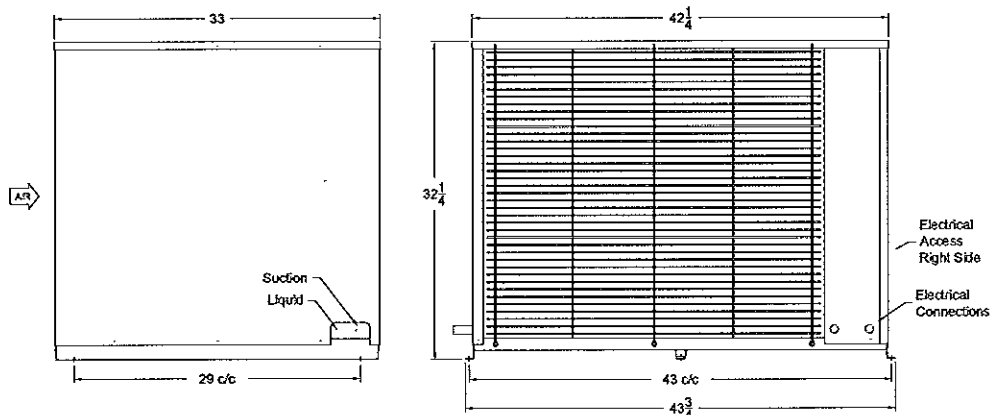
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

• Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500



Item # _____

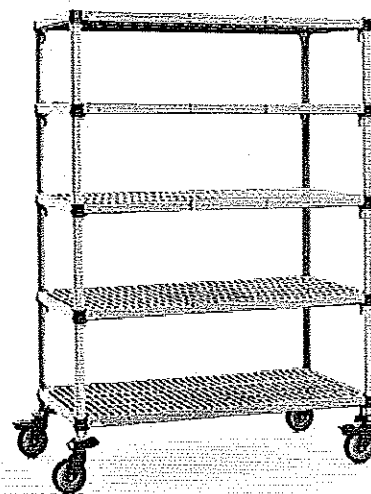
Job _____

METROMAX Q™ SHELVING

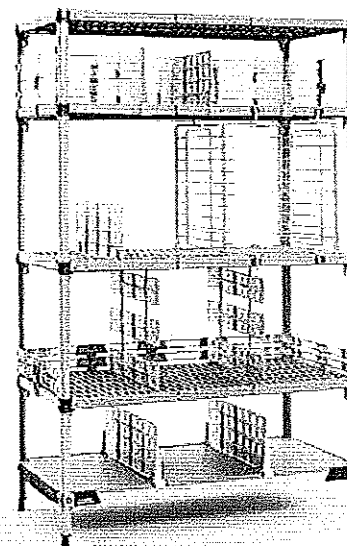
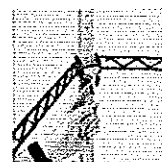
with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

- **Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
2,000 lbs. (907kg) maximum per stationary unit.
- **Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- **Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- **Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- **Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- **Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- **Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize *all* space between shelves.
- **Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



MetroMax Q with Accessories and
MetroMax i Solid Bottom Shelf

*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9.21



METROMAX Q™ POLYMER AND STEEL SHELVING

Specifications

- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

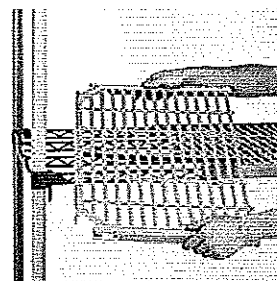
- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax i™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax i™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

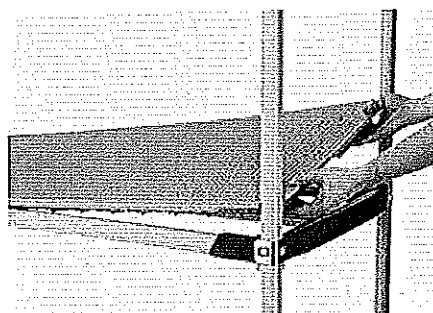
Actual Dimensions:

Width: Add 1/8" (10mm) to nominal size.

Length: Subtract 1/8" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax i™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax i™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed: 1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

Fits Shelf (in.) (mm)	Model No.	Approx. Pkd. Wt. (lbs.) (kg)
21x24 530x610	Q2124SM	0.35 0.16
21x30 530x760	Q2130SM	0.45 0.20
21x36 530x914	Q2136SM	0.50 0.23
21x42 530x1060	Q2142SM	0.60 0.27
21x48 530x1220	Q2148SM	0.70 0.32
21x54 530x1372	Q2154SM	0.80 0.36
21x60 530x1524	Q2160SM	0.90 0.41
21x72 530x1829	Q2172SM	1.00 0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



**MetroMax Q
Steel Post**



**MetroMax i
Polymer Post**

Nominal Height		Actual Height*		MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT		MetroMax i Polymer Model No.	Approx. Pkd. Wt.	
(in.)	(mm)	(in.)	(mm)		Approx. Pkd. Wt. (lbs.)	(kg)		(lbs.)	(kg)
13	370	14 3/4	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 3/4	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 3/4	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 3/4	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 3/4	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 3/4	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 3/4	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height		Actual Height*		MetroMax Q Steel Model No.	POST FOR STEM CASTER		MetroMax i Polymer Model No.	Approx. Pkd. Wt.	
(in.)	(mm)	(in.)	(mm)		Approx. Pkd. Wt. (lbs.)	(kg)		(lbs.)	(kg)
13	370	13 3/4	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 3/4	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 3/4	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 3/4	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 3/4	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 3/4	1765	MQ70UPE	5.0	2.3			
74	1690	73 3/4	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 3/4	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



**Replacement
MetroMax Q Wedges
MQ9985**

NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X



Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

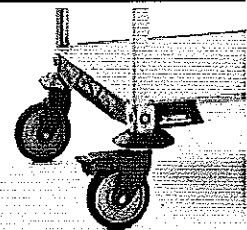
Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum —
900 lbs. (363kg) per stem caster cart.



**Replacement Bumper
M9992DBX**



Job _____

9.21

METROMAX Q™ POLYMER AND STEEL SHELVING



Starter and Add-On Units

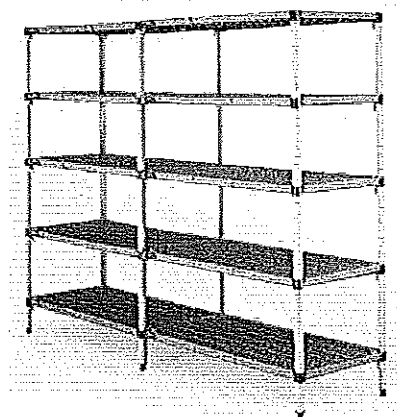
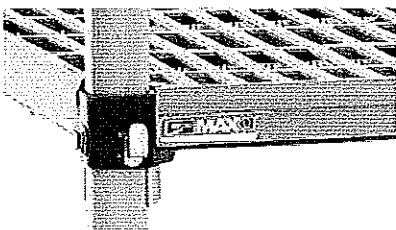
- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and "S" Hooks (M9995)

"S" Hook: Used to "add on" one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two "S" hooks are required for each shelf.
Cat. No. M9995

MetroMax Q™ Intermediate

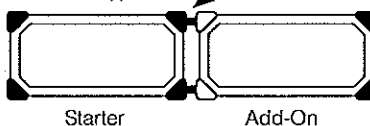
"S" Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

Model No. Q9995Z



- Regular "S" Hook location
- ✕ Intermediate bracket location
- Post
- Post not required

END-TO-END
"S" Hooks
M9995 — qty. 2

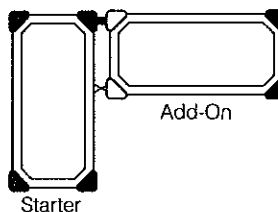


Starter

Add-On

RIGHT ANGLES

Intermediate "S" Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1

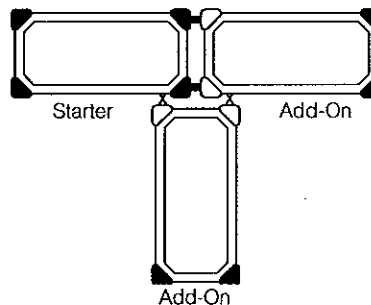


Starter

Add-On

COMBINATION

Intermediate "S" Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



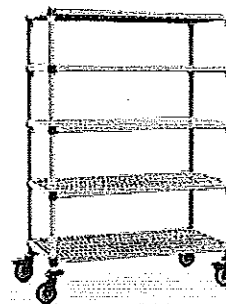
Starter

Add-On

Add-On

MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



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THIS ITEM IS: WORK COUNTER, REFRIG.

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:



UNI-PAK

**Air Cooled
Condensing Units**

1/2 to 6 HP

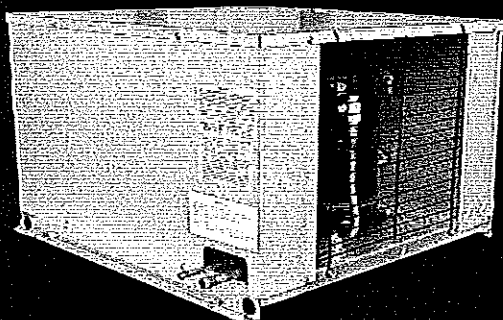
Publication No. 502.12

January, 2004

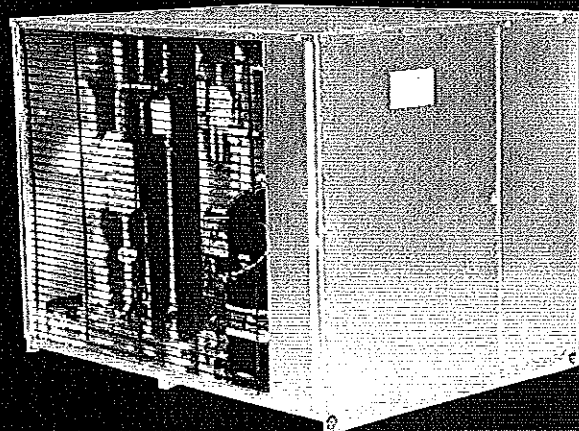
**NOW AVAILABLE
THROUGH 6 HP**

**Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient**

1/2 to 3 HP



4 to 6 HP



221 S. Berry St., P.O. Box 1030, Brea, CA 92822-1030 • Tel (714) 529-4461 • FAX (714) 529-8503 www.coldzone.com



Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

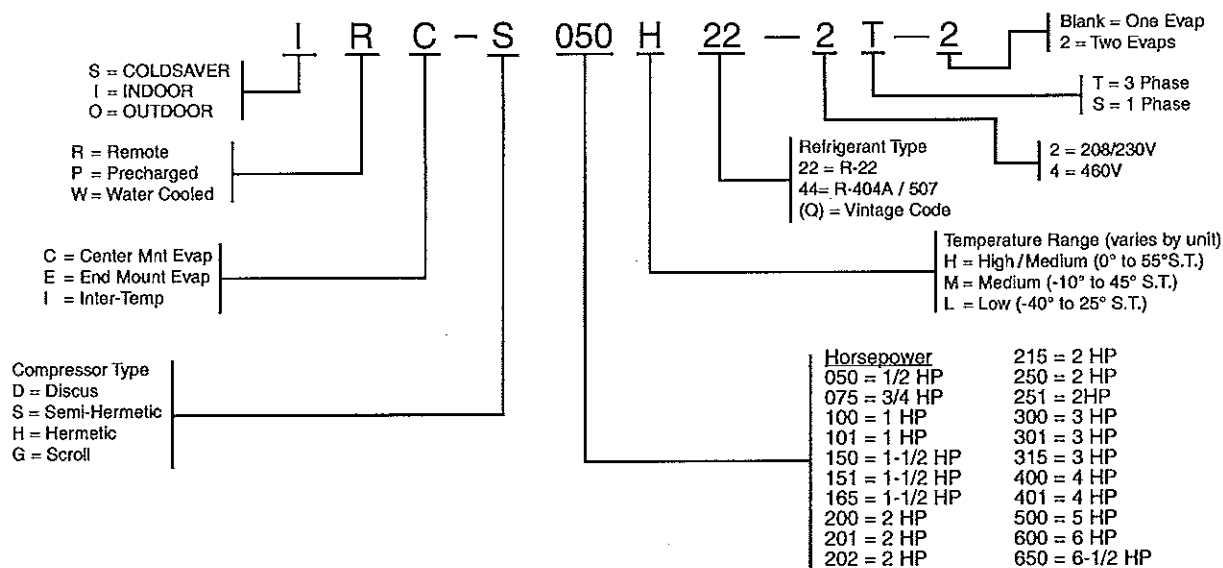
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorber† and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorber†, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

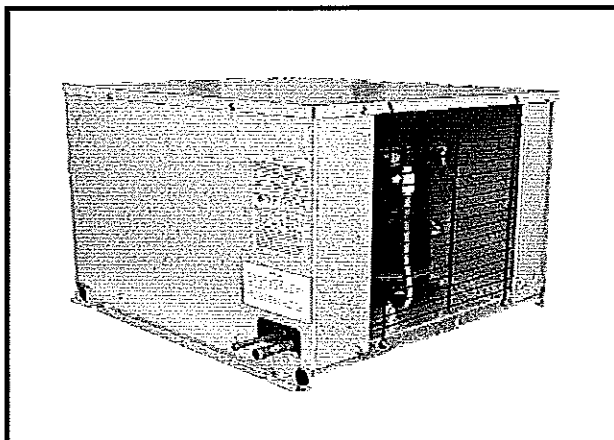
† Vibrasorber not required for Hermetic and Scroll compressors. Vibrasorber not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorber required.

†† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorbers and compressor spring mounting.

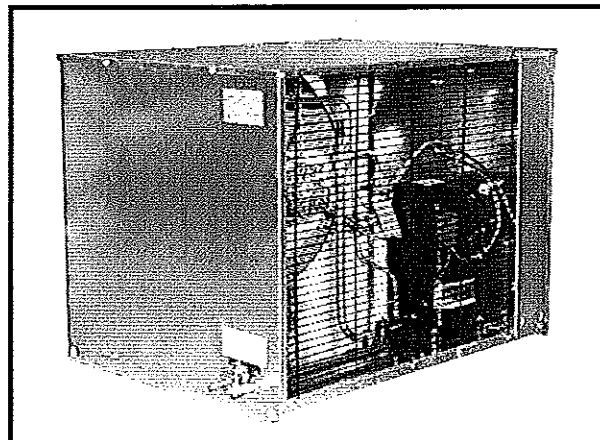
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
22	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
22	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
404A	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF08K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

Disc Models

404A	*D500M44	5	63700	53600	49100	44800	36700	29500	23500	----	----	----	----	24.3	3	1/2	1-1/8	560
	*D600M44	6	71300	61200	56300	51600	42700	34700	27700	----	----	----	----	24.3	3	1/2	1-1/8	560
	*D300L44	3	----	----	----	----	----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
	*D400L44	4	----	----	----	----	----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
	*D500L44	5	----	----	----	----	----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
22	*D500H22	5	64100	53300	48300	43600	34800	----	----	----	----	----	----	28.2	3	1/2	1-1/8	560
	*D300L22	3	----	----	----	----	----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
	*D400L22	4	----	----	----	----	----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
	*D500L22	5	----	----	----	----	----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*S050M44	HAK-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	----	----	----	----	----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	----	----	----	----	----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	----	----	----	----	----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300M44	ERF-031E	----	----	----	----	----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	----	----	----	----	----	21.8	141	3.2	26.0	32	----	----	----	----	----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	----	----	----	----	----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	----	----	----	----	----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	----	----	----	----	----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	----	----	----	----	----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	----	----	----	----	----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	----	----	----	----	----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	----	----	----	----	----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	----	----	----	----	----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	----	----	----	----	----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	----	----	----	----	----	----	----	----	----	----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	----	----	----	----	----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	----	----	----	----	----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

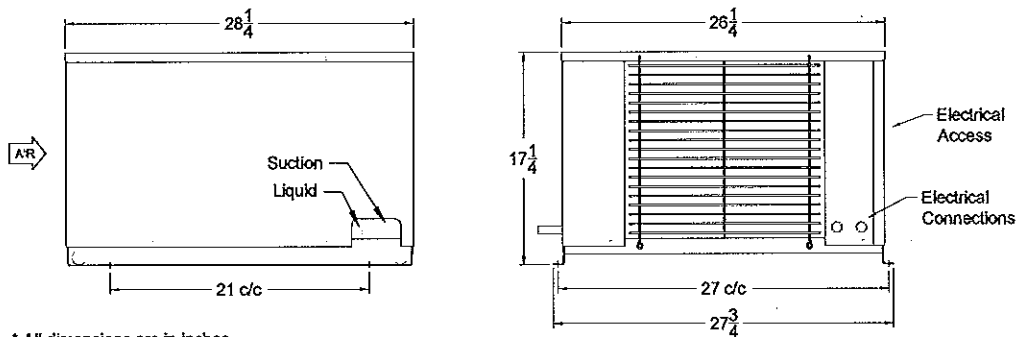
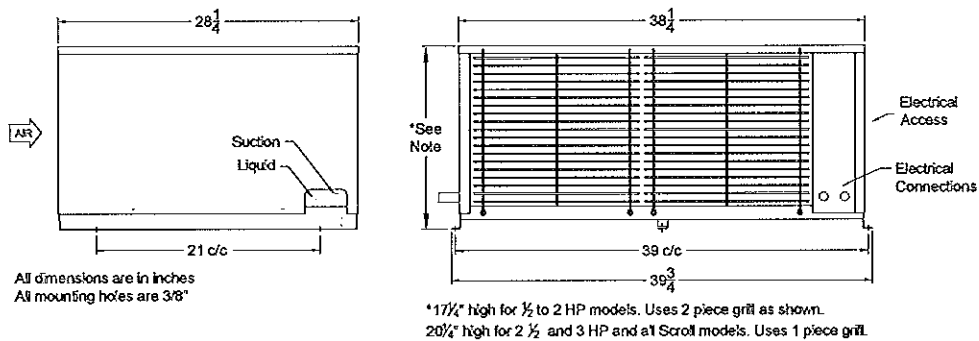
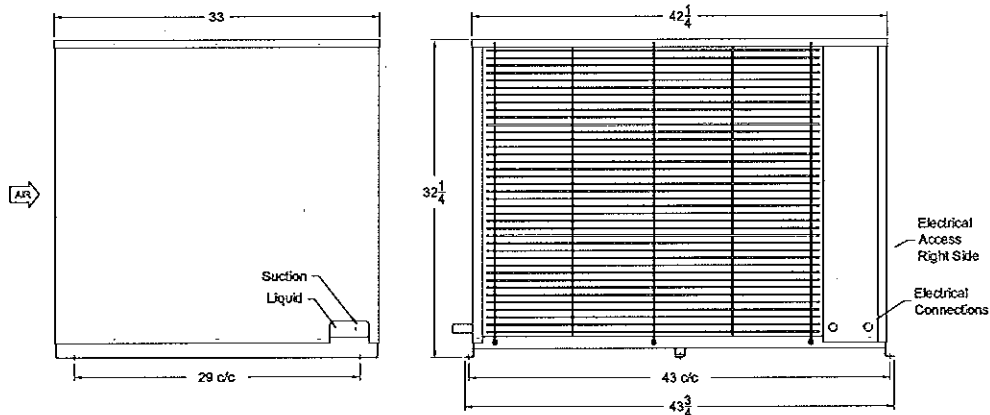
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

THIS ITEM IS: WORK COUNTER, REFRIG.

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:



UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

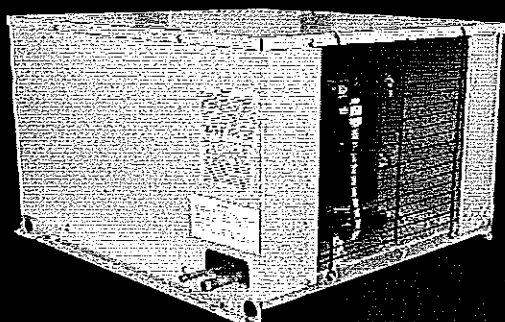
Publication No. 502.12

January, 2004

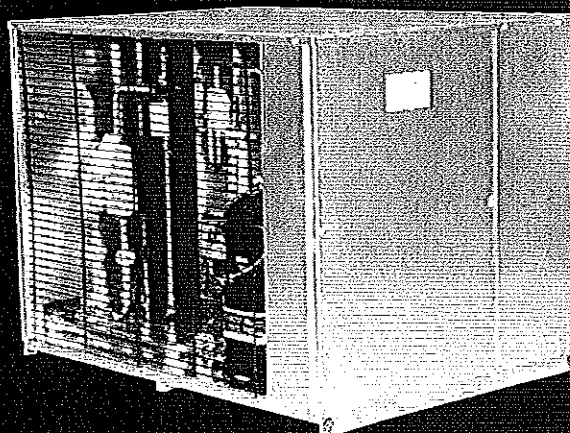
**NOW AVAILABLE
THROUGH 6 HP**

**Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient**

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

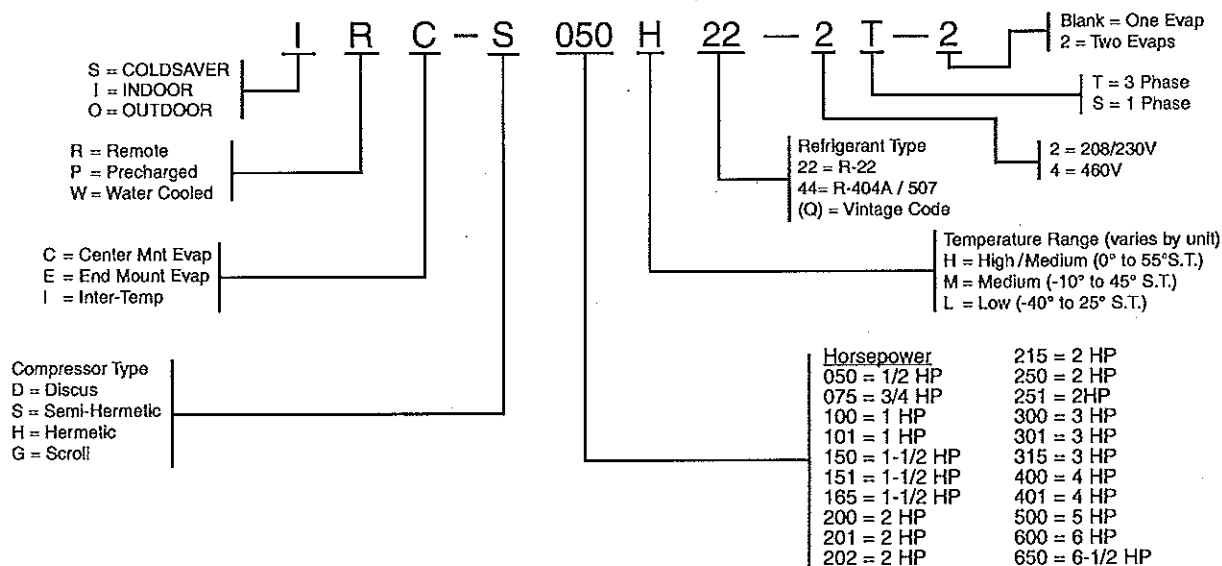
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorbert and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorbert, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorbert	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

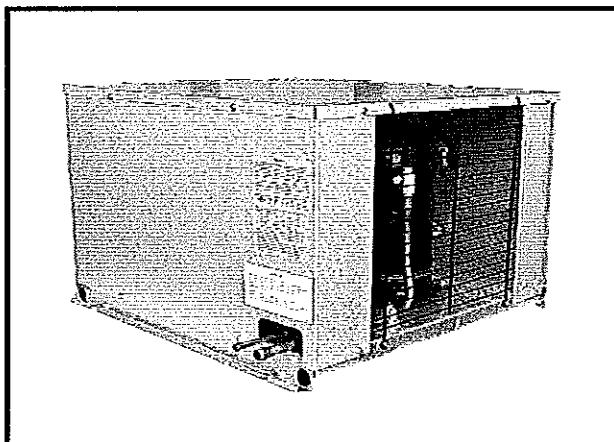
† Vibrasorbert not required for Hermetic and Scroll compressors. Vibrasorbert not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorbert required.

††Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorberts and compressor spring mounting.

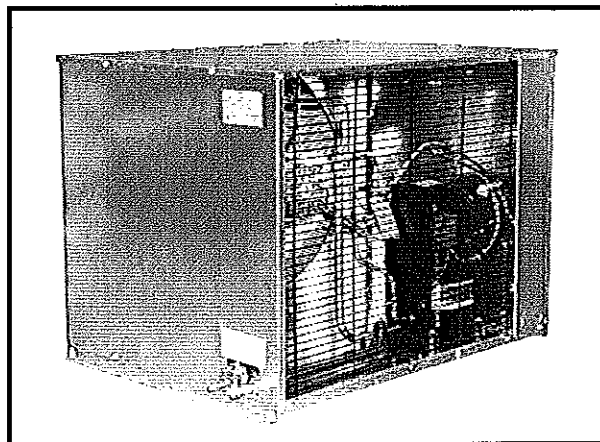
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
22	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

404A	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
22	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF08K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



ColdZone

Performance Data

Physical Data

Semi-Hermetic Models

404A

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

*S050H22	0.5	4930	4100	3700	3330	2650	2070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	-----	-----	-----	-----	-----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S400M22	4	-----	-----	31500	28300	22400	17800	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S500M22	5	-----	-----	50600	45500	36300	29000	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	-----	-----	-----	-----	-----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	-----	-----	-----	-----	-----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	-----	-----	-----	-----	-----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	-----	-----	-----	-----	-----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	-----	-----	-----	-----	-----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	-----	-----	-----	-----	-----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	-----	-----	-----	-----	-----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*S050M44	HAI-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	----	----	----	----	----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	----	----	----	----	----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	----	----	----	----	----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300M44	ERF-031E	----	----	----	----	----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	----	----	----	----	----	21.8	141	3.2	26.0	32	----	----	----	----	----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	----	----	----	----	----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	----	----	----	----	----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	----	----	----	----	----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	----	----	----	----	----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	----	----	----	----	----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	----	----	----	----	----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	----	----	----	----	----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	----	----	----	----	----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	----	----	----	----	----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	----	----	----	----	----	----	----	----	----	----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	----	----	----	----	----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	----	----	----	----	----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

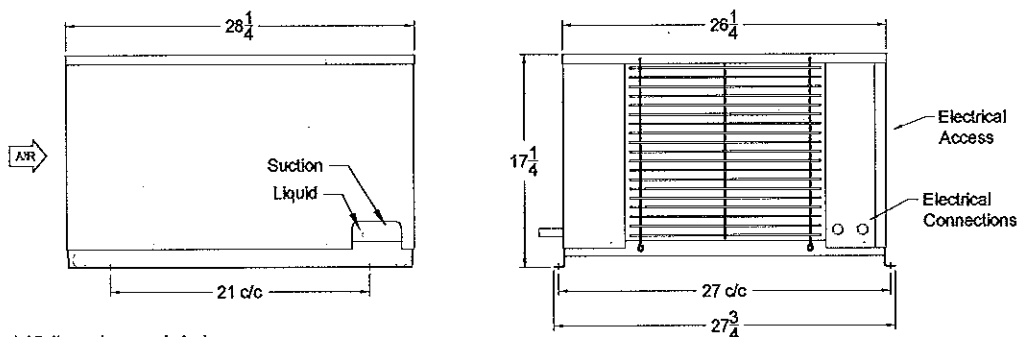
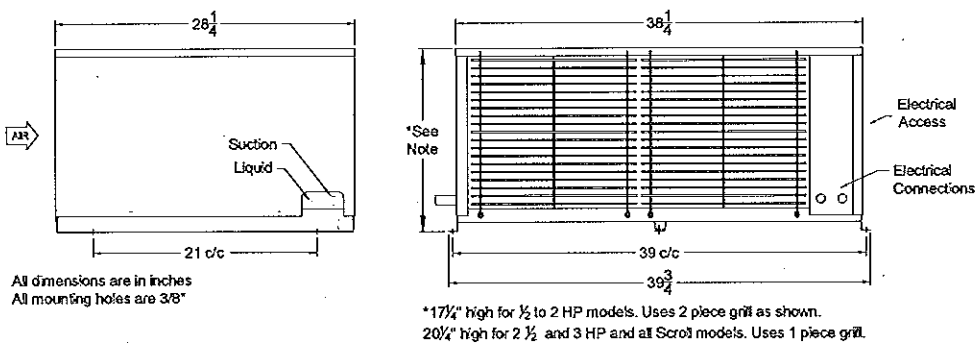
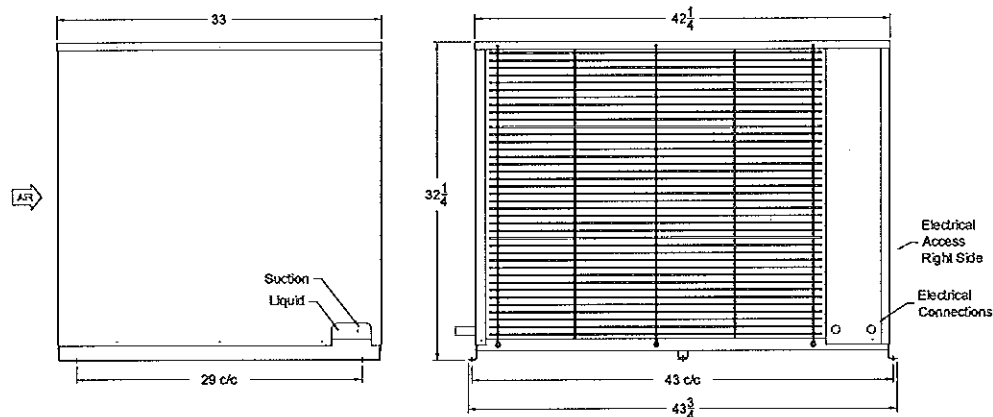
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

THIS ITEM IS: SNEEZE GUARD

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

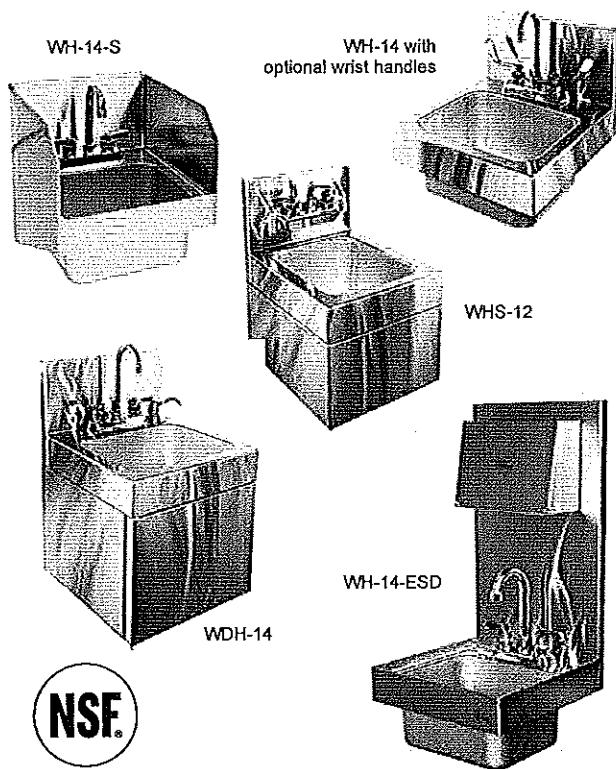
☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

Glastender®

A family company manufacturing in the USA



All faucets are NSF/ANSI 61, Annex G
low lead compliant

Project: _____	ATA# _____
Item #: _____ Qty: _____	SIS# _____
Model #: _____	

Wall-Hung Hand Sinks

see reverse side for model numbers

Standard Features

- Manufactured with total welded construction to meet all NSF* standards
- All stainless steel construction
- 9-1/4" by 11-1/2" by 6" deep sink bowl
- Includes wall mounting bracket
- Includes 1-1/2" IPS drain fitting
- Heavy-duty faucet is standard (available less faucet by adding the suffix '-LF' to the model number)
- Left and right side splashes available as an accessory
- Model WH-12 and WHS-12 include a special backsplash faucet mounting bracket for easy removal and inspection of faucet after installation
- Models WH-14-S and WHS-14-S include integral left and right side splashes, featuring radius worksurface corners for easy cleaning and a front lip to contain splashes
- Model WDH-14 includes built-in soap and C-fold paper towel dispensers
- Model WH-14-ESD includes a 1" deep recessed work surface with extra tall backsplash to contain splashes, and soap and papertowel dispenser

Specifications

Drains

- 1-1/2" I.P.S. Threaded drain will fit Dearborn part #8033 slipnut and part #W-573P washer.

Faucet

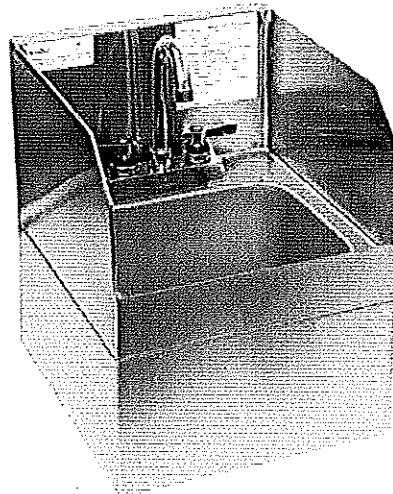
- Deck mount on 4" centers, accepts 3/8" sink leads, hot and cold water connections required (except model WH-12 and WHS-12)
- Model WH-12 and WHS-12: Backsplash mounted on 4" centers, accepts 3/8" sink leads, hot and cold water connections required

Sink Bowl Dimensions

- 9-1/4" by 11-1/2" by 6" deep

Materials

- 20 gauge stainless steel parts include: all components unless otherwise noted
- 18 gauge stainless steel parts include: wall mounting bracket



Model WHS-14-S featuring integral side splashes, radius worksurface corners for easy cleaning and a front lip to contain splashes

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Approval/Notes:

Specifications subject to change without notice. For current specifications please visit our website.

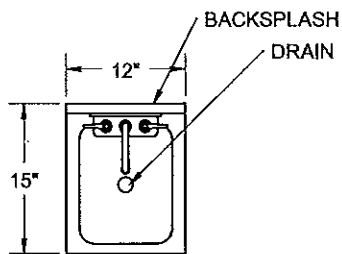
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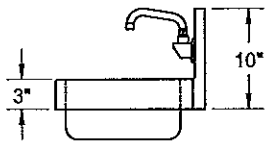
Rev. 12-08-11

Wall-Hung Hand Sinks

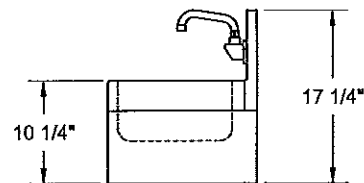
Dimensional Information



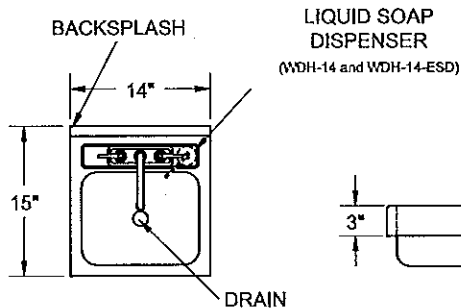
PLAN VIEW
(all 12" models)



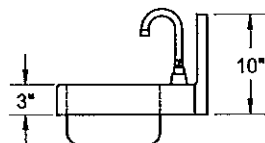
WH-12
SIDE VIEW



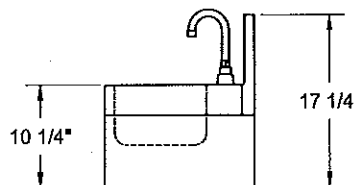
WHS-12
SIDE VIEW



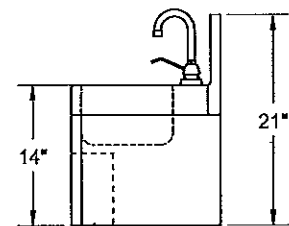
PLAN VIEW
(all 14" models)



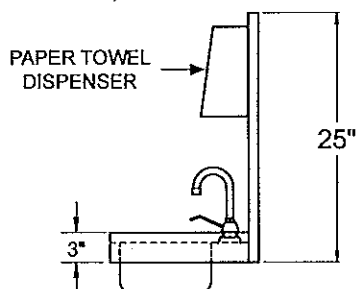
WH-14
SIDE VIEW



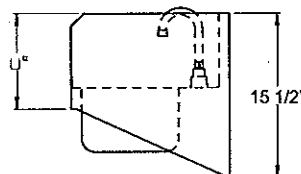
WHS-14
SIDE VIEW



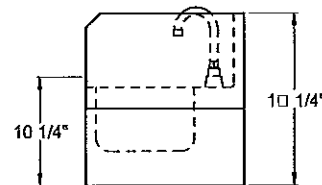
PAPER TOWEL
DISPENSER
WDH-14
SIDE VIEW



WH-14-ESD
SIDE VIEW

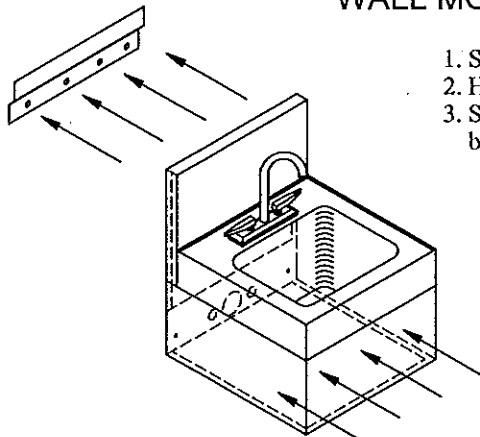


WH-14-S
SIDE VIEW



WHS-14-S
SIDE VIEW

WALL MOUNTING INSTRUCTIONS



1. Secure bracket to wall.
2. Hang sink on bracket.
3. Screw sink to wall through bracket on bottom back of sink.

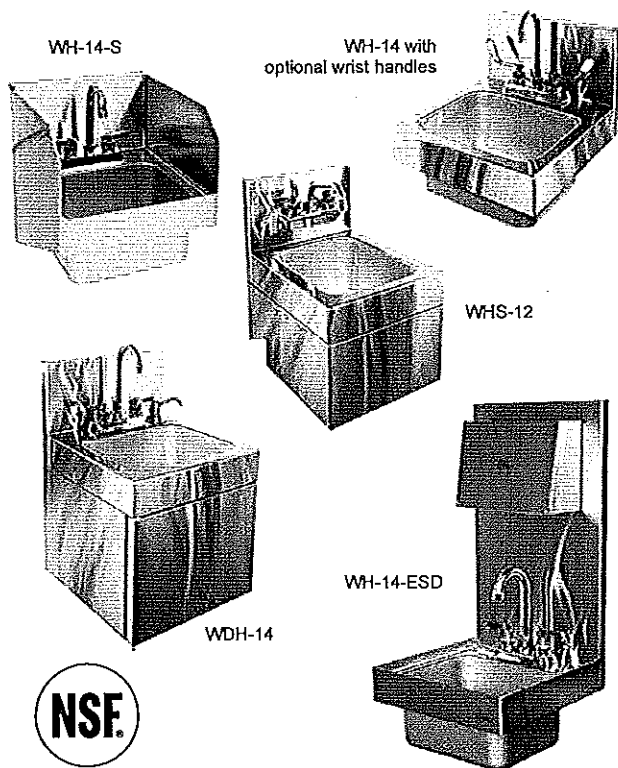
**Glas
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A family company manufacturing in the USA



NSF

All faucets are NSF/ANSI 61, Annex G low lead compliant

Project: _____	AIA# _____
Item #: _____ Qty: _____	SIS# _____
Model #: _____	

Wall-Hung Hand Sinks

see reverse side for model numbers

Standard Features

- Manufactured with total welded construction to meet all NSF* standards
- All stainless steel construction
- 9-1/4" by 11-1/2" by 6" deep sink bowl
- Includes wall mounting bracket
- Includes 1-1/2" IPS drain fitting
- Heavy-duty faucet is standard (available less faucet by adding the suffix '-LF' to the model number)
- Left and right side splashes available as an accessory
- Model WH-12 and WHS-12 include a special backsplash faucet mounting bracket for easy removal and inspection of faucet after installation
- Models WH-14-S and WHS-14-S include integral left and right side splashes, featuring radius worksurface corners for easy cleaning and a front lip to contain splashes
- Model WDH-14 includes built-in soap and C-fold paper towel dispensers
- Model WH-14-ESD includes a 1" deep recessed work surface with extra tall backsplash to contain splashes, and soap and papertowel dispenser

Specifications

Drains

- 1-1/2" I.P.S. Threaded drain will fit Dearborn part #8033 slipnut and part #W-573P washer.

Faucet

- Deck mount on 4" centers, accepts 3/8" sink leads, hot and cold water connections required (except model WH-12 and WHS-12)
- Model WH-12 and WHS-12: Backsplash mounted on 4" centers, accepts 3/8" sink leads, hot and cold water connections required

Sink Bowl Dimensions

- 9-1/4" by 11-1/2" by 6" deep

Materials

- 20 gauge stainless steel parts include: all components unless otherwise noted
- 18 gauge stainless steel parts include: wall mounting bracket



Model WHS-14-S featuring integral side splashes, radius worksurface corners for easy cleaning and a front lip to contain splashes

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Approval/Notes:

Specifications subject to change without notice. For current specifications please visit our website.

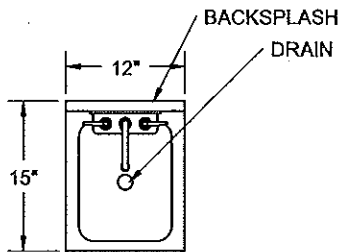
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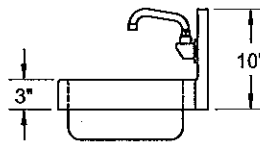
Rev. 12-08-11

Wall-Hung Hand Sinks

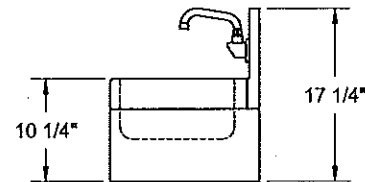
Dimensional Information



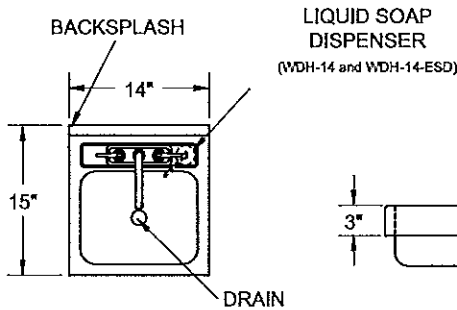
PLAN VIEW
(all 12" models)



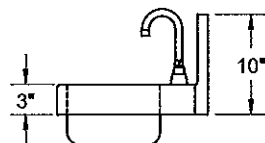
WH-12
SIDE VIEW



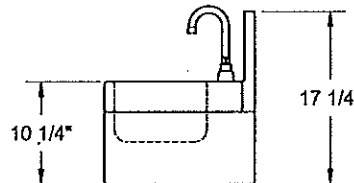
WHS-12
SIDE VIEW



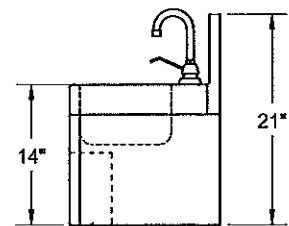
PLAN VIEW
(all 14" models)



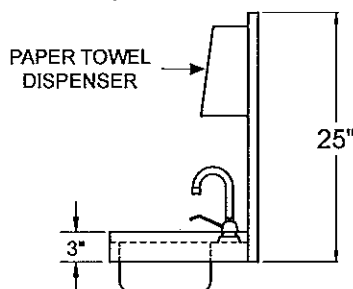
WH-14
SIDE VIEW



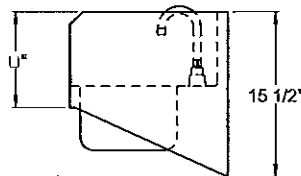
WHS-14
SIDE VIEW



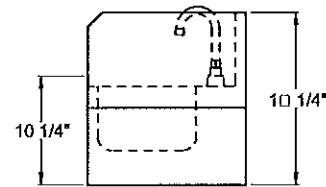
PAPER TOWEL
DISPENSER
WDH-14
SIDE VIEW



WH-14-ESD
SIDE VIEW

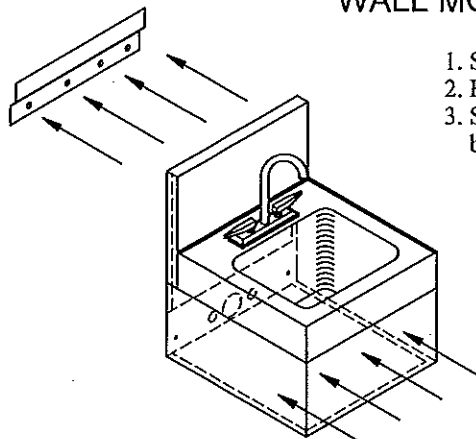


WH-14-S
SIDE VIEW



WHS-14-S
SIDE VIEW

WALL MOUNTING INSTRUCTIONS



1. Secure bracket to wall.
2. Hang sink on bracket.
3. Screw sink to wall through bracket on bottom back of sink.

**Glas
tender**

5400 North Michigan Road • Saginaw, MI • 48604-9780
989.752.4275 • 800.748.0423 • Fax 989.752.4444
www.glastender.com

Printed in USA



Item # _____

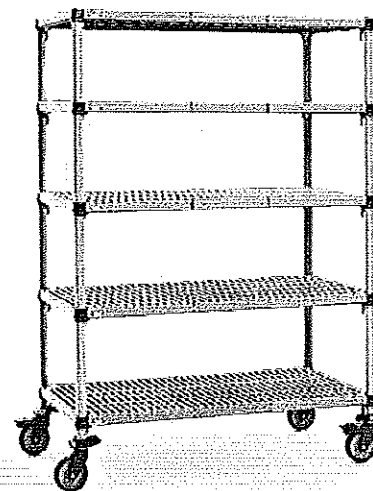
Job _____

METROMAX Q™ SHELVING

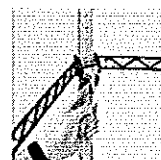
with *Microban Antimicrobial Product Protection

Part of the innovative MetroMax iQ™ Storage System, MetroMax Q™ is a longer life storage solution than conventional wire shelving. The product offers durable polymer mats that remove for easy cleaning and protect stored items from damage. Quick adjust shelves and MetroMax iQ accessories provides a very efficient use of storage space. MetroMax Q™ is integrated with online space planning tools and tutorials. www.metro.com/iQ

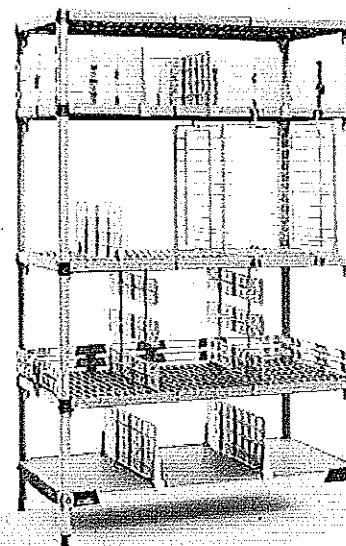
- **Longer-life performance:** Durable, corrosion proof polymer mats protect the shelves from normal wear and tear. Robust epoxy coated steel frames and posts hold as much weight as Metro's wire shelving. Weight capacity for evenly distributed loads:
800 lbs. (363kg) per shelf for lengths of 24" to 48" (610 to 1220mm)
600 lbs. (275kg) per shelf for lengths of 54" (1370mm) or longer
2,000 lbs. (907kg) maximum per stationary unit.
- **Interchangeable:** MetroMax Q and MetroMax i™ shelves, posts, and most accessories are compatible on the same unit. Use MetroMax Q shelves with MetroMax i™ polymer posts for increased corrosion protection. Use MetroMax i™ solid shelves when spill containment is required or as a bottom shelf to protect supplies from dirt or backsplashes from mops.
- **Easier to clean and maintain:** Polymer mats can be easily removed and cleaned in a sink or dish machine. Microban antimicrobial product protection is built into the high contact areas of the shelf including the mats, frames, and posts to protect the product from bacteria, mold, mildew, and fungus that cause odors and product degradation. Microban protection keeps the product "cleaner between cleanings".
- **Quick to Adjust:** Patented corner release allows shelves to be unlocked without tools. Simply flip each corner release, relocate the wedge connectors on the posts, and reposition the shelf. Quickly adjust shelves to reclaim wasted vertical space.
- **Smooth, Protective Surfaces:** Smooth shelf mats protect packaged items from unwanted rips, tears, or damage.
- **Open Grid and Solid Mat Options:** MetroMax Q is available with open grid mats as standard. Open grid shelves promote air circulation and light penetration.
MetroMax i™ solid shelves can be used with MetroMax Q grid shelves on the same unit and are available in 18" and 24" (457 and 610mm) depths. For 21" (530mm) deep MetroMax Q, solid mat overlays are available.
- **Efficient, Organized Storage:** Premium MetroMax iQ™ accessories efficiently organize, contain, and compartmentalize *all* space between shelves.
- **Quick to Assemble:** MetroMax Q assembles easily in minutes, without tools. Shelves can be adjusted at 1" (25mm) increments along the post. Shelf wedges have a window to locate your desired position.



MetroMax Q Mobile Unit



NSF



MetroMax Q with Accessories and MetroMax i Solid Bottom Shelf

*MICROBAN® and the MICROBAN® symbol are registered trademarks of the Microban Products Company, Huntersville, NC.



InterMetro Industries Corporation
North Washington Street
Wilkes-Barre, PA 18705
www.metro.com



MetroMax Q™ Polymer and Steel Shelving

9-21



METROMAX Q™ POLYMER AND STEEL SHELVING

Specifications

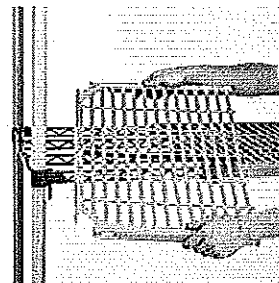
- **Shelf frames and posts:** Steel with electroplated substrate and highly durable, abrasion-resistant epoxy finish. Epoxy finish has built-in Microban antimicrobial product protection. The adjustable foot is reinforced nylon.
- **Shelf Mats:** Injection molded polypropylene with exclusive built-in Microban® antimicrobial product protection.
- **Shelf Wedge Connector:** Reinforced nylon.
- **Temperature range:** -20°F (-29°C) to 125°F (52°C) continuous use, with intermittent exposure to 200°F (93°C) for cleaning.

Standard Interchangeable Shelves

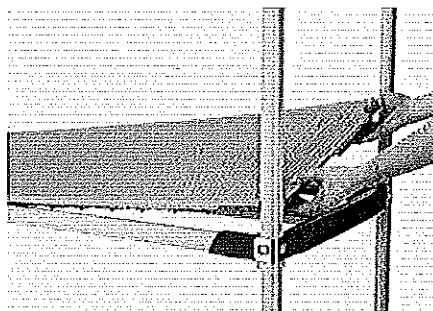
- Part number includes shelf with removable mats and one bag of wedges.
- MetroMax Q grid shelves, MetroMax I™ grid and solid shelves are all compatible on the same unit.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	MetroMax Q Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	MetroMax I™ Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	24 610	MQ1824G	6.2 2.8	MX1824F	12.7 5.8
18 457	30 760	MQ1830G	8.0 3.6	MX1830F	14.5 6.6
18 457	36 914	MQ1836G	9.7 4.4	MX1836F	17.2 7.8
18 457	42 1060	MQ1842G	11.4 5.2	MX1842F	20.1 9.1
18 457	48 1220	MQ1848G	13.2 6.0	MX1848F	23.1 10.5
18 457	54 1372	MQ1854G	15.0 6.8	MX1854F	21.5 9.7
18 457	60 1524	MQ1860G	16.7 7.6	MX1860F	23.2 10.5
18 457	72 1829	MQ1872G	20.0 9.1	MX1872F	27.5 12.5
21 530	24 610	MQ2124G	8.0 3.6	—	—
21 530	30 760	MQ2130G	9.7 4.4	—	—
21 530	36 914	MQ2136G	11.4 5.2	—	—
21 530	42 1060	MQ2142G	12.8 5.8	—	—
21 530	48 1220	MQ2148G	14.5 6.6	—	—
21 530	54 1372	MQ2154G	16.7 7.6	—	—
21 530	60 1524	MQ2160G	18.5 8.4	—	—
21 530	72 1829	MQ2172G	21.7 9.9	—	—
24 610	24 610	MQ2424G	9.7 4.4	MX2424F	14.2 6.4
24 610	30 760	MQ2430G	11.4 5.2	MX2430F	15.9 7.2
24 610	36 914	MQ2436G	13.1 6.0	MX2436F	19.6 8.9
24 610	42 1060	MQ2442G	14.1 6.4	MX2442F	21.5 9.8
24 610	48 1220	MQ2448G	15.8 7.1	MX2448F	25.3 11.5
24 610	54 1372	MQ2454G	18.5 8.4	MX2454F	25.0 11.3
24 610	60 1524	MQ2460G	20.3 9.2	MX2460F	26.8 12.1
24 610	72 1829	MQ2472G	23.5 10.7	MX2472F	31.0 14.1

Actual Dimensions:
Width: Add 3/8" (10mm) to nominal size.
Length: Subtract 3/8" (5mm) from nominal size.



MetroMax Q Open Grid Shelf



MetroMax I™ Solid Shelf

Heavy-Duty Dunnage Shelves

- Corrosion proof MetroMax I™ dunnage shelf is compatible with MetroMax Q.
- Open grid and solid version available.
- Weight capacity per shelf evenly distributed:
1,200 lbs. (544kg) on shelves up to and including 48" (1220mm) long; 900 lbs. (408kg) for shelves 60" (1524mm) long.
- Dunnage shelves are recommended for use on units with four posts.

Nominal Width (in.) (mm)	Nominal Length (in.) (mm)	Shelf with Grid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)	Shelf with Solid Mat Model No.	Approx. Pkd. Wt. (lbs.) (kg)
18 457	36 914	MHP1836G	18 8.2	MHP1836F	22 10.0
18 457	48 1220	MHP1848G	22 10.0	MHP1848F	26 11.8
18 457	60 1524	MHP1860G	26 11.8	MHP1860F	30 13.6
24 610	36 914	MHP2436G	21 9.5	MHP2436F	25 11.3
24 610	48 1220	MHP2448G	27 12.2	MHP2448F	31 14.1
24 610	60 1524	MHP2460G	33 15.0	MHP2460F	37 16.8

Solid Mat Overlays

- Overlays snap onto the open grid mats to create a solid surface.
- Available for 21" (530mm) deep MetroMax Q shelves.

Fits Shelf (in.) (mm)	Model No.	Approx. Pkd. Wt. (lbs.) (kg)
21x24 530x610	Q2124SM	0.35 0.16
21x30 530x760	Q2130SM	0.45 0.20
21x36 530x914	Q2136SM	0.50 0.23
21x42 530x1060	Q2142SM	0.60 0.27
21x48 530x1220	Q2148SM	0.70 0.32
21x54 530x1372	Q2154SM	0.80 0.36
21x60 530x1524	Q2160SM	0.90 0.41
21x72 530x1829	Q2172SM	1.00 0.45

METROMAX Q™ POLYMER AND STEEL SHELVING



Standard Interchangeable Posts

- MetroMax Q: Epoxy coated steel with Microban antimicrobial product protection.
- MetroMax i: Polymer with Microban antimicrobial product protection.
- Stationary posts include an adjustable leveling foot to compensate for uneven floors. Leveling foot can be adjusted 1" (25mm).
- When mounting a shelving unit to a dolly base, stationary posts are used.
- Special height cut posts are available. Consult your Metro representative.



**MetroMax Q
Steel Post**



**MetroMax i
Polymer Post**

Nominal Height (in.)	Actual Height (mm)	Actual Height (in.)	Actual Height (mm)	MetroMax Q Steel Model No.	STATIONARY POST WITH LEVELING FOOT		MetroMax i Polymer Model No.	Approx. Pkd. Wt.	
					Approx. Pkd. Wt. (lbs.)	(kg)		Approx. Pkd. Wt. (lbs.)	(kg)
13	370	14 3/4	375	MQ13PE	1.0	0.5	MX13P	0.5	0.2
27	685	28 3/4	730	MQ27PE	2.0	0.9	MX27P	0.9	0.4
33	875	34 3/4	883	MQ33PE	2.5	1.1	MX33P	1.0	0.5
54	1370	54 3/4	1391	MQ54PE	4.0	1.8	MX54P	1.6	0.7
63	1585	62 3/4	1594	MQ63PE	4.5	2.0	MX63P	1.8	0.8
74	1690	74 3/4	1899	MQ74PE	5.5	2.5	MX74P	2.2	1.0
86	2195	86 3/4	2203	MQ86PE	6.5	2.9	MX86P	2.5	1.1

Nominal Height (in.)	Actual Height (mm)	Actual Height (in.)	Actual Height (mm)	MetroMax Q Steel Model No.	POST FOR STEM CASTER		MetroMax i Polymer Model No.	Approx. Pkd. Wt.	
					Approx. Pkd. Wt. (lbs.)	(kg)		Approx. Pkd. Wt. (lbs.)	(kg)
13	370	13 3/4	349	MQ13UPE	1.0	0.5	MX13UP	0.5	0.2
27	685	27 3/4	705	MQ27UPE	2.0	0.9	MX27UP	0.9	0.4
33	875	33 3/4	857	MQ33UPE	2.5	1.1	MX33UP	1.0	0.5
54	1370	53 3/4	1365	MQ54UPE	4.0	1.8	MX54UP	1.6	0.7
63	1585	61 3/4	1568	MQ63UPE	4.5	2.0	MX63UP	1.8	0.8
70	1778	69 3/4	1765	MQ70UPE	5.0	2.3			
74	1690	73 3/4	1873	MQ74UPE	5.5	2.5	MX74UP	2.3	1.0
86	2195	85 3/4	2178	MQ86UPE	6.5	2.9	MX86UP	2.5	1.4

Replacement Leveling Foot:
Model No. RPM3-FOOT

Replacement Post Cap for Steel Post:
Model No. RPMQS-POSTCAP

Replacement Post Cap for Polymer Post:
Model No. RPMXS-POSTCAP

Replacement MetroMax Q Wedges
Model No. MQ9985 Bag of 4



**Replacement
MetroMax Q Wedges
MQ9985**

NOTE: Compatibility with existing Metro polymer mat shelving systems

- MQ9985 wedges are compatible with original MetroMax Q shelves and posts.
- The post centers on MetroMax Q have been changed to allow interchangeability with MetroMax i™ shelves. MetroMax Q shelves manufactured within or after April 2009 are not compatible with Q shelves made prior to April 2009.
- MetroMax Q is not compatible with original MetroMax manufactured prior to April 2009.
- Posts listed in above table (ex. MQ74PE, MX74PE) can be used with original MetroMax Q shelves made prior to April 2009.

Post Clamp

Adds stability by joining posts of two separate units together. With it, each unit is supported by four posts and buttressed by the adjacent unit.

Model No. 9994X

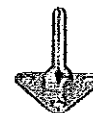


Foot Plate

Use to add stability to the shelving unit or to bolt units to the floor.

Model No. Zinc 9993Z

Model No. Stainless Steel 9993S



Stem Casters

A variety of stem casters are offered for MetroMax i™ mobile applications.

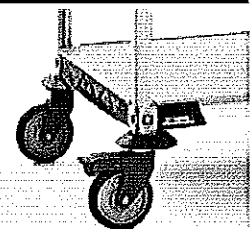
Stem caster models include bumpers.

See Catalog Sheet 11.20 for stem casters.

Load Rating: 3 x Stem Caster Load Rating, maximum —
900 lbs. (363kg) per stem caster cart.



**Replacement Bumper
M9992DBX**



Job _____

9.21

METROMAX Q™ POLYMER AND STEEL SHELVING



Starter and Add-On Units

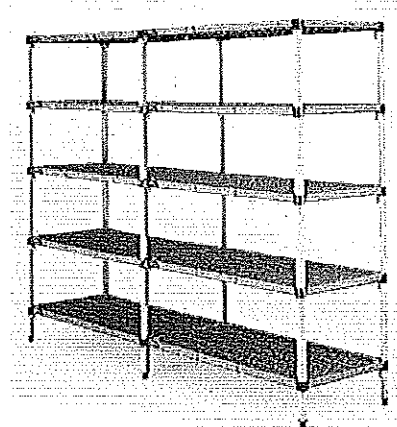
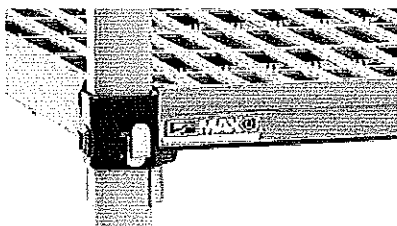
- 4- and 5-tier models available. Consult the Metro catalog for models.
- Starter units: consist of shelves and (4) posts
- Add-on units: consist of shelves, (2) posts, and "S" Hooks (M9995)

"S" Hook: Used to "add on" one or multiple MetroMax Q™ storage systems while eliminating the cost of two posts per unit. Can be used to join units end-to-end, back-to-back, at right angles, etc. Two "S" hooks are required for each shelf. Cat. No. M9995

MetroMax Q™ Intermediate

"S" Hook: Use when configuring MetroMax Q Starter and Add-On Units at right angles.

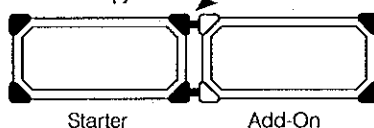
Model No. Q9995Z



- Regular "S" Hook location
- ✕ Intermediate bracket location
- Post
- Post not required

END-TO-END

"S" Hooks
M9995 — qty. 2

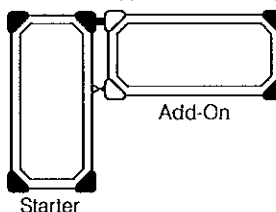


Starter

Add-On

RIGHT ANGLES

Intermediate "S" Hook Kit
Q9995Z — qty. 1; M9995 — qty. 1

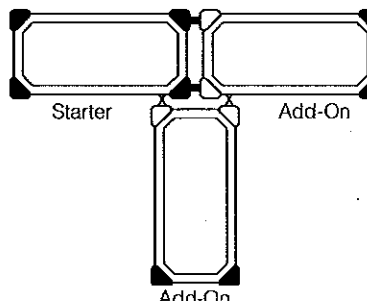


Starter

Add-On

COMBINATION

Intermediate "S" Hook Kits
Q9995Z — qty. 2; M9995 — qty. 2



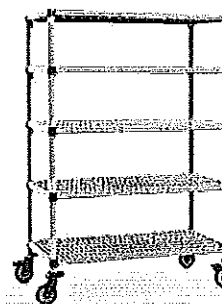
Starter

Add-On

Add-On

MetroMax Q™ Carts

- 4- and 5-tier models
- Grid shelf models
- Units consist of shelves, (4) posts, (2) swivel, and (2) swivel brake casters.
- Consult the Metro catalog for models.



All Metro Catalog Sheets are available on our Web Site: www.metro.com



InterMetro Industries Corporation

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Information and specifications are subject to change without notice. Please confirm at time of order.

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THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

<p>ELEVATION VIEW</p> <p>Note: Counter Cutout Dim. = 10 1/8" Dia.</p>	<p>EXPLODED VIEW</p>	<p>Bon Chef, Inc. 205 Rt. 94 Lafayette, NJ 07848 (973)383-8848</p>	<p>PRODUCT SPECIFICATION SHEET (Do Not Scale)</p>	<p>Drawn By:</p>
<p>Product Names: Petite Marmite Hinged Lid w/Electric Heater Product Item No.: 3000HLET</p>				

Bon Chef Model 12090 Heater

SAFETY AND MAINTENANCE

- Use only as intended. Model 12090 heater must be securely attached to a Bon Chef water pan, coffee server or soup marmite.
- Do not submerge in water or place in dishwasher. To clean, detach heater from water pan and wipe with a clean cloth.
- Do not disassemble heater.
- Before detaching heater, turn thermostat to off position, unplug and allow to cool.
- Do not touch bottom or wall of heater when in operation.
- Do not pull electrical cord to unplug from wall outlet or heater. Damage will incur and will result in an electrical short.

TO ATTACH HEATER TO WATER PAN

Post Type Water Pan

- Position the two tabs on the heater over the threaded post on the bottom of the water pan.
- Position heater so that the control knob faces the direction you wish to operate the heater and using the two wing nuts provided, tighten both nuts making sure the heat pad is tight against the bottom of the water pan.

Clip Type Water Pan

- Position heater so control faces direction you wish to operate the heater and slide rim of heater under clips of water pan. Make sure you have a tight fit between heater and water pan.
- Always remove heater before washing the water pan. If water enters the electrical heater damage will incur.
- Set thermostat to off position and plug line cord into the heater.
- Place water pan in chafing dish and add water.
- Plug line cord into 115V outlet and set thermostat to desired temperature.
- The pilot light will indicate the heater is working properly. When desired temperature is reached, the pilot light will turn off.
- The heater will automatically maintain set temperature.
- Do not touch bottom or wall of heater when in operation.
- To remove heater, turn thermostat to off position, unplug from outlet and allow to cool.

115V

7.8 amp at initial surge on high

5.5 amp when stabilized

The Bon Chef Quality Warranty

1. Seller Bon Chef, Inc. ("Bon Chef") warrants to first purchaser ("Owner") that upon shipment Bon Chef's heaters ("Products") will be free from defects in material and workmanship and will conform to Bon Chef's Product specifications. Bon Chef warrants to Owner all working components for six months. This Warranty does not extend to any other parts or to the finish of the heaters. For this Warranty to apply, Owner must follow the instructions as stated above. The Warranty does not cover damage caused by misuse, accidents, or alterations to the Products.
2. Under this Warranty, Bon Chef will repair or replace, at its discretion, any Product which does not meet the Warranty provided in Paragraph 1 above. The determination of whether a Product meets and conforms with the Warranty provided in Paragraph 1 above remains with Bon Chef. If Bon Chef determines that damage occurred during Proper Use, the Product will be, at Bon Chef's discretion, repaired or replaced by a similar product, or one of equivalent value if the Product is no longer in production, at no cost to Owner except for shipping charges.

The Fastest Espresso System in the World

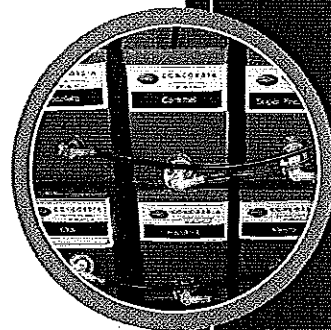
The Concordia Xpress 6 automatically creates 850 different drink combinations at lightning speed. In the time it takes to toast a slice of bread the X6 can create seven 12 ounce drinks, all at the touch of a button. We have designed the X6 to pump milk from the onboard refrigerator, infuse syrups and sauces, and steam and foam the milk for perfect espresso beverages. It does all that at a rate of 1 ounce per second! You can now cut your wait times by more than 50% and eliminate the long lines. In addition to speed, the new patent pending X6 milk system increases reliability, provides additional control over drink temperature and milk foam, and operates "whisper quiet". It even makes iced drinks!

Productivity...Profitability...Reliability



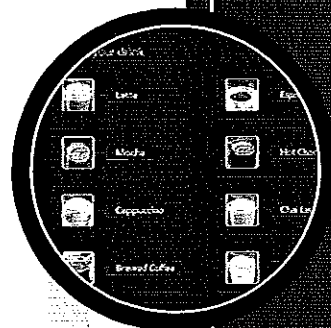
Flavor Infusion

Patented EspressoJet™ Flavor System infuses fresh flavors directly into the milk. Syrup portions are controlled to your recipes.



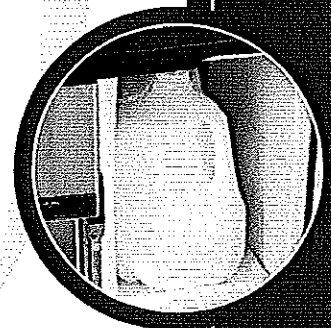
Easy to use touchpad

The photo enhanced touchpad makes it easy for anyone to create drinks at the touch of a button.



On-board refrigerator

Built-in refrigerator holds two types of fresh milk in standard one-gallon containers. Easy cleanup, no steaming pitchers and spoons, and no wasted milk.



CONCORDIA

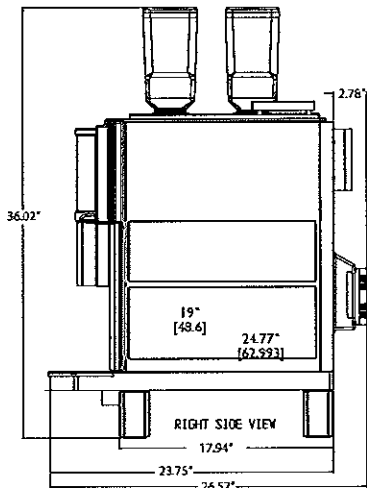
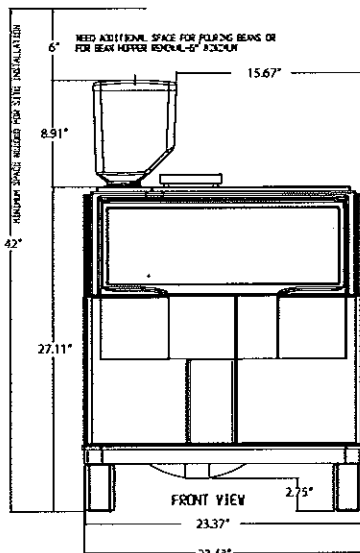
COFFEE SYSTEMS

www.concordiacoffee.com

Xpress 6

Xpress 6

Consistency...Quality...Speed



SPECIFICATIONS:

Dimensions: 23.5in (w) x 26.6in (d) x 36in (h)
 596mm (w) x 675mm (d) x 915mm (h)
Weight: 245lb net / 111kg net
Electric: 200-240VAC, 30Amp dedicated circuit
Water: Min 30psi, Max 100psi, 25 gallons per hour flow
Drain: 3/4in indirect drain

The Concordia Xpress 6 is all about saving time, space, and money

Consistent Beverage Quality

With the X6 you are in charge of recipes and portion control. Your beverage menu can now taste the same in every one of your locations. The computer controlled grinding and extraction process is programmed to your specifications, ensuring that every beverage is created the same each time the start button is pressed. The temperature and consistency of the milk is also computer controlled, and the new patent pending X6 milk system provides additional options for temperature and foam quality. The quantity of syrups and sauces for each drink is programmed to your specifications and precisely measured for each beverage combination. Since our patented infusion process intensifies the flavor experience you'll use less syrup in each drink. It even makes iced drinks! Concordia also offers an optional steam wand for preparation of soy, egg nog, or other holiday drink options.

Self-Serve-Simple to Use, The Most Reliable Espresso Systems in the World

Everything needed to make outstanding beverages is built right into the X6. Your customers just choose their drink and press a button. The X6 does the rest, in one easy step, with no training required. You don't need to worry about long waiting lines because the X6 creates beverages in half the time. Your staff will also appreciate the simple cleaning process that takes less than 10 minutes per day with no parts to remove. The Concordia Xpress6 is designed for simplicity and reliability.

Assisted Serve - Xpress Your Drive-thru

The fully automatic X6 is perfect for staffed café and restaurant applications. Your baristas can create over 850 drink combinations with virtually no training; and since the X6 is amazingly fast your staff will spend more time selling add-on's and less time processing orders. Even cold drinks like iced caramel lattes can be made at the touch of a button, you simply fill the glass with ice and touch the button. You'll save money because there are no steaming pitchers to clean and you won't be wasting milk.

Profitability

Put it all together...a single beverage solution, fast, simple to use, no complex training, consistent café quality beverages, the world's only syrup infusion process, portion control, no wasted milk or syrup, and productivity. It all adds up to happy customers and increased profits for your business.



CONCORDIA

COFFEE SYSTEMS

www.concordiacoffee.com

1287 120th Ave. N.E. Bellevue, WA 98005 USA tel: 800.995.9019 fax: 425.453.2167 email: info@concordiacoffee.com



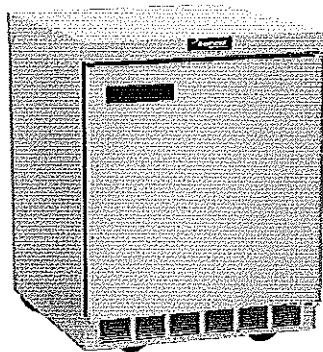
UC4427N Undercounter

Reduced Height Front-Breathing Self-Contained
Undercounter Refrigerated Bases

Project _____
Item _____
Quantity _____
CSI Section 11400
Approved _____
Date _____

Models

- UC4427N Single section refrigerator, under counter with doors
- UCD4427N Single section refrigerator, under counter with drawers



UC4427N

Standard Features

- All 4400 and 4500 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - It won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- "D" prefix models feature Delfield's exclusive new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 3" casters for easy cleaning and installation
- 60-cycle single phase electrical system

- 6' cord and plug supplied
- One epoxy coated wire shelf standard, installed per door section
- ACT solid state electronic control
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- 18" wide single tier overself
- Stainless steel finish on back
- Plastic laminate on front
- Additional wire shelves
- Door lock (solid door models only)
- Exterior thermometer (solid door models only)
- Interior lights
- Glass door(s)
- 220V/50 Hertz electrical system*

* Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides of door models are thermoformed ABS plastic with integral shelves supports. Interior back is one-piece 22-gauge stainless steel. Interior bottom and top are thermoformed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/5 H.P., with condenser coil and condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

ACT electronic, solid state control, mounted at the rear of the cabinet, allows the unit to maintain precise temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Castors: Equipment is mounted on 3" (7.6cm) diameter plate casters. Equipment clearance above the floor is 0.66" (1.7cm).

Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet of door models has one adjustable epoxy-coated wire shelf.

Drawers have a 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Drawer units have two drawers. Top drawer holds one 12" x 20" (30.5cm x 50.8cm) and three 1/6 size 4"-6" (10.2cm-15.2cm) deep pans. Bottom drawer holds one 12" x 20" and three 1/6 size 4" deep pans. Pans are supplied by others.

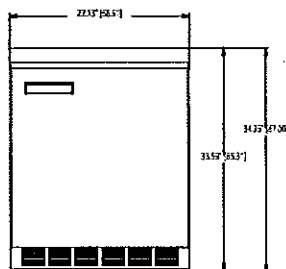


Only
Model UC4427N

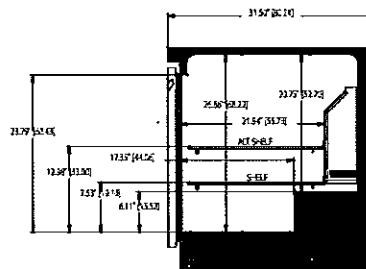


Reduced Height Front-Breathing Self-Contained
Undercounter Refrigerated Bases

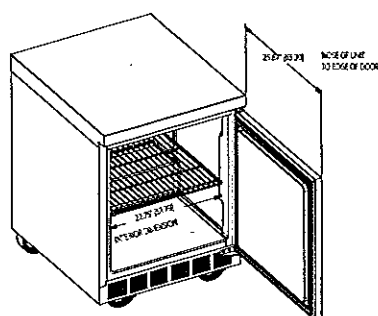
UC4427N Undercounter



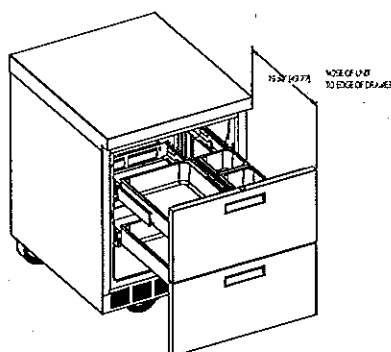
UC4427N Elevation View



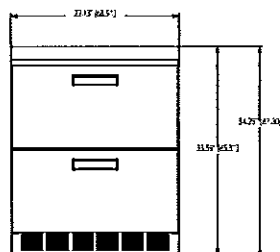
UC4427N Right Side View



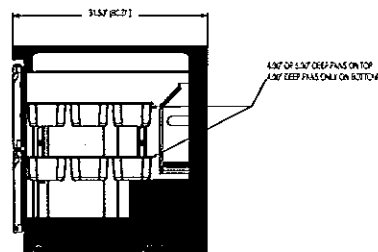
UC4427N ISO View



UCD4427N ISO View



UCD4427N Elevation View



UCD4427N Right Side View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

PLEASE NOTE:

Air flow through the louver on the back of the unit is not necessary for operation, however, any air which passes through the louver is beneficial.

Specifications

Model	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	Energy KWH/Day
UC4427N	1	3.17ft ²	8.20ft ³	1/5	115/60/1	3.9	5-15P	223lbs/101kg	1.99
UCD4427N	NA	NA	8.20ft ³	1/5	115/60/1	3.9	5-15P	245lbs/111kg	NA

Delfield reserves the right to make changes to the design or specifications without prior notice.

980 S. Isabella Rd.
Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
Fax: 800-669-0619
www.delfield.com

Printed in the U.S.A.
DSUC4427N
03/13



THIS ITEM IS: DROP-IN DUMP SINK

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

APPLICATION:		PRODUCT NAME: DIPPERWELL FAUCET & SINK ASSEMBLY	
JOB NAME:		<input type="checkbox"/> SPECIAL CONFIGURATION CHECK BASE MODEL AND OPTIONS	
QUANTITY:	ITEM NO.	MODEL: <input type="checkbox"/> 3041	
		OPTIONS OR MODIFICATIONS: <input type="checkbox"/> OTHER _____	
		FEATURES: DIPPERWELL FAUCET * STAINLESS STEEL SEAT DIPPERWELL SINK * STAINLESS STEEL PAN * REMOVABLE INNER SHELL SYSTEM LIMITS * TEMP: 40°F MIN. TO 140°F MAX. * PRESSURE 200 PSI MAX. STATIC SHIPPING WEIGHT * 3.5 LBS	
		ROUGH-IN: 	
ANSI/A112.18.1M		 FISHER MANUFACTURING COMPANY TOLL FREE: 800-421-6162 - FAX: 800-832-8238 information@fisher-mfg.com - www.fisher-mfg.com	

THIS ITEM IS: POS-PRINTER

- ☐ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☒ N.I.K.E.C. BY:

☒ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: POS-CASH REGISTER

- ☐ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☒ N.I.K.E.C. BY:

☒ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

- ☒ SPARE NUMBER
- ☐ MILLWORK
- ☐ CUSTOM FABRICATED/NSF
- ☐ EXISTING
 - ☐ WHERE SHOWN
 - ☐ RELOCATED
 - ☐ MODIFIED
- ☐ N.I.K.E.C. BY:
 - ☐ OWNER
 - ☐ SUPPLIER / VENDOR
 - ☐ OTHERS

REMARKS:

VIENNA COLD DISPLAY

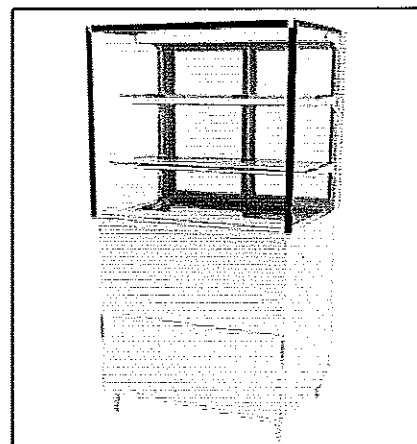
PROJECT: _____

ITEM: _____ QUANTITY: _____

MODEL # VICD-SQ INS SQUARED GLASS

SPECIFICATIONS

The Vienna Series VICD-SQ INS Slide-in with rear air ventilation kit is an attendant service refrigerated display merchandiser, featuring a squared glass profile with insulated glass front, top and side panels. Unit is available in choice of three heights with hinged rear see-through access doors. When being used as a "slide-in" please advise if counter height is 34" or 36". Optional 6" or 8" stainless steel adjustable legs or 6" casters are available for slide-in style models.



Available lengths: ☐ 31 1/2" ☐ 44 3/8" ☐ 57 1/8" ☐ 69 7/8"

Available depths: ☐ 27 3/8"

Available (above counter) heights: ☐ 21 1/4" ☐ 28" ☐ 34 5/8"

SHOWN WITH OPTIONAL 6" LEGS



STANDARD FEATURES

- Squared Glass Profile
- 304 Stainless Steel Exterior
- Insulated Glass Front, Top and Side Panels
- Hinged Rear See-Through Access Doors
- Easy Removable Deck Pans for Cleaning
- Programmable Digital Refrigeration Controller
- Self-Contained Refrigeration with Integrated Compressor Housing
- Rear Air Ventilation Kit
- Fan Assisted Cooling System
- Lift-Up Evaporator
- Tilt-Out Front Glass
- ETL Listed in Accordance with UL 471 and NSF 7 Standards
- Environmentally Safe Refrigerant
- Floor Drain Required

OPTIONAL FEATURES

- ☐ Drop-In Style (Consult Factory for Additional Information)
- ☐ Remote Refrigeration
- ☐ Energy Efficient LED Lighting
- ☐ Integrations Modular Counter (Consult Factory)
- ☐ Adjustable Legs & Casters (Slide-In Units)
 - ☐ 6" Legs ☐ 8" Legs
 - ☐ 6" Casters
- ☐ 5 Year Compressor Warranty



Conforms to UL Standard 471,
and NSF Standard 7; Certified
To CSA Standard G22.2 No.120

MODEL	L	D	H	HP	VOLT	AMPS	PLUG	WT	REFRIG.	DROP IN C/O SIZE	SLIDE IN C/O SIZE
VICD2-20-R-SQ-SC INS	31 1/2"	27 3/8"	21 1/4"	1/4	115	4.8	5-15P	462	134A	29 1/4 x 26 3/8"	29 1/4 x 26 3/8"
VICD3-20-R-SQ-SC INS	44 3/8"	27 3/8"	21 1/4"	1/3	115	5.7	5-15P	506	134A	42 1/8 x 26 3/8"	42 1/8 x 26 3/8"
VICD4-20-R-SQ-SC INS	57 1/8"	27 3/8"	21 1/4"	1/3	115	5.9	5-15P	572	134A	54 7/8 x 26 3/8"	54 7/8 x 26 3/8"
VICD5-20-R-SQ-SC INS	69 7/8"	27 3/8"	21 1/4"	3/8	115	7.5	5-15P	638	134A	67 5/8 x 26 3/8"	67 5/8 x 26 3/8"
VICD2-27-R-SQ-SC INS	31 1/2"	27 3/8"	28"	1/3	115	5.7	5-15P	484	134A	29 1/4 x 26 3/8"	29 1/4 x 26 3/8"
VICD3-27-R-SQ-SC INS	44 3/8"	27 3/8"	28"	1/3	115	6.0	5-15P	528	134A	42 1/8 x 26 3/8"	42 1/8 x 26 3/8"
VICD4-27-R-SQ-SC INS	57 1/8"	27 3/8"	28"	3/8	115	7.8	5-15P	594	134A	54 7/8 x 26 3/8"	54 7/8 x 26 3/8"
VICD5-27-R-SQ-SC INS	69 7/8"	27 3/8"	28"	1/2	115	9.2	5-15P	660	134A	67 5/8 x 26 3/8"	67 5/8 x 26 3/8"
VICD2-34-R-SQ-SC INS	31 1/2"	27 3/8"	34 5/8"	3/8	115	7.3	5-15P	528	134A	29 1/4 x 26 3/8"	29 1/4 x 26 3/8"
VICD3-34-R-SQ-SC INS	44 3/8"	27 3/8"	34 5/8"	3/8	115	7.8	5-15P	572	134A	42 1/8 x 26 3/8"	42 1/8 x 26 3/8"
VICD4-34-R-SQ-SC INS	57 1/8"	27 3/8"	34 5/8"	1/2	115	9.4	5-15P	638	134A	54 7/8 x 26 3/8"	54 7/8 x 26 3/8"
VICD5-34-R-SQ-SC INS	69 7/8"	27 3/8"	34 5/8"	1/2+	115/230	6.0	L14-20P	704	134A	67 5/8 x 26 3/8"	67 5/8 x 26 3/8"

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

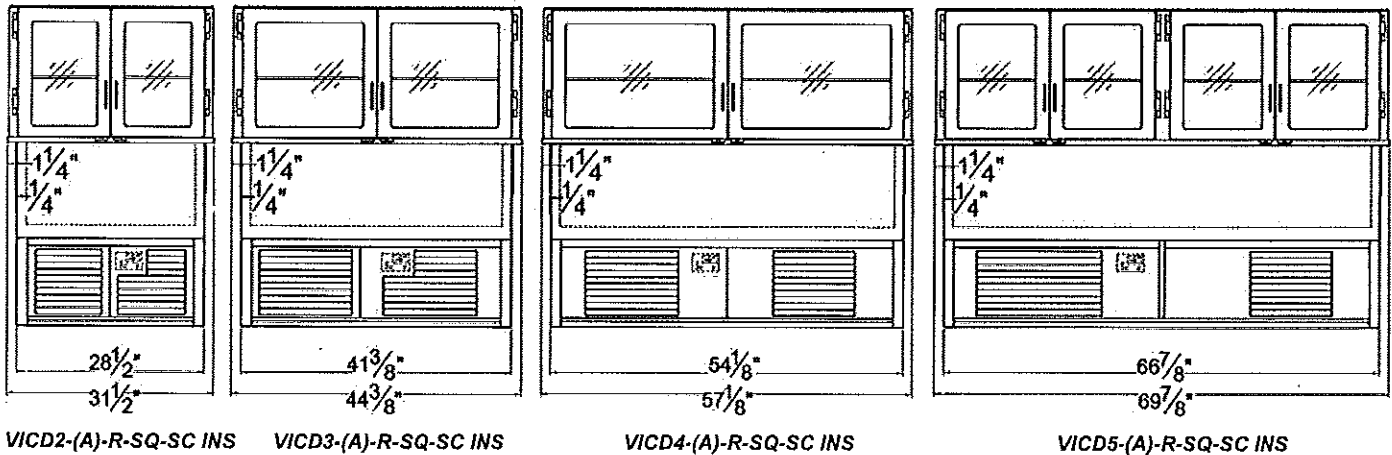
RPI INDUSTRIES INC.
NEXT STEP DESIGN

VIENNA COLD DISPLAY

PROJECT:

TOLL FREE: 800-525-3692

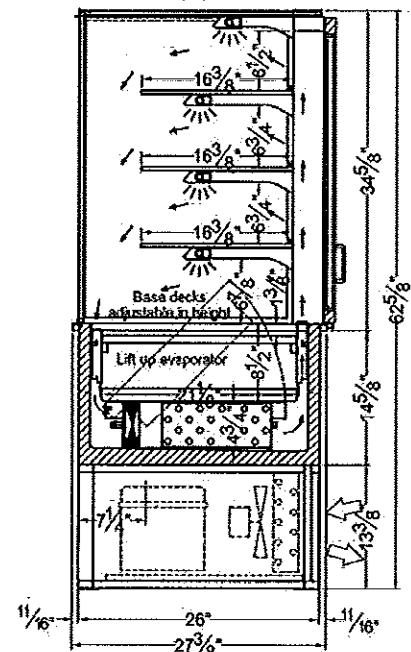
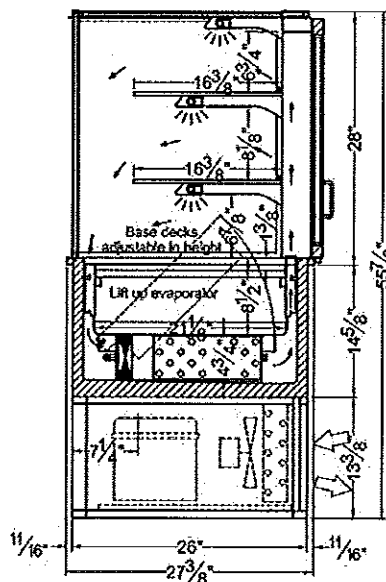
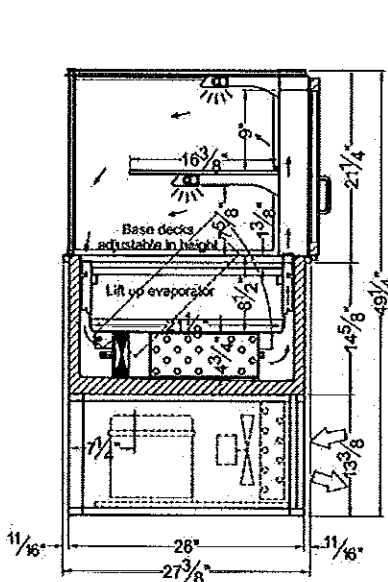
MODEL # VICD-SQ INS SQUARED GLASS



VICD(A)-20-R-SQ-SC INS

VICD(A)-27-R-SQ-SC INS

VICD(A)-34-R-SQ-SC INS

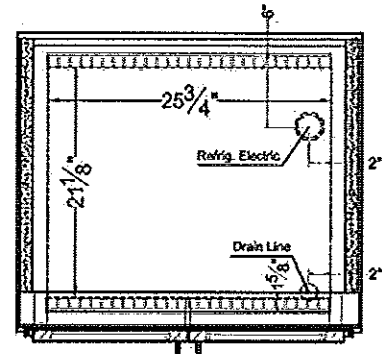


UNITS SHOWN WITH "REAR AIR BREATHING" OPTION

LARGEST DIMENSION REPRESENTS OUTSIDE FLANGE

1. A 1" diameter drain is provided. The drain **MUST** be connected to a floor drain or storage container **AT TIME OF INSTALLATION**.
2. Front and Rear ventilation louvers, each at least 25" W x 20" H, **MUST** be provided in the cabinet or counter and located so to provide full ventilation for the condensing unit.
3. The VICD-SQ INS merchandiser is designed for use in locations where temperatures and humidity do not exceed 75 degrees and 55% R.H. Locate away from direct sunlight, rapid air currents and extreme temperature changes. Exposure to air currents from ceiling fans, air conditioners, ovens, etc. will disrupt the cases air current and refrigeration zone within. Any adverse field conditions stated above will void warranty.

RPI in line with it's policy to continually improve it's product reserves the right to change materials and specifications without notice.



CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 POLITE RD MEDFORD NJ 08055

Hilton Herb N Kitchen-Prototype REV



NEXT STEP DESIGN

Electrical & Plumbing locations

RPI INDUSTRIES INC.

v1.12



UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

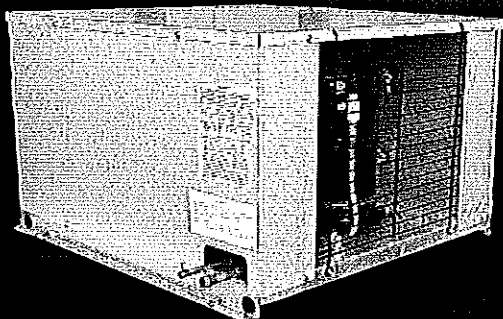
Publication No. 502.12

January, 2004

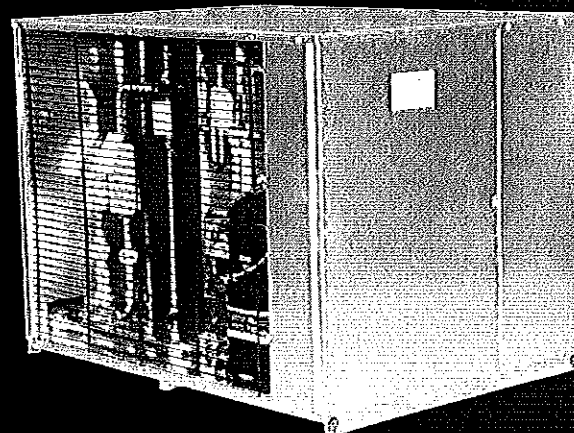
**NOW AVAILABLE
THROUGH 6 HP**

Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient

1/2 to 3 HP



4 to 6 HP



221 S. Berry St., P.O. Box 1030, Brea, CA 92822-1030 • Tel (714) 529-4461 • FAX (714) 529-8503

www.coldzone.com



Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Features

Indoor Models

- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

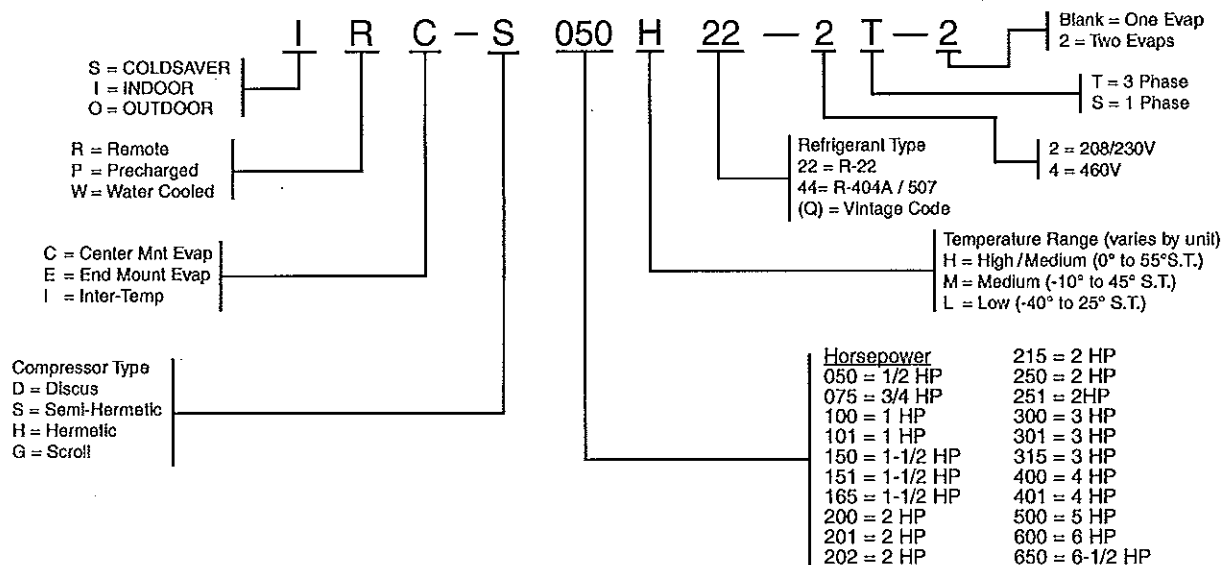
- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorber† and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorber†, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

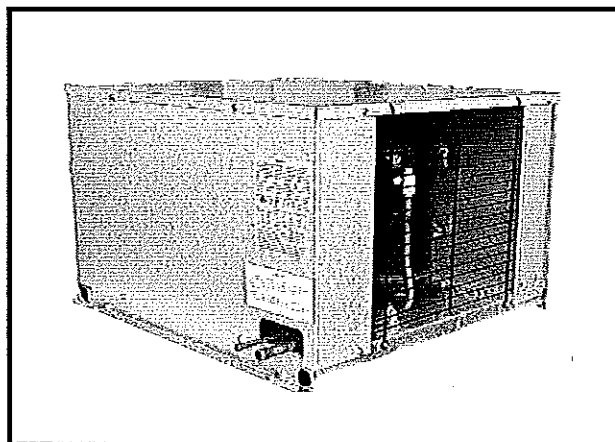
† Vibrasorber not required for Hermetic and Scroll compressors. Vibrasorber not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorber required.

†† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorbers and compressor spring mounting.

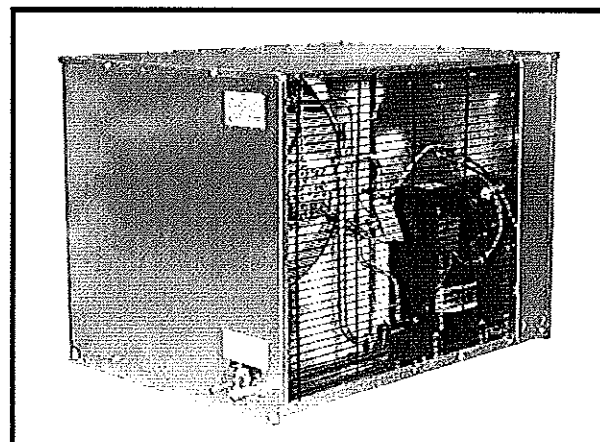
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
22	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
	*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243
	*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255
	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
22	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
22	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK

Electrical Data

Hermetic Models

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF08K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0


ColdZone

Performance Data

Physical Data

Semi-Hermetic Models

404A

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

*S050H22	0.5	4930	4100	3700	3330	2650	2070	----	----	----	----	----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	----	----	----	----	----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	----	----	----	----	----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	----	----	----	----	----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	----	----	----	----	----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	----	----	----	----	----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S400M22	4	----	----	31500	28300	22400	17800	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S500M22	5	----	----	50600	45500	36300	29000	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	----	----	----	----	----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	----	----	----	----	----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	----	----	----	----	----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	----	----	----	----	----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	----	----	----	----	----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	----	----	----	----	----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	----	----	----	----	----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	----	----	----	----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	----	----	----	----	24.3	3	1/2	1-1/8	560
*D300L44	3	----	----	----	----	----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	----	----	----	----	----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	----	----	----	----	----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	----	----	----	----	----	----	28.2	3	1/2	1-1/8	560
*D300L22	3	----	----	----	----	----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	----	----	----	----	----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	----	----	----	----	----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK

Electrical Data

Semi-Hermetic Models

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*S050M44	HAK-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	----	----	----	----	----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	----	----	----	----	----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	----	----	----	----	----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300M44	ERF-031E	----	----	----	----	----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	----	----	----	----	----	21.8	141	3.2	26.0	32	----	----	----	----	----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	----	----	----	----	----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	----	----	----	----	----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	----	----	----	----	----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	----	----	----	----	----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	----	----	----	----	----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	----	----	----	----	----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	----	----	----	----	----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	----	----	----	----	----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	----	----	----	----	----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	----	----	----	----	----	----	----	----	----	----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	----	----	----	----	----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

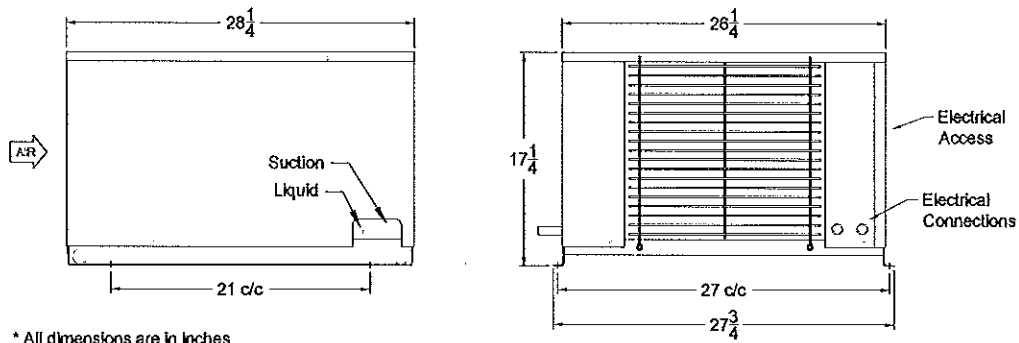
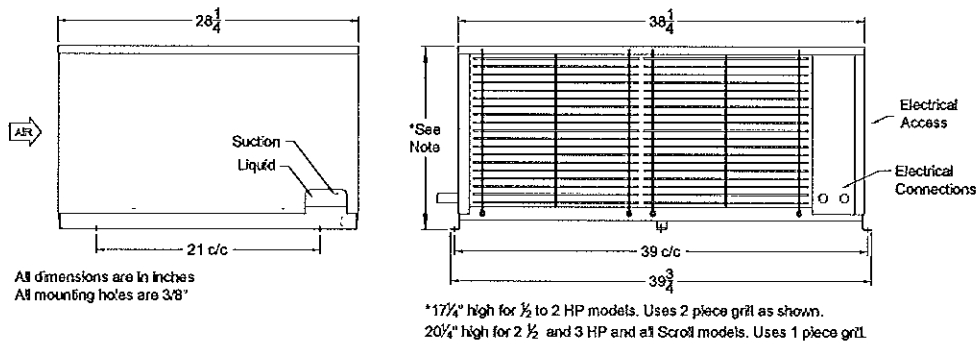
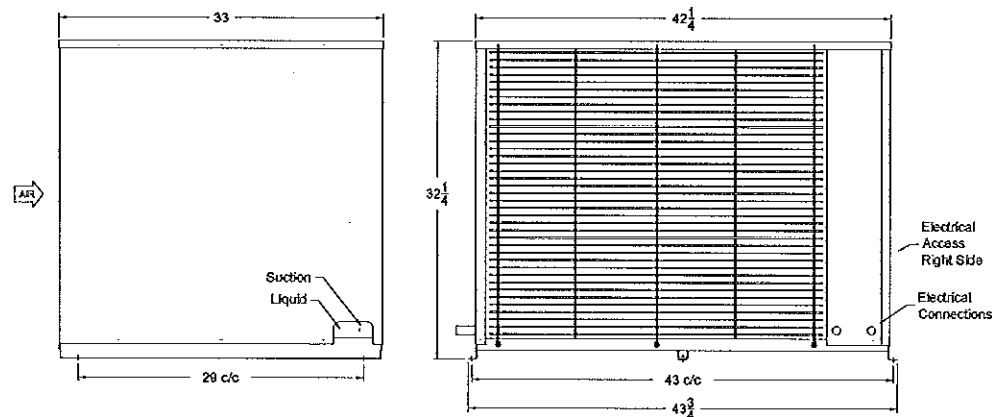
*D500M44	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	----	----	----	----	----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)
Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

VIENNA GRAB-N-GO

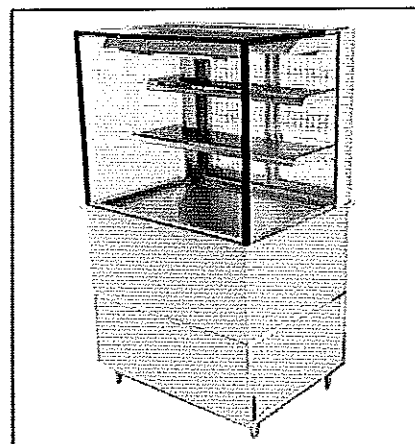
PROJECT: _____

ITEM: _____ QUANTITY: _____

MODEL # VIAS-SQ INS SQUARED GLASS

SPECIFICATIONS

The Vienna Series VIAS-SQ INS Slide-in with rear air ventilation kit is a self-service "Grab and Go" style refrigeration merchandiser, featuring a squared glass profile, with insulated glass top and side panels. Unit is available in choice of three heights with hinged rear see-through access doors. When being used as a "slide-in" please advise if counter height is 34" or 36". Optional 6" or 8" stainless steel adjustable legs or 6" casters are available for slide-in style models.



Available lengths: ☐ 31 1/2" ☐ 44 3/8" ☐ 57 1/8" ☐ 69 7/8"

Available depths: ☐ 27 3/8"

Available (above counter) heights: ☐ 20 7/8" ☐ 27 1/2" ☐ 34 1/4"

SHOWN WITH OPTIONAL 6" LEGS



STANDARD FEATURES

- Squared Glass Profile
- 304 Stainless Steel Exterior
- Insulated Glass Top and Side Panels
- Hinged Rear See-Through Access Doors
- Easy Removable Deck Pans for Cleaning
- Programmable Digital Refrigeration Controller
- Self-Contained Refrigeration with Integrated Compressor Housing
- Rear Air Ventilation Kit
- Fan Assisted Cooling System
- Lift-Up Evaporator
- ETL Listed in Accordance with UL 471 and NSF 7 Standards
- Environmentally Safe Refrigerant
- Floor Drain Required

OPTIONAL FEATURES

- ☐ Drop-In Style (Consult Factory for Additional Information)
- ☐ Remote Refrigeration
- ☐ Energy Efficient LED Lighting
- ☐ Removable Acrylic Locking Night Cover
- ☐ Integrations Modular Counter (Consult Factory)
- ☐ Adjustable Legs & Casters (Slide-In Units)
 - ☐ 6" Legs ☐ 8" Legs
 - ☐ 6" Casters
- ☐ 5 Year Compressor Warranty



Conforms to UL Standard 471, and NSF Standard 7; Certified To CSA Standard C22.2 No.120

MODEL	L	D	H	HP	VOLT	AMPS	PLUG	WT	REFRIG.	DROP IN C/O SIZE	SLIDE IN C/O SIZE
VIAS2-20-R-SQ-SC INS	31 1/2	27 3/8	20 7/8	1/2	115	8.8	5-15P	462	404A	29 1/4 x 26 3/8	29 1/4 x 26 3/8
VIAS3-20-R-SQ-SC INS	44 3/8	27 3/8	20 7/8	1/2	115	9.1	5-15P	506	404A	42 1/8 x 26 3/8	42 1/8 x 26 3/8
VIAS4-20-R-SQ-SC INS	57 1/8	27 3/8	20 7/8	3/4	115/230	4.9	L14-20P	572	404A	54 7/8 x 26 3/8	54 7/8 x 26 3/8
VIAS5-20-R-SQ-SC INS	69 7/8	27 3/8	20 7/8	7/8	115/230	6.6	L14-20P	638	404A	67 5/8 x 26 3/8	67 5/8 x 26 3/8
VIAS2-27-R-SQ-SC INS	31 1/2	27 3/8	27 1/2	1/2	115	9.7	5-15P	484	404A	29 1/4 x 26 3/8	29 1/4 x 26 3/8
VIAS3-27-R-SQ-SC INS	44 3/8	27 3/8	27 1/2	3/4	115/230	5.6	L14-20P	528	404A	42 1/8 x 26 3/8	42 1/8 x 26 3/8
VIAS4-27-R-SQ-SC INS	57 1/8	27 3/8	27 1/2	7/8	115/230	7.7	L14-20P	594	404A	54 7/8 x 26 3/8	54 7/8 x 26 3/8
VIAS5-27-R-SQ-SC INS	69 7/8	27 3/8	27 1/2	1 1/4	115/230	9.1	L14-20P	660	404A	67 5/8 x 26 3/8	67 5/8 x 26 3/8
VIAS2-34-R-SQ-SC INS	31 1/2	27 3/8	34 1/4	3/4	115/230	5.4	L14-20P	528	404A	29 1/4 x 26 3/8	29 1/4 x 26 3/8
VIAS3-34-R-SQ-SC INS	44 3/8	27 3/8	34 1/4	7/8	115/230	7.3	L14-20P	572	404A	42 1/8 x 26 3/8	42 1/8 x 26 3/8
VIAS4-34-R-SQ-SC INS	57 1/8	27 3/8	34 1/4	1 1/4	115/230	9.0	L14-20P	638	404A	54 7/8 x 26 3/8	54 7/8 x 26 3/8
VIAS5-34-R-SQ-SC INS	69 7/8	27 3/8	34 1/4	1 1/4	115/230	9.6	L14-20P	704	404A	67 5/8 x 26 3/8	67 5/8 x 26 3/8

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV



INDUSTRIES INC

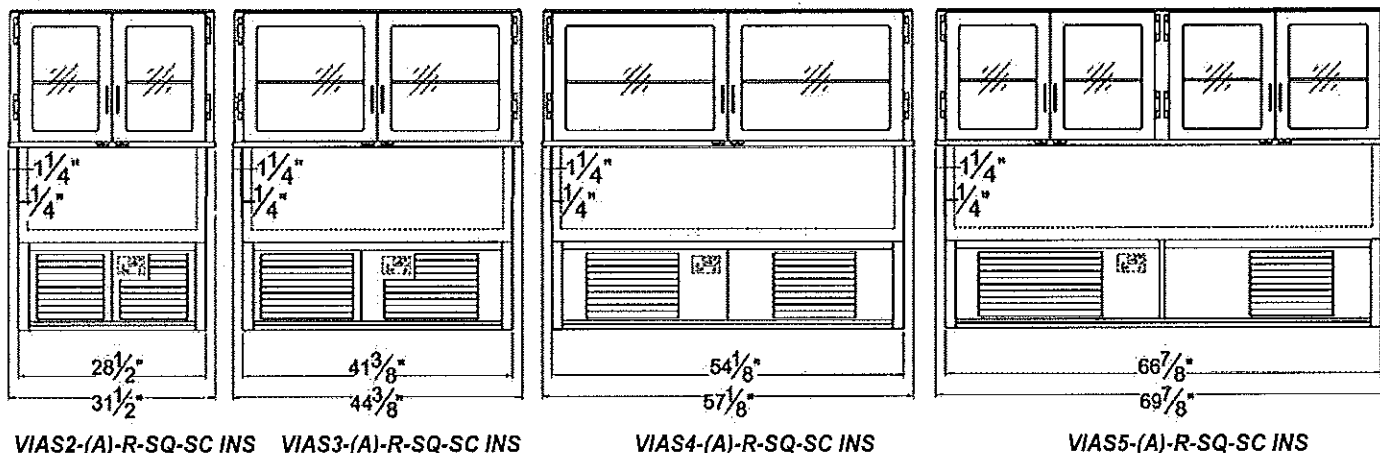
NEXT STEP DESIGN

v1.12

VIENNA GRAB-N-GO

PROJECT:

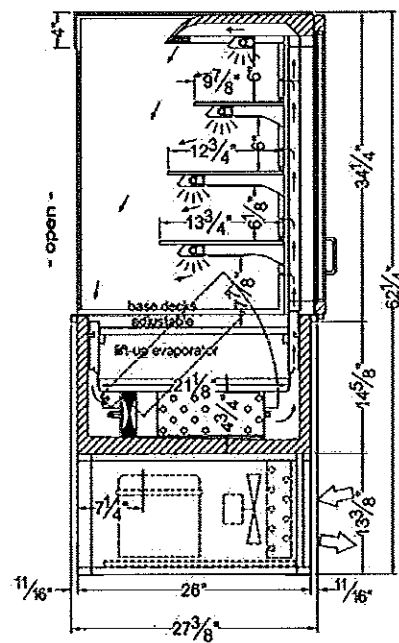
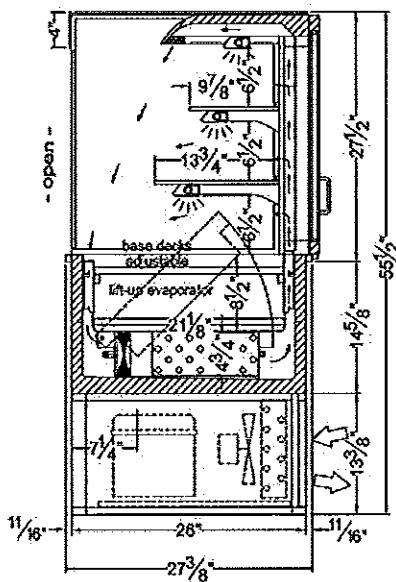
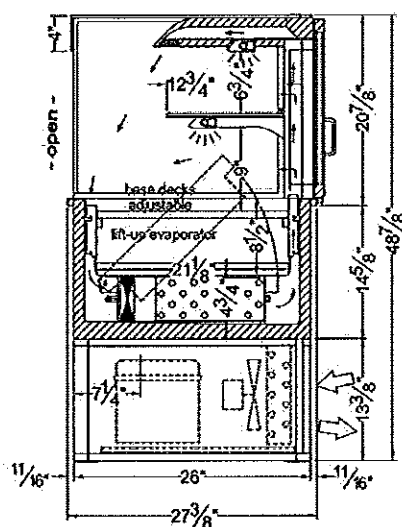
TOLL FREE: 800-525-3692

MODEL # VIAS-SQ INS SQUARED GLASS

VIAS(A)-20-R-SQ-SC INS

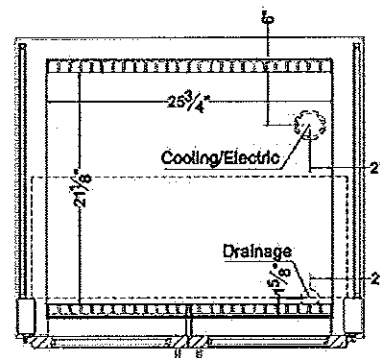
VIAS(A)-27-R-SQ-SC INS

VIAS(A)-34-R-SQ-SC INS

**UNITS SHOWN WITH "REAR AIR BREATHING" OPTION****LARGEST DIMENSION REPRESENTS OUTSIDE FLANGE**

1. A 1" diameter drain is provided. The drain **MUST** be connected to a floor drain or storage container **AT TIME OF INSTALLATION**.
2. Front and Rear ventilation louvers, each at least 25" W x 20" H, **MUST** be provided in the cabinet or counter and located so to provide full ventilation for the condensing unit.
3. The VIAS-SQ INS merchandiser is designed for use in locations where temperatures and humidity do not exceed 75 degrees and 55% R.H. Locate away from direct sunlight, rapid air currents and extreme temperature changes. Exposure to air currents from ceiling fans, air conditioners, ovens, etc. will disrupt the cases air current and refrigeration zone within. Any adverse field conditions stated above will void warranty.

RPI in line with it's policy to continually improve it's product reserves the right to change materials and specifications without notice.



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FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

Electrical & Plumbing locations

RPI INDUSTRIES INC.

NEXT STEP DESIGN



UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

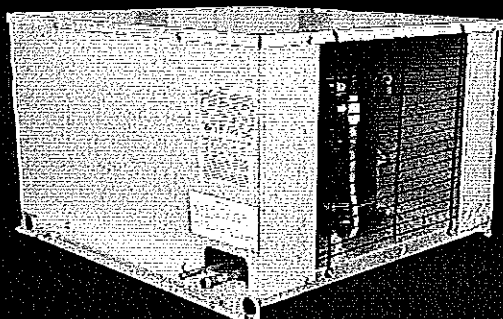
Publication No. 502.12

January, 2004

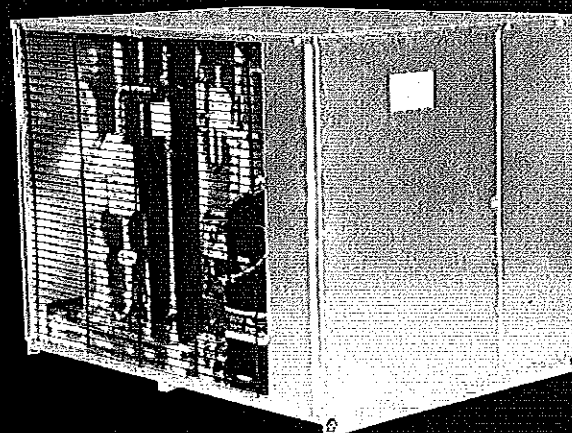
**NOW AVAILABLE
THROUGH 6 HP**

Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Features

Indoor Models

- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

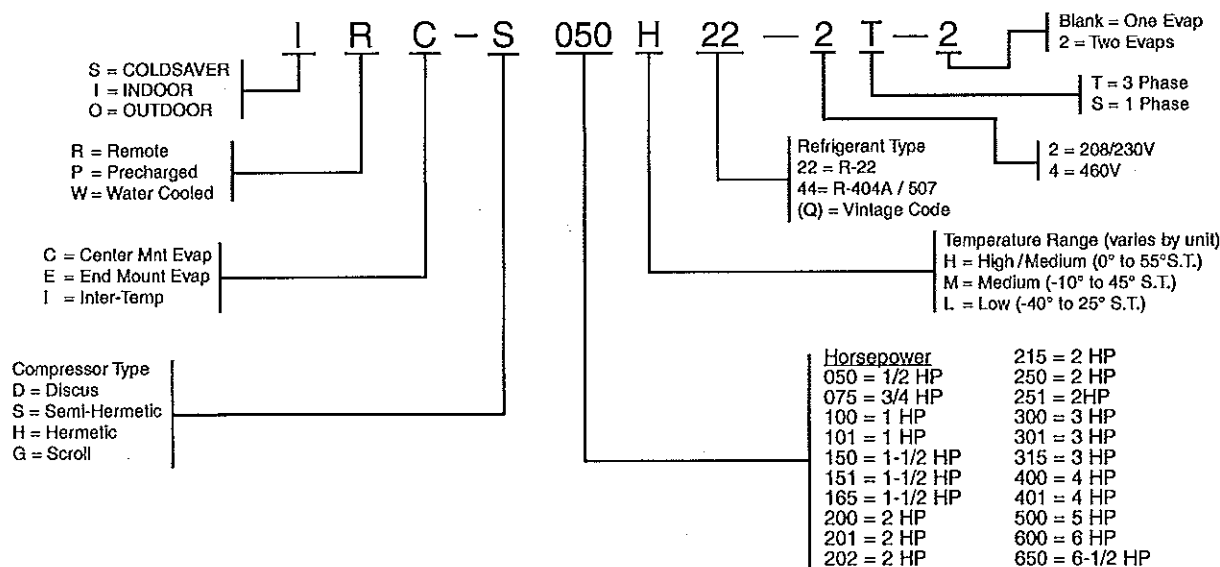
- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorber† and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorber†, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

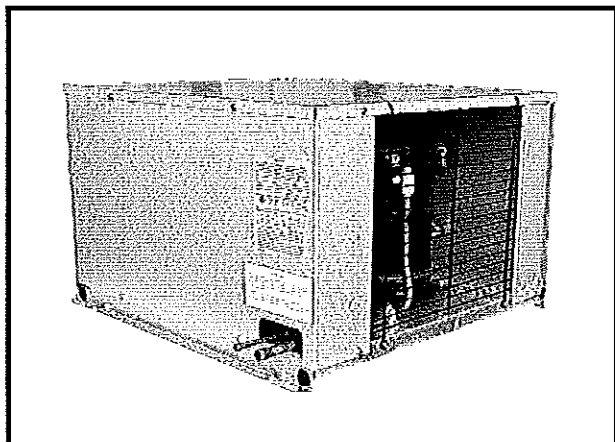
OPT = Optional Feature

† Vibrasorber not required for Hermetic and Scroll compressors. Vibrasorber not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorber required.
 †† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorbers and compressor spring mounting.

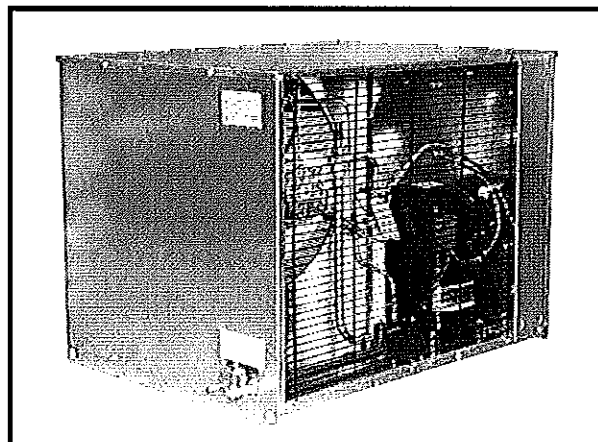
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP


ColdZone

Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157
	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195
*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
22	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	-----	-----	-----	-----	-----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	-----	-----	-----	-----	-----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	-----	-----	-----	-----	-----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
	*G301L44	3.00	-----	-----	-----	-----	-----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	-----	-----	-----	-----	-----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
22	*G500L44	5.00	-----	-----	-----	-----	-----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	-----	-----	-----	-----	-----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	-----	-----	-----	-----	-----	-----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	425
	*G650M22	6.50	63120	57830	51850	48280	41130	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K8E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

404A

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

*S050H22	0.5	4930	4100	3700	3330	2650	2070	----	----	----	----	----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	----	----	----	----	----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	----	----	----	----	----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	----	----	----	----	----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	----	----	----	----	----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	----	----	----	----	----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S400M22	4	----	----	31500	28300	22400	17800	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S500M22	5	----	----	50600	45500	36300	29000	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	----	----	----	----	----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	----	----	----	----	----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	----	----	----	----	----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	----	----	----	----	----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	----	----	----	----	----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	----	----	----	----	----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	----	----	----	----	----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	----	----	----	----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	----	----	----	----	24.3	3	1/2	1-1/8	560
*D300L44	3	----	----	----	----	----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	----	----	----	----	----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	----	----	----	----	----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	----	----	----	----	----	----	28.2	3	1/2	1-1/8	560
*D300L22	3	----	----	----	----	----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	----	----	----	----	----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	----	----	----	----	----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*S050M44	HAK-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	-----	-----	-----	-----	-----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	-----	-----	-----	-----	-----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	-----	-----	-----	-----	-----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300M44	ERF-031E	-----	-----	-----	-----	-----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	-----	-----	-----	-----	-----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	-----	-----	-----	-----	-----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	-----	-----	-----	-----	-----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	-----	-----	-----	-----	-----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	-----	-----	-----	-----	-----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	-----	-----	-----	-----	-----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	-----	-----	-----	-----	-----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	-----	-----	-----	-----	-----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	-----	-----	-----	-----	-----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	-----	-----	-----	-----	-----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	-----	-----	-----	-----	-----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	-----	-----	-----	-----	-----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	-----	-----	-----	-----	-----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	-----	-----	-----	-----	-----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	-----	-----	-----	-----	-----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	-----	-----	-----	-----	-----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

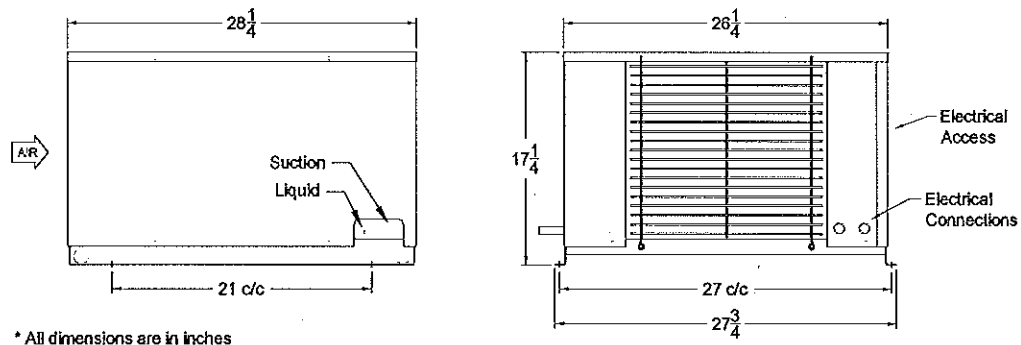
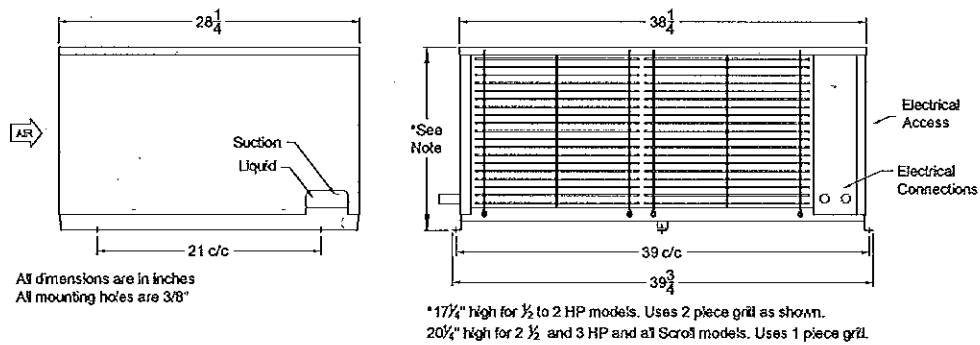
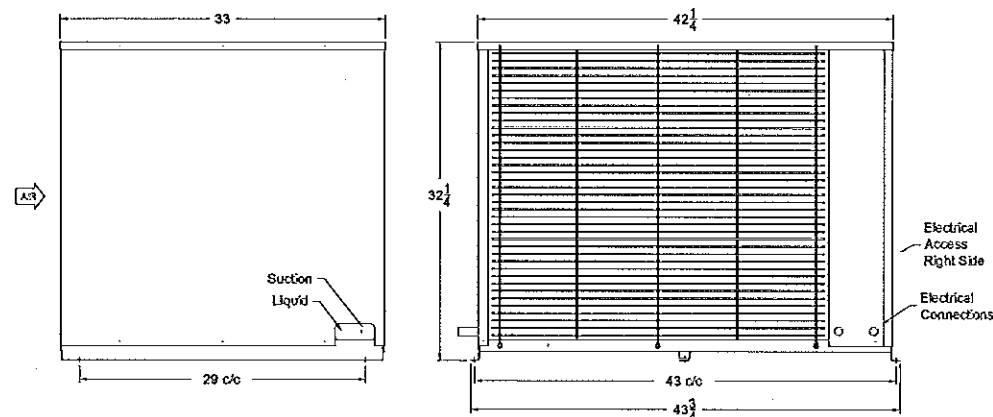
*D500M44	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	-----	-----	-----	-----	-----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	-----	-----	-----	-----	-----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	-----	-----	-----	-----	-----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	-----	-----	-----	-----	-----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	-----	-----	-----	-----	-----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)
Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

THIS ITEM IS: BEVERAGE COUNTER

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: BUILT-IN HAND SINK

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SOAP & TOWEL DISPENSER

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☒ OWNER

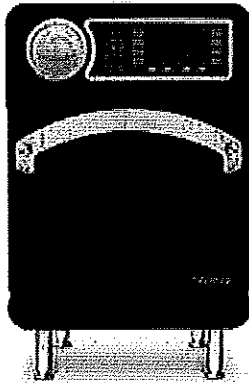
☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:



THE Sota™

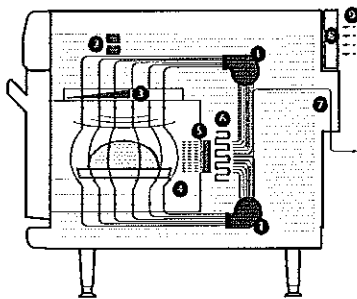


PERFORMANCE

Utilizing TurboChef's patented technology to rapidly cook food without compromising quality, the Sota provides superior cooking performance while requiring less space and consuming less energy.

VENTILATION

- UL 710B (KNLZ) listed for ventless operation.[†]
- EPA 202 test (8 hr):
 - Product: Pepperoni Pizzas
 - Results: 0.64 mg/m³
 - Ventless Requirement: <5.00 mg/m³
- Internal catalytic filtration to limit smoke, grease, and odor emissions.



1. Blower Motors
2. Microwave System
3. Stirred Impinged Air (Top) and Microwave
4. Impinged Air (Bottom)
5. Catalytic Converter
6. Impingement Heater
7. Vent Tube Catalyst
8. Air Filter
9. Inlet Air for Cooling Electronic Components

Project _____

Item No. _____

Quantity _____

EXTERIOR CONSTRUCTION

- Powder coated, corrosion-resistant steel outer wrap and door
- Die-cast aluminum front panels with matte-chrome accents
- Cool-to-touch exterior; all surfaces below 50°C
- Ergonomic matte-chrome door handle
- 4-inch nickel-plated legs

INTERIOR CONSTRUCTION

- 201/304 stainless steel
- Fully welded and insulated cook chamber
- Removable rack and lower jetplate

STANDARD FEATURES

- Independently-controlled dual motors for vertically-recirculated air impingement
- Top-launched microwave system
- Stirrer to help ensure even distribution of air and microwave
- Integral recirculating catalytic converter for UL 710B (KNLZ) listed ventless operation
- External air filtration
- Vent catalyst to further limit emissions and odors
- LED timer counts down last 30 seconds of cook time
- Smart menu system capable of storing up to 256 recipes
- Flash firmware updates via smart card
- Single or dual-temperature interface
- Field-configurable for single or multiphase operation (requires service call)
- Self-diagnostics for monitoring oven components and performance
- Smart Voltage Sensor Technology* (U.S. only)
- Stackable (requires stacking stand)
- Includes plug and cord (6 ft. nominal)
- Warranty -- 1 year parts and labor

COMES WITH STANDARD ACCESSORIES

- 1 Bottle Oven Cleaner (103180)
- 1 Bottle Oven Guard (103181)
- 2 Trigger Sprayers (103182)
- 2 Solid Aluminum Pans (i1-9496)
- 1 Aluminum Paddle (NGC-1478)



This product conforms to the ventilation recommendations set forth by NFPA96 using EPA202 test method.

* Smart Voltage Sensor Technology does not compensate for lack of or over voltage situations. It is the responsibility of the owner to supply voltage to the unit according to the specifications on the back of this sheet.

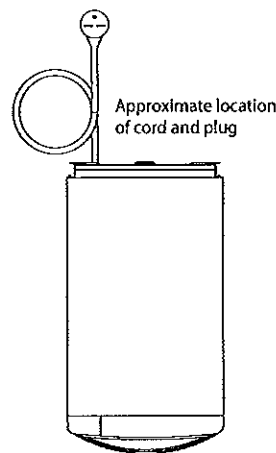
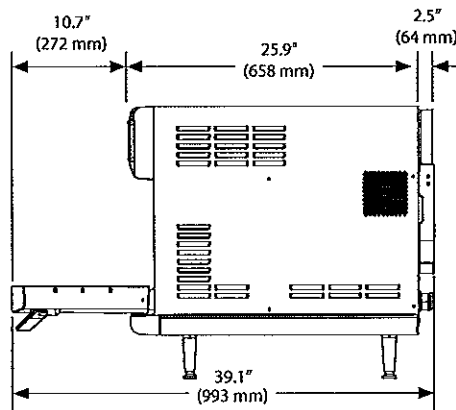
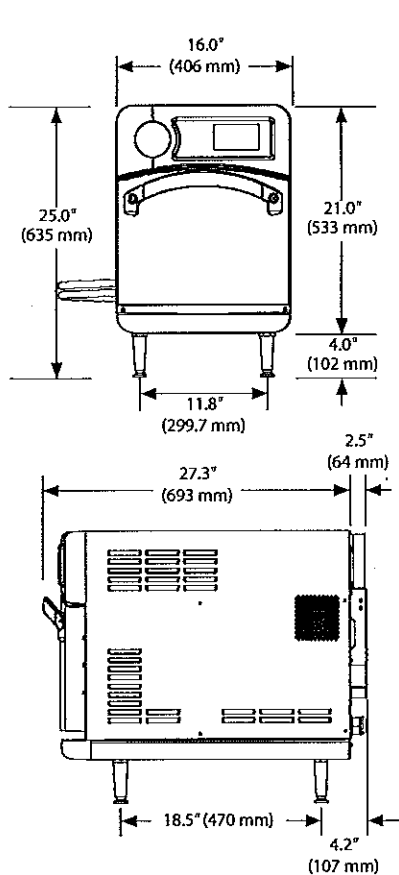
[†] Ventless certification is for all food items except for foods classified as "fatty raw proteins." Such foods include bone-in, skin-on chicken, raw hamburger meat, raw bacon, raw sausage, steaks, etc. If cooking these types of foods, consult local HVAC codes and authorities to ensure compliance with ventilation requirements.

Ultimate ventless allowance is dependent upon AHJ approval, as some jurisdictions may not recognize the UL certification or application. If you have questions regarding ventless certifications or local codes, please email ventless.help@turbochef.com

TurboChef reserves the right to make substitutions of components or change specifications without prior notice.



Sota™



- US, CAN, LA (NEMA 6-30P)
- UK, BK (IEC 309, 3-pin)
- JK (NEMA L6-50, PSE, 3-blade)
- JD (NEMA L6-50, PSE, 4-blade)
- ED, BD, SD (IEC 309, 4-pin)
- EW, KW (IEC 309, 5-pin)
- EW (Clipsal, 5-pin)

DIMENSIONS

Single Units		
Height	25.0"	635 mm
Width	16.0"	406 mm
Depth	29.8"	757 mm
Weight	170 lb.	77.1 kg
Cook Chamber		
Height	7.2"	183 mm
Width	12.5"	317 mm
Depth	10.5"	266 mm
Volume	0.54 cu.ft.	15.4 liters
Wall Clearance (Oven not intended for built-in installation)		
Top	5"	102 mm
Sides	2"	51 mm

SHIPPING INFORMATION

U.S.: All ovens shipped within the U.S. are packaged in a double-wall corrugated box banded to a wooden skid.
 International: All International ovens shipped via Air or Less than Container Loads are packaged in wooden crates.

Box size: 37" x 24" x 37" (940 mm x 610 mm x 940 mm)
 Crate size: 38" x 26" x 38" (965 mm x 660 mm x 965 mm)
 Item class: 85 NMFC #26770 HS code 8419.81

Approximate boxed weight: 205 lb. (93 kg)
 Approximate crated weight: 275 lb. (125 kg)

Minimum entry clearance required for box: 24.5" (622 mm)
 Minimum entry clearance required for crate: 26.5" (673 mm)

ELECTRICAL SPECIFICATIONS

SINGLE PHASE		
US/Canada	11-9500-1	208/240 VAC, 60 Hz, 30 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Europe (UK)	11-9500-2-UK	230 VAC, 50 Hz, 27 amps (Max Circuit Requirement: 32 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Brazil (BK)	11-9500-6-BK	220 VAC, 60 Hz, 28 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Latin America (LA)	11-9500-7-LA	220 VAC, 60 Hz, 28 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Japan (JK)	11-9500-8-JK	200 VAC, 50 Hz, 30 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Japan (JK)	11-9500-10-JK	200 VAC, 60 Hz, 30 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
MULTIPHASE		
Europe Delta (ED)	11-9500-3-ED	230 VAC, 50 Hz, 20 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Europe Wye (EW)	11-9500-4-EW	400 VAC, 50 Hz, 16 amps (Max Circuit Requirement: 32 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Japan Delta (JD)	11-9500-9-JD	200 VAC, 50 Hz, 20 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Japan Delta (JD)	11-9500-11-JD	200 VAC, 60 Hz, 20 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Korea/Middle East Wye (KW)	11-9500-12-KW	400 VAC, 60 Hz, 16 amps (Max Circuit Requirement: 20 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW
Korea/Middle East Delta (SD)	11-9500-13-SD	230 VAC, 60 Hz, 20 amps (Max Circuit Requirement: 30 amps) Max Input: 6.2 kW / MW: 3.2 kW / HTR: 3.0 kW

⚠ TurboChef requires installing a type D circuit breaker for all installations.

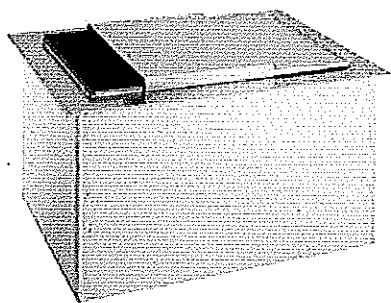
TurboChef Global Operations

4240 International Pkwy, Suite 105 | Carrollton, Texas 75007 USA
 US: 800.90TURBO (800.908.8726) | International: +1 214.379.6000
 Fax: +1 214.379.6073 | www.turbochef.com

LANCER®

IC 400

High Performance Drop-In Chest with Cold Plate



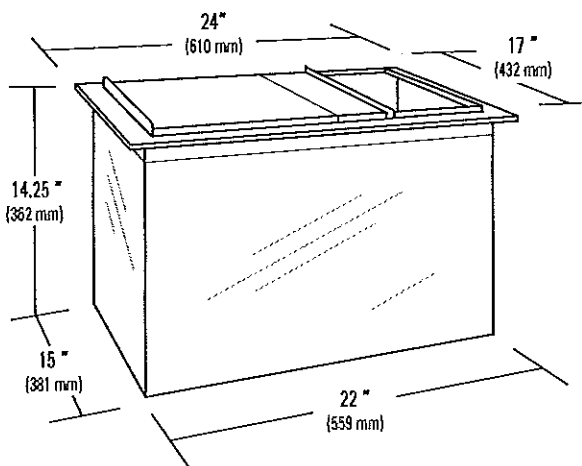
The IC 400 is designed using the highest quality materials and state-of-the-art technology providing our customers with consistent quality.

- One inch molded Polyurethane structural insulation on all sides and bottom
- 316L stainless steel
- NSF approved sliding lids
- Available with sealed-in cold plate for post-mix
- All Stainless Steel construction
- Designed for post-mix
- 15" x 22" available with sealed-in cold plate; 8 circuit post-mix
- Chests with 8 circuit cold plate have 1/2" drain



6655 Lancer Blvd San Antonio, TX 78219

210-310-7000 • 1-800-729-1500 • FAX 210-310-7250 www.lancercorp.com

LANCER®**IC 400 Drop-In Chest****S P E C I F I C A T I O N S****DIMENSIONS**

15 x 22

Width: 22 in (559 mm)

Depth: 15 in (381 mm)

Height: 14.25 in (362 mm)

SPACE REQUIRED

Counter cut-out should be 1/4" (6.35 mm) larger than dimensions

WEIGHT SHIPPING

15 x 22: 90 lbs (40.8 kg)

ICE CAPACITY

15 x 22: 60 lbs (27.2 kg)

Warranty: For warranty specifics by product, contact your Lancer Sales Representatives.

Equipment design and/or specifications may change without notice.

CORPORATE OFFICE 6655 Lancer Blvd • San Antonio, TX 78219
210-310-7000 • 1-800-729-1500 • FAX 210-310-7250 • www.lancercorp.com

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IC 400 Drop-In Chest Marine Spec Sheet 07/10

robot coupe

"The Inventor & World Leader in Food Processors"

J80 Ultra

Commercial Food Processor

Juicer



- 1 H.P. single phase industrial synchronous motor with magnetic safety switch. Push button "On-Off" switches.
- Stainless steel motor base.
- New "latch" locking device for user safety.
- Drip Tray
- Basket includes 2.5 mm grating disc and 2 handles to easily remove with no tools necessary.
- 6.5 Qt. translucent removable waste container fits perfectly below the feed hopper to prevent splashing.
- Removable ABS plastic lid is shock resistant and dishwasher safe.
- Unit base uses 9 1/8" x 14 7/8" of counter space.
- Molded base for ease of carrying.
- 1 year parts and labor warranty.

A centrifugal juicer with automatic feed capability and pulp ejection.



Robot Coupe U.S.A., Inc.

264 South Perkins

Ridgeland, MS 39157

1-800-824-1646 • (601) 898-8411

FAX: (601) 898-9134

www.robotcoupeusa.com • e-mail: info@robotcoupeusa.com

SPECIFICATIONS ON REVERSE SIDE

robot coupe

"The Inventor & World Leader In Food Processors"

J80 Ultra

Commercial Food Processor

Specifications

STANDARD MODEL: includes stainless steel motor base unit with ABS plastic lid, anti-drip spout, 2.5 mm basket and 6.5 quart waste container.

ELECTRICAL REQUIREMENTS: 120V, 60Hz, single phase. Contact your local electrician for local code requirements.

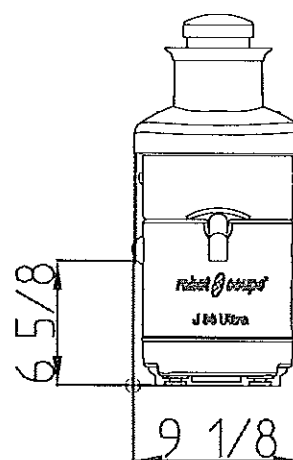
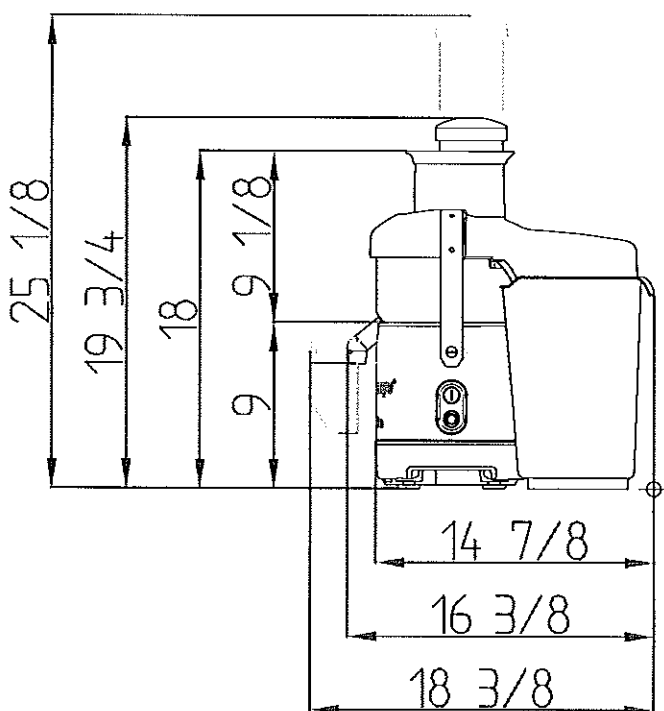
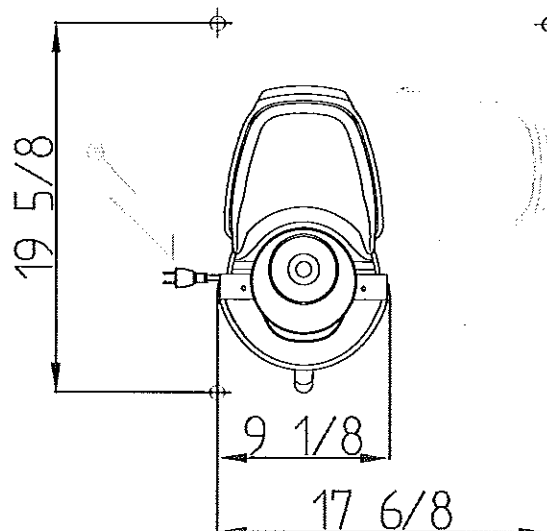
SWITCHING: Control panel with push-type on and off buttons.

MOTOR: 1 HP, 3450 RPM.

WEIGHT: 24 lbs. net, 28 lbs. approximate shipping weight.

OPTIONAL EQUIPMENT:

STANDARDS: ETL electrical & sanitation, cETL (Canada)



Robot Coupe U.S.A., Inc.
264 South Perkins
Ridgeland, MS 39157
1-800-824-1646
(601) 898-8411
FAX: (601) 898-9134
www.robotcoupeusa.com
e-mail: info@robotcoupeusa.com

Distributed by:

Robot Coupe reserves the right to change specifications. Call the factory for latest specifications and recommendations.
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Hilton Herb N Kitchen-Prototype REV

NEXT STEP DESIGN

Hamilton Beach.

C O M M E R C I A L

908™

always there, always durable.™

Bar Blender**3 reasons
to buy****Performance**

- Blends a 16 oz. daiquiri in just 25 seconds

Durability

- Powerful 3/8 Hp motor
- Rubber clutch is built to last

Ease Of Use

- High/low/off toggle switch is easy to reach and control
- Large 44 oz. polycarbonate container with filler-cap and measurement marks for easy filling

HBB908

always there, always durable.™

Bar Blender

908™

The best-known blender name for making great margaritas, daiquiris, and more

HBB908

Unique Features

Unique Features

Bar Blender

25 Second Daiquiri - When thirsty customers are waiting, you can blend 16 oz. drinks in 25 seconds flat.

Two Speeds - Offers versatility and precision blending for a wide variety of food and drink mixtures.

Durable Stainless Steel Blades - Four stainless steel blades are made to last and get the job done fast.

Large 44 oz. Container - Break-resistant polycarbonate container with filler-cap and easy-to-read measurement marks makes filling and pouring easy.

Specifications :

Standard: Unit comes with base, 44 oz. polycarbonate container, Sure Grip™ feet, and blade assembly unit

Controls: High/Low

Motor: 3/8 Hp

Electrical: 120 V, 60 Hz

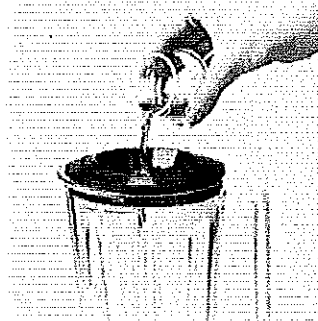
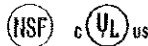
Weight: 9 lbs / 4.1 kg (shipping)

Warranty: 1 year parts & labor

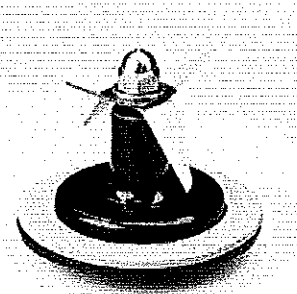
UPC: 0 40094 91093 9

12 of 5: 000040094910939

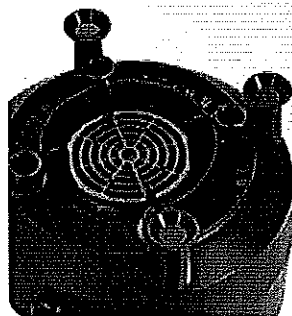
Case Pack Qty: 2



Removable filler-cap lets you add ingredients while blending



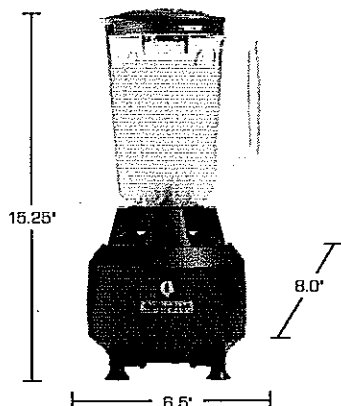
Stainless steel blades quickly cut through ice and other ingredients



Sure Grip™ feet hold blender securely in place

Performance -

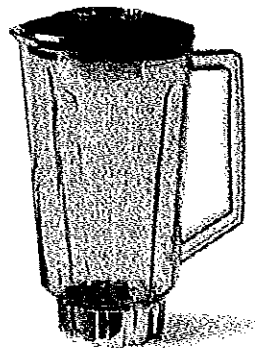
Take an order for a daiquiri, margarita, or any popular 16 oz. icy drink and serve it up - perfectly smooth and with no ice chunks - in as little as 25 seconds.



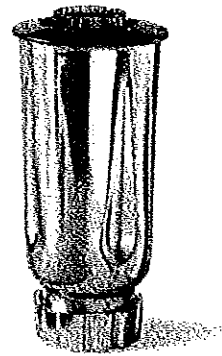
Hamilton Beach Commercial
4421 Waterfront Drive
Glen Allen, VA 23060
800-572-3331 / Fax 800-851-3331
www.commercial.hamiltonbeach.com



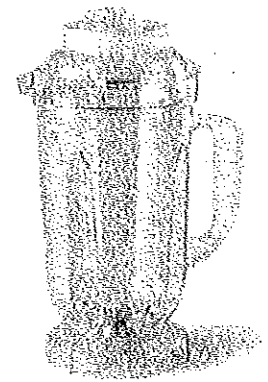
98112
1/2 gallon polycarbonate
container
Complete cutting assembly and
cover. For models 911, 91200,
918, and 919.



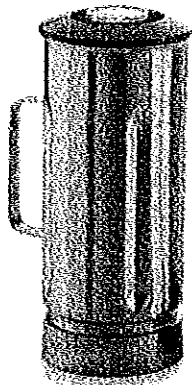
6126-908
44 oz. polycarbonate
container
With complete cutting assem-
bly and cover.
For models 908 and 918.



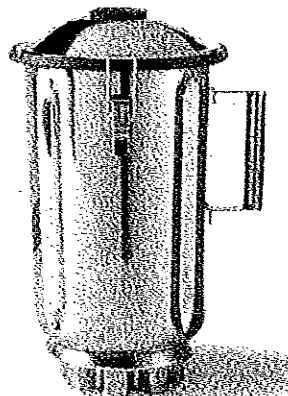
6126-909
32 oz. stainless steel
container
With complete cutting assembly
and cover.
For models 909 and 911.



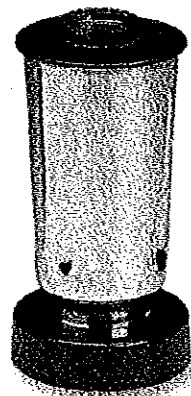
6126-91400
1/2 gallon polycarbonate
container
With complete cutting assembly
and cover. For model 91400.



6126-911
1/2 gallon stainless steel
container
With complete cutting assembly
and cover. For models 911,
91200, 918, and 919.



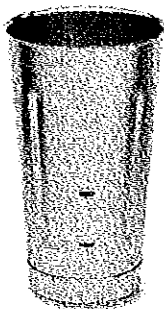
6126-990
1 gallon stainless steel
container
With complete cutting assem-
bly and cover. For model 990.



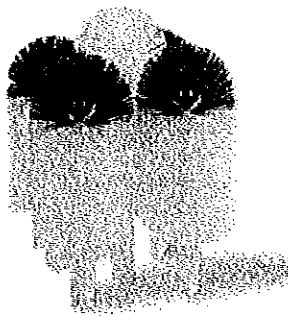
98100
32 oz. stainless steel
container
With complete cutting assembly,
cover, clutch and collar. For mod-
els 918, 919, 911, and 91200.



98000
44 oz. polycarbonate
container
With complete cutting assembly,
cover, clutch and collar. For mod-
els 918, 919, 911, and 91200.



110E
Universal stainless
steel container



97040
Brush kit
Contains four 6 1/2" black and
white brushes and one 8 1/2"
white brush. Fits all makes
and models.



97030
8 1/2" universal
replacement brushes
Fits all makes and models.



980001500
Coffee carafe brush
Fits all makes and models.

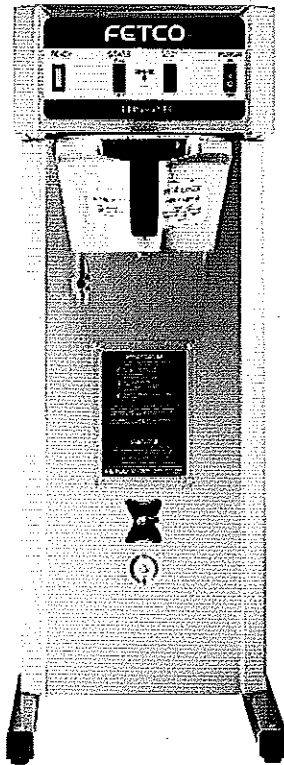
Hamilton Beach

FETCO®

ITEM NUMBER: _____

MODEL TBS-21A
SERIES Iced Tea /Coffee

Exceptional Tea & Coffee
Deserves Exceptional Brewing



Dispensers Sold Separately



Patents: 6,148,717; 6,565,906; 6,571,885; 6,576,282
 6,705,208B1, 6,713,109, 6,889,598 Other Patents
 Pending. International Patents Apply.

FETCO®
600 Rose Road
Lake Zurich, Illinois 60047 USA
Phone: (847) 719-3000
Toll Free: (800) FETCO-99
FAX: (847) 719-3001
sales@fetco.com
http://www.fetco.com

Introduction

The best glasses of iced tea and coffee have optimal contact times. The TBS-21A utilizes FETCO's patented intermittent spray feature to control the amount of time the water stays in contact with the tea leaves or coffee grounds. Dilution either at the end of the brew cycle (with or without a delay) or during the brew cycle (in between sprays) allows for total control over the finished product.

Features

With effortless external calibration one can program up to 2 independent batches. These batches can be independently programmed for both coffee and tea. It is now possible to design different recipes for both coffee and tea, to achieve the perfect glass of iced tea or coffee, by controlling the variables of extraction independently.

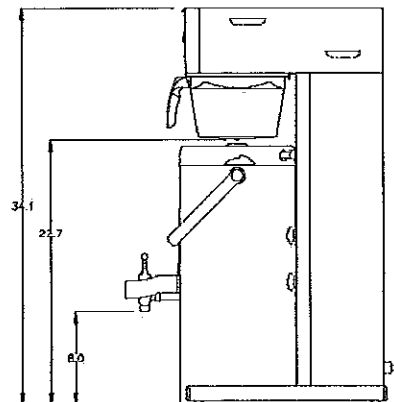
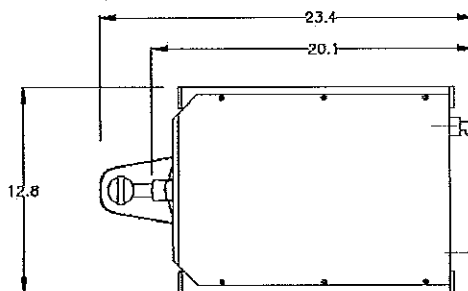
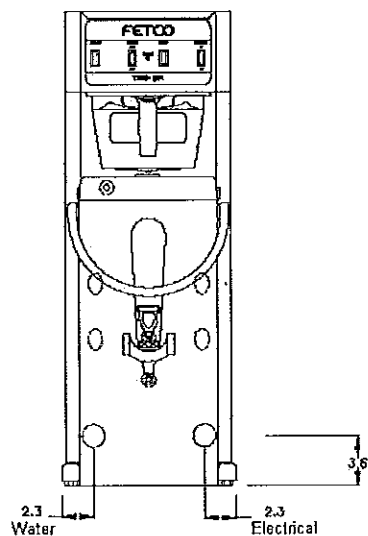
The Ultimate in Iced-Tea Dispensing

FETCO® tea dispensers are totally portable, once filled, they can be taken anywhere; wait stations, indoors, outdoors, or to different floors for hours of reliable service. Finally, an iced-tea dispenser that is attractive enough to merchandise your tea in any serving location. Furthermore, this dispenser incorporates an innovative, dishwasher safe liner for easy cleaning.

Consultant & Contractor Approvals:

Printed in USA 2006

MODEL TBS-21A **SERIES Iced Tea/Coffee**



Dimensions (Brewer):

Height - 34" (864mm) Width - 13" (330mm) Depth - 20" (508mm)

Dimensions (Shipping): Ships By Pallet

Height - 37" (940mm) Width - 13" (330mm) Depth - 28" (711mm)

Weight - 45 lbs (34.5 kg)

ELECTRICAL

ELECTRICAL CONFIG. CODE	HEATER CONFIG.	VOLTAGE	PHASE	WRES	KW	MAX AMP DRAW	BATCHES PER HOUR(1)
E21016	1x2.1 KW	120	1	2-4G	2.2	18.0	8.0

(1) Based on standard factory settings.

WATER

WATER INLET (INCH)	WATER PRESSURE	FLOW RATE
3/8 MALE FLARE	20-75 psig	1.6 gpm

OPTIONS

Z005	Color Coded Dispenser Faucet Handles
	For D041 & D042 Orange (Standard Black)
	For D031 Orange, Red, Blue, Green (Standard Black)
Z047	Red Handle On Brew Basket
Z048	Green Handle On Brew Basket
Z049	Orange Handle On Brew Basket
Z054(2)	Conversion For Coffee or Hot Tea (3.0 Liter)
Z055	Export Voltages Available

(2) Takes Place Of Second Batch Includes Controls & Brew Stand For Airpot

FILTERS

F001	15" x 5 1/2" Paper Filters (500 Per Case)
------	---

ACCESSORIES

A015	Round Drip Tray
A039	In Line Water Filter With Cartridge
A075	Replacement Water Filter Cartridge
A095	Airpot Brewing Stand (BS-5)
A108	Coffee Brew Basket (16" x 6")
A112	Airpot Hot Tea Infuser

DISPENSERS

D031	3.0 Gallon Iced Tea Dispenser (ITD-30)
D031	3.0 Gallon Iced Coffee Dispenser (ICD-30)
D041	3.0 Liter Stainless Steel Lined Lever Airpot
D042	Case (6) of 3.0 Liter Stainless Steel Lined Lever Airpot

FETCO®

600 Rose Road

Lake Zurich, IL 60047-0429 USA

Phone: (847) 719-3000 Toll Free: (800) FETCO-99

FAX: (847) 719-3001

sales@fetco.com http://www.fetco.com

Printed in USA 2006

FETCO, LUXUS, Extractor, Pulse-Brew are all trademarks or registered trademarks of Food Equipment Technologies Company.

THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

Single 1.5 Gallon Thermal Coffee Brewing System

CBS 5000

S E R I E S

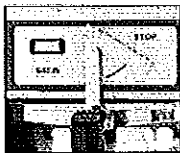
CBS-51H

TPD STYLE

The Ultimate Coffee Machine.

Your Answer to Brewing The Best Tasting Coffee
Consistently Day After Day...

Developed with proprietary designs and technologies, FETCO® equipment ensures safety and integrity of each brew with innovative designs such as:



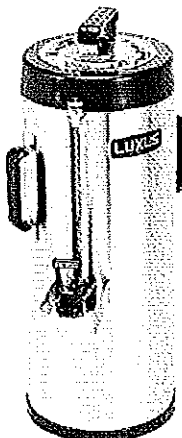
- Dual Brew Basket Safety Lock Incorporated Into Start Switch



- Stainless Steel Gourmet Size Brew Basket Designed For Heavier Brew Ratios

FETCO® Brewers Utilize The Most Recent Technological Advances In Coffee Brewing In Order To:

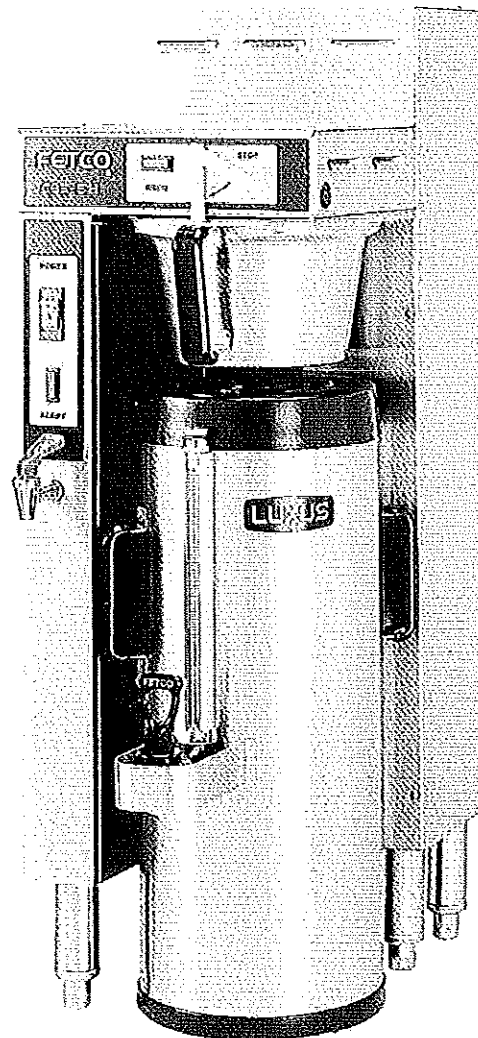
- Hold A Constant Water Temperature During 100% Of Brew Cycle
- Maintain Sprayover Volume Consistency
- Resist Lime Buildup Inside Dispense Tube System
- Utilize All Solid State Components



The LUXUS® Thermal Dispenser
Totally portable, requires no electric power.

Once filled and capped, it goes anywhere...Ready to act as your remote dispensing station wherever needed.

You can prepare them ahead of time and place them where you want them. It is important to note that the LUXUS® thermal dispenser can be staff-operated or used as a self-service system



CBS-51H in Stainless Steel finish and with 1.5 gallon TPD style LUXUS® Thermal Dispenser
Dispenser sold separately.

FETCO®
CORPORATION

CBS-51H

Standard Features:

Stainless Steel, Gourmet Size Coffee
Brew Basket
Brew Basket Double Safety Lock
Open-Type, Leak-Free Dispense System
Fully Automatic With Electronic Type
Temperature Control
Mercury Type Power Contactor
Two-Level Tank Drain System
Total Serviceability From The Front
Hot Water Service

Optional Features:

Half Batch Brewing Capability
Iced Tea Brewing Capability
Color Stainless Steel Finish
Custom & Export Voltage

Accessories:

1.5 Gallon LUXUS® Thermal Dispensers
Drip Tray

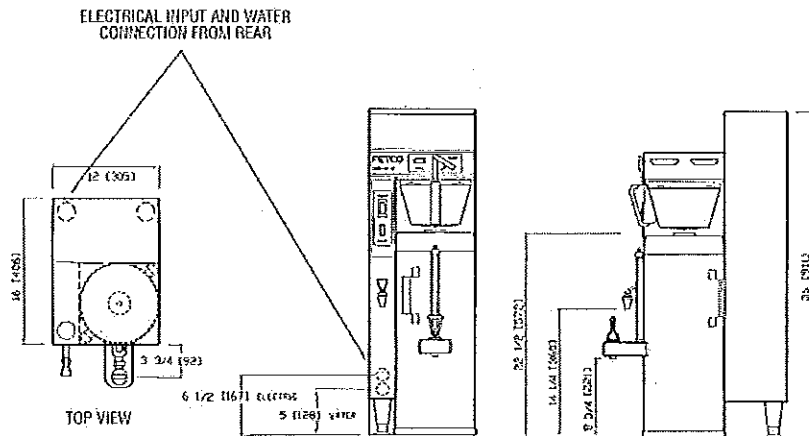
Shipping Dimensions:

Set: 35" x 14" x 23"

Shipping Weight:

Total: 66 lbs

Dimensions & Specifications



Water Requirements: 20-75 psig, 0.5 gpm flow rate. Water inlet is 3/8 Male Flare
Tank Capacity: 3.7 gallons

Standard Electrical Configurations & Brewing Efficiency

Model	Wattage	Volts	Phases	Wiring	KW	Max/min Amperes	Brewing Rate Gallons/Hour
C51016	1 x 1800 watt	120	single	2 + ground	1.9	15.5	3.0
C51026	1 x 3000 watt	120/208 120/220 120/240	single single single	3 + ground 3 + ground 3 + ground	2.3 2.6 3.1	11.3 12.0 13.0	3.7 4.3 5.0
C51036	1 x 4000 watt	120/208 120/220 120/240	single single single	3 + ground 3 + ground 3 + ground	3.4 3.4 4.1	14.9 15.8 17.2	5.0 5.8 6.6
C51046	2 x 3000 watt	120/208 120/220 120/240	single single single	3 + ground 3 + ground 3 + ground	4.6 5.2 6.1	22.1 23.4 25.5	7.4 8.6 9.9
C51056**	2 x 4000 watt	120/208	single	3 + ground	6.1	29.3	9.9
C51096	Custom Export Voltage - Consult Factory						

** Version is rated for 208 volts maximum

This product is approved by one or more of the following marks:



Patents & Approvals:

U.S. Pat. Nos. 5,000,082; 5,331,885.
Other patents pending.
International patents apply.

FETCO® Corporation is a
proud and active member
of these organizations:



FETCO
CORPORATION

Food Equipment Technologies Company
640 Heathrow Drive, Lincolnshire, IL 60069 USA
Phone: 847.821.1177 800-FETCO 99 Fax: 847.821.1178
Internet: www.fetco.com E-mail: sales@fetco.com

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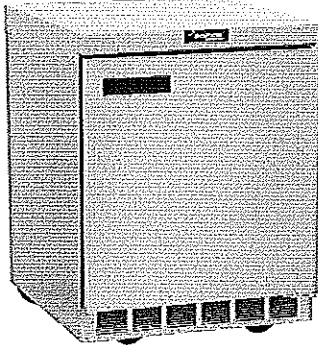
UC4427N Undercounter

Reduced Height Front-Breathing Self-Contained
Undercounter Refrigerated Bases

Project _____
Item _____
Quantity _____
CSI Section 11400
Approved _____
Date _____

Models

- UC4427N Single section refrigerator, under counter with doors
- UCD4427N Single section refrigerator, under counter with drawers



UC4427N

Standard Features

- All 4400 and 4500 Series units are 100% front breathing, which allows the unit to be pushed against a wall or built into a cabinet or an existing line up
- Durable, rugged stainless steel sides, top and front
- Features Delfield's exclusive ABS interior (on sides). ABS is extremely durable - it won't dent, chip or corrode and is backed by a limited lifetime warranty
- Heavy duty self-closing hinges
- "D" prefix models feature Delfield's exclusive new drawer system. Drawers are backed by a 10-year warranty on the track assembly
- Environmentally friendly R404A refrigerant
- High density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane keeps energy costs low
- Black recessed quick grip handle
- Standard on 3" casters for easy cleaning and installation
- 60-cycle single phase electrical system

- 6' cord and plug supplied
- One epoxy coated wire shelf standard, installed per door section
- ACT solid state electronic control
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- 18" wide single tier overshell
 - Stainless steel finish on back
 - Plastic laminate on front
 - Additional wire shelves
 - Door lock (solid door models only)
 - Exterior thermometer (solid door models only)
 - Interior lights
 - Glass door(s)
 - 220V/50 Hertz electrical system*
- * Inclusion of this option will alter electrical specifications of the unit

Specifications

Exterior top is one-piece, 22-gauge stainless steel with integral 2.12" (5.4cm) square nosing on the front.

Exterior back and bottom are two-piece 24-gauge galvanized steel. Exterior ends are stainless steel.

Interior sides of door models are thermoformed ABS plastic with integral shelves supports. Interior back is one-piece 22-gauge stainless steel. Interior bottom and top are thermoformed ABS plastic. Base is fully insulated with high-density foamed in place environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane.

Refrigeration system uses HFC-404A refrigerant. Compressor is 1/5 H.P., with condenser coil and condensate evaporator mounted on rear of the cabinet. Evaporator coil is located on the interior rear wall of the cabinet. Refrigerant flow is controlled by a capillary tube. Cabinet maintains an interior cabinet temperature of 36°F to 40°F (2°C to 4°C).

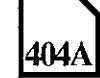
ACT electronic, solid state control, mounted at the rear of the cabinet, allows the unit to maintain precise temperatures in heavy duty conditions.

Electrical connections are 115 volt, 60 Hertz, single phase. Unit has a 6' (1.8m) long electrical cord and NEMA 5-15P plug.

Casters: Equipment is mounted on 3" (7.6cm) diameter plate casters. Equipment clearance above the floor is 0.66" (1.7cm).

Doors have a 24-gauge stainless steel exterior, with thermoformed ABS plastic interior liner. Cabinet of door models has one adjustable epoxy-coated wire shelf.

Drawers have a 24-gauge stainless steel exterior with thermoformed ABS plastic interior liner. Drawer frames are 12-gauge stainless steel. Drawer slides are 11-gauge stainless steel with Delrin bearings. Drawer units have two drawers. Top drawer holds one 12" x 20" (30.5cm x 50.8cm) and three 1/6 size 4"-6" (10.2cm-15.2cm) deep pans. Bottom drawer holds one 12" x 20" and three 1/6 size 4" deep pans. Pans are supplied by others.

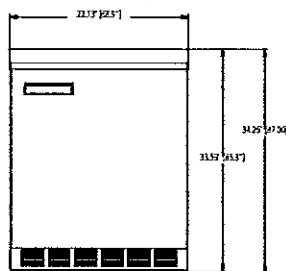


Only
Model UC4427N

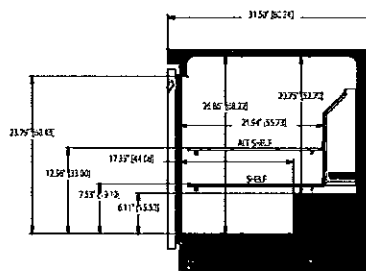


Reduced Height Front-Breathing Self-Contained
Undercounter Refrigerated Bases

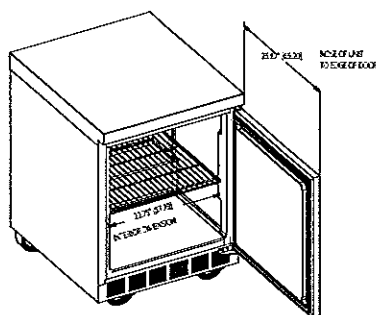
UC4427N Undercounter



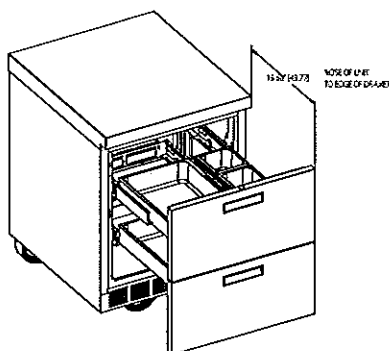
UC4427N Elevation View



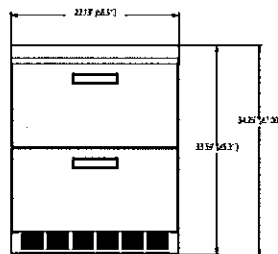
UC4427N Right Side View



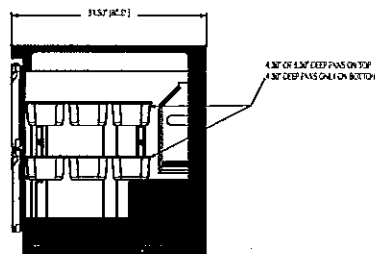
UC4427N ISO View



UCD4427N ISO View



UCD4427N Elevation View



UCD4427N Right Side View

INSTALLATION NOTE:

Refrigeration system is designed so that air will flow under the unit, through the compressor area and out the front of the unit. Any restriction to this air flow path will void the warranties.

PLEASE NOTE:

Air flow through the louver on the back of the unit is not necessary for operation, however, any air which passes through the louver is beneficial.

Specifications

Model	# of Shelves	Shelf Area	Volume	H.P.	V/Hz/Ph	Amps	Nema Plug	Ship Weight	Energy KWH/Day
UC4427N	1	3.17ft ²	8.20ft ³	1/5	115/60/1	3.9	5-15P	223lbs/101kg	1.99
UCD4427N	NA	NA	8.20ft ³	1/5	115/60/1	3.9	5-15P	245lbs/111kg	NA

Delfield reserves the right to make changes to the design or specifications without prior notice.

980 S. Isabella Rd.
Mt. Pleasant, Michigan 48858

Phone: 800-733-8948 or 989-773-7981
Fax: 800-669-0619
www.delfield.com

Printed in the U.S.A.
DSUC4427N
03/13





Star Manufacturing International, Inc.

QCS1 SERIES COMPACT CONVEYOR TOASTER

QCS Features/Benefits:

- ★ Forced convection system keeps the toaster cool to the touch and extends the life of critical components. The forced convection system increases productivity by circulating pre-heated air into toasting chamber.
- ★ Quartz infrared heaters provide faster, more consistent heating than traditional heating elements.
- ★ Compact design- requires only 14-1/4" of counter space and the forced convection system allows the unit to be placed against a wall. Other toasters have louvers requiring additional counter space.
- ★ Steady production in a compact foot print -
QCS1-350 toasts up to 350 slices per hour
QCS1-500B toast up to 500 bagel halves per hour
- ★ Easy to use control panel takes the guesswork out of speed control settings.
- ★ Variable speed control for perfect color and texture of bread, bagels, English muffins and more!
- ★ Energy efficient operation with power saver switch reducing electricity consumption by 75%. And quartz heaters return to full power in seconds vs. minutes for metal-sheathed elements.
- ★ Extended conveyor belt for easy loading and large warming area for higher production.
- ★ Safe load up area with full width front burn guard and cool to the touch exterior.
- ★ "Smart" crumb tray keeps the bread crumbs from falling under the toaster.
- ★ Heated holding area to keep toast at the perfect temperature.
- ★ 24 hours 7 days a week technical support by Star technicians.
- ★ 120V - plugs in anywhere.

Applications:

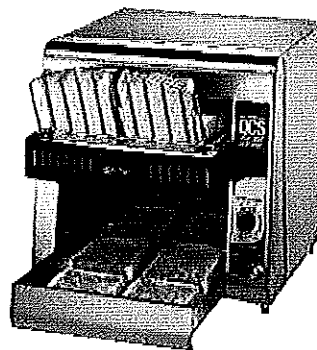
Star's Holman QCS compact conveyor toaster has been designed and engineered for the budget minded small volume operation. The QCS toaster is compact and versatile requiring minimal counter space and delivers perfect toast, bagels, buns, English muffins, frozen waffles and more for about the price of a pop up toaster.

Quality Construction:

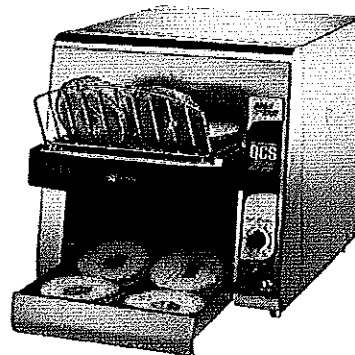
Holman designs every toaster to stand up to the most rigorous foodservice demands. Stainless steel construction for long lasting durability. Heavy-duty motor, drive chain and conveyor speed control for superior reliability. Conveyor belt tension system for smooth and quiet operation. High performance Quartz Infrared Heaters for superior toasting performance and reliability. Units are easy to disassemble with one-piece cover for cleaning and service. Toasters are furnished with 1" adjustable legs and 4' cord and a standard NEMA 5-15 plug for plug in installation in a grounded 120V outlet.

Warranty:

Holman's conveyor toasters are covered by a one-year parts and labor warranty.



QCS1-350



QCS1-500B



QCS1 Series Toasters

Star Manufacturing International Inc. - 10 Sunnen Drive - P.O. Box 430129 - St. Louis, MO 63143-3800

Phone: (800) 264-7827 - FAX: (800) 264-6666 - www.star-mfg.com

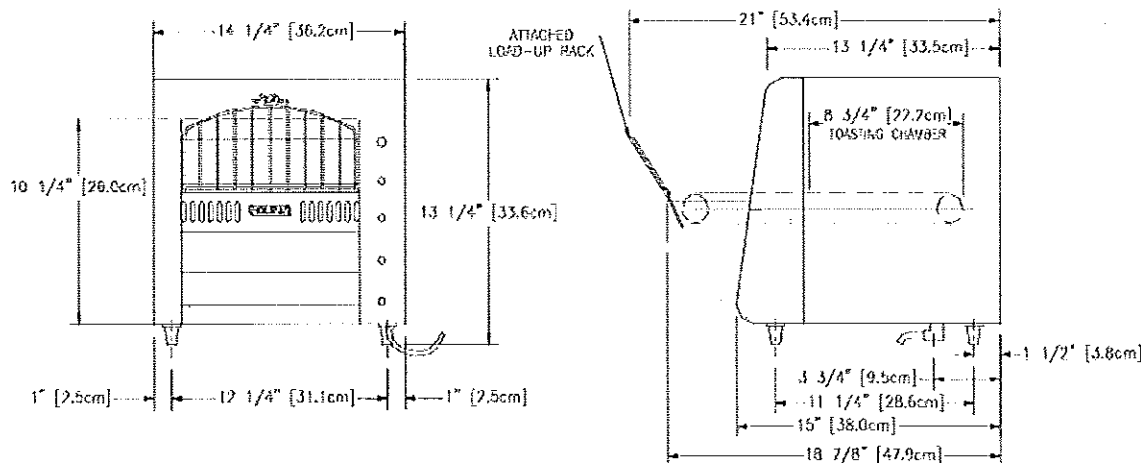
H215/1033



Star Manufacturing International, Inc.

QCS1 Series Toasters

QCS1 SERIES COMPACT CONVEYOR TOASTER



Performance Data

Model No.	Production Capacities	Product Opening
QCS1-350	Up to 350 slices per hour	1-1/2"
QCS1-500B	Up to 500 bagel halves per hour	1-1/2"

Specifications

Model No.	Dimensions			Shipping Weight lbs. (kg)	Shipping Carton		
	Width Inches (cm)	Depth Inches (cm)	Height Inches (cm)		Width Inches (cm)	Depth Inches (cm)	Height Inches (cm)
QCS1-350	14-1/4" (36.2)	18-7/8" (47.9)	13-1/4" (33.6)	44 (20)	17-3/4" (45.1)	16-1/2" (41.9)	22" (55.9)
QCS1-500B	14-1/4" (36.2)	18-7/8" (47.9)	13-1/4" (33.6)	44 (20)	17-3/4" (45.1)	16-1/2" (41.9)	22" (55.9)

Electrical Data

Model No.	Volts	HZ 1 Phase	Amps	Watts	Heating Elements		NEMA
					Above Belt	Below Belt	
QCS1-350	120	60	13.8	1600	2	2	5-15P*
	220	50	7.8	1600	2	2	6-15P - CEE7-7
QCS1-500B	120	60	12.2	1600	2	0	5-15P*
	220	50	6.9	1600	2	0	6-15P - CEE7-7

* 5-20P For Canada

Typical Specifications

Compact conveyor toasters are constructed of corrosion resistant stainless steel. Supplied with heavy-duty motor, drive chain and fast heat up quartz infrared heaters. A conveyor belt tension system is supplied for a smooth, quiet operation. Units are supplied with variable speed control, power saver and high limit switch. Extended conveyor belt, crumb tray, heated holding area and full width burn guard are standard. Unit has a one-piece cover for easy access with 1" adjustable legs and a 4' cord. Units are listed with UL, CUL and are UL certified to NSF4. Patent number D459,140. Printed in the U.S.A.

Due to periodic changes in designs, methods, procedures, policies and regulations, the specifications contained in this sheet are subject to change without notice. While Star Manufacturing exercises good faith efforts to provide information that is accurate, we are not responsible for errors or omissions in information provided or conclusions reached as a result of using the specifications. By using the information provided, the user assumes all risks in connection with such use.

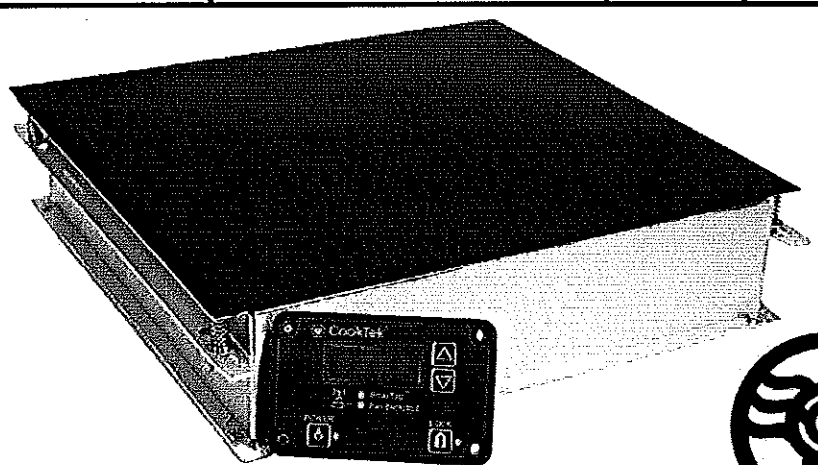
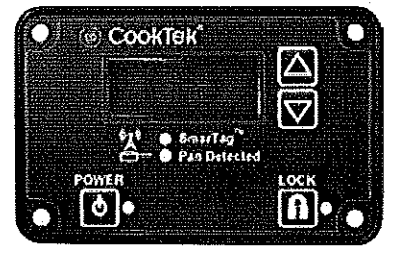


Star Manufacturing International Inc. - 10 Sunnen Drive - P.O. Box 430129 - St. Louis, MO 63143-3800

Phone: (800) 264-7827 - FAX: (800) 264-6666 - www.star-mfg.com



650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET

B651-U, B652-U

Product Name	650 Watt Under Counter-Top Incogneeto™ Induction Buffet	Quantity		Item #	
  <p>Note: Induction buffet units require the use of induction compatible (i.e. magnetic) servingware.</p>  <p>Magneeto™ 2 pictured one included with purchase of each unit</p> 					

650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET B651-U, B652-U

Standard Features

- Under counter-top design, aluminum housing, heavy duty energy efficient electronics, and polycarbonate top
- Mounts to underside of counter-top on fixed position track system - 19.76" (502mm) supplied.
- Units require CookTek Magneeto™ 2 trivet (patent pending) - included with each unit - and standard induction compatible serving dishes. Magneeto™ 2 acts as a temperature sensor, communicator, and locator device which allows heating of induction compatible dishes through stone counter-top
- Units compatible with 20 or 30mm thick standard granite countertops
- Temperature selected via control panel, or Magneeto™ 2 can be programmed via keypad to preset a temperature for automatic control
- Automatic pan detection allows for instant energy transmission to pan, and almost no energy consumption when pan is not present
- Maximum temperature limit prevents damage to servingware, keeps food in the "safe zone," and keeps operations within ventilation code
- Standard Cat 5e or Cat 6 patch cable from unit to control box is included. Replacement cables up to 25ft (7.6m) long may be used but MUST BE SHIELDED.
- Lock feature prevents unwanted setting changes
- Red LED display for precise user feedback and control

- Available in 650 watts (100-120VAC - three units per 15 amp circuit, four per 20 amp circuit) and 650 watts (200-240VAC - five units per 15 amp circuit)
- Three year limited warranty in US and Canada only - see warranty statement for full details.
- Made in the USA*

Specifications

Shall be a CookTek under counter-top induction buffet unit, model _____ with a total kW rating of 0.65 kW.

Unit shall be manufactured in the United States and constructed of an aluminum housing and polycarbonate top.

Unit shall be built with an auto shut-off feature to prevent overheating, offer self-diagnostics, and have a pan-maximizer feature to ensure maximum heating of any induction compatible pan.

Unit shall operate on _____ power with integral _____ cord and plug (supplied).

NOTE: When mounting, the TOTAL DISTANCE from the top of the unit to the top of the countertop must be 1.57" (40mm)

*of USA and Imported parts

CookTek Induction Systems, LLC
156 N. Jefferson St. Ste 300
Chicago, IL 60661-1436, USA
www.cooktek.com

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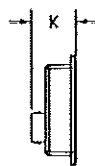
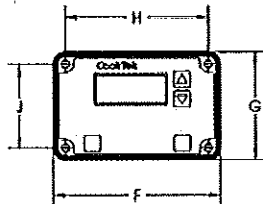
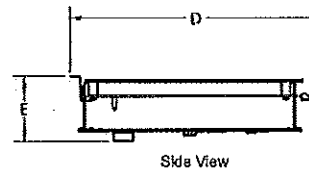
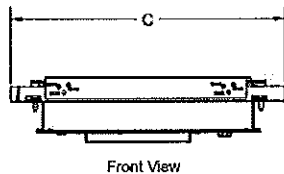
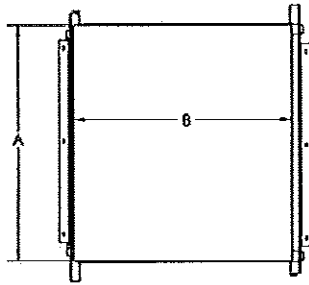
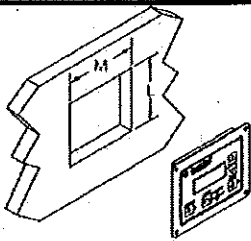
B65x-U 12157_A USINTL



650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET

B651-U, B652-U

650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET B651-U, B652-U



Dimensions		
	inches	mm
A	16.23	412
B	14.91	378
C	19.76	502
D	17.50	444
E	4.17	105
F	3.81	97
G	2.46	62
H	3.26	83
J	1.91	46
K	1.02	26
L	2.25	57
M	2.90	74



- Internal cooling fan displaces 70 CFM (2.0m³/min). Adequate cabinet venting should be provided - typically 16in² (100cm²) per unit. The maximum (do not exceed) ambient temperature is 50°C/122°F.
- Cooling clearance: 2" (55mm) for front and rear, 6" (152mm) below
- When mounting, the TOTAL DISTANCE from the top of the unit to the top of the countertop must be 1.57" (40mm)

Specifications

Model Number	B651-U	B652-U
Power Requirements	100-120VAC, 1Ph	200-240VAC, 1 Ph
Power Consumption	650W (max)	650W (max)
Voltage	100-120VAC, 50/60 Hz	200-240VAC, 50/60 Hz
Amperage	5A (max)	2.7A (max)
Power Range	100-650W	100-650W
Preset Temperatures	150, 160, 175, 190°F / 65, 70, 80, 85°C	150, 160, 175, 190°F / 65, 70, 80, 85°C
Additional Temperature Settings Range	80-190°F / 30-85°C	80-190°F / 30-85°C
Dimensions (in)	19.76" x 17.50" x 4.17"	19.76" x 17.50" x 4.17"
Dimensions (mm)	502 x 444 x 105	502 x 444 x 105
Weight	15 lbs / 6.8 kg	15 lbs / 6.8 kg
Packaged Weight	20 lbs / 9 kg	20 lbs / 9 kg
Packaged Dimensions (in)	20" x 20" x 10"	20" x 20" x 10"
Packaged Dimensions (mm)	508 x 508 x 254	508 x 508 x 254
Power Cord Length	6 ft / 1.8 m	6 ft / 1.8 m
Plug Type	NEMA 5-15P	NEMA 6-20Pin US/Canada - country specific elsewhere
Remote Control Box Cord Length	6 ft / 1.8 m	6 ft / 1.8 m
Warranty	36 months limited parts and labor in US/Canada only - see statement for details	

Note: Ambient air should not exceed 50°C/122°F. Many local codes exist, and it is the Owner and Installer's responsibility to comply with those codes. CookTek continually improves its products and reserves the right to change or improve specifications without notice.

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B85x-U 12157_A USINTL

THIS ITEM IS: CONDIMENT BIN

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

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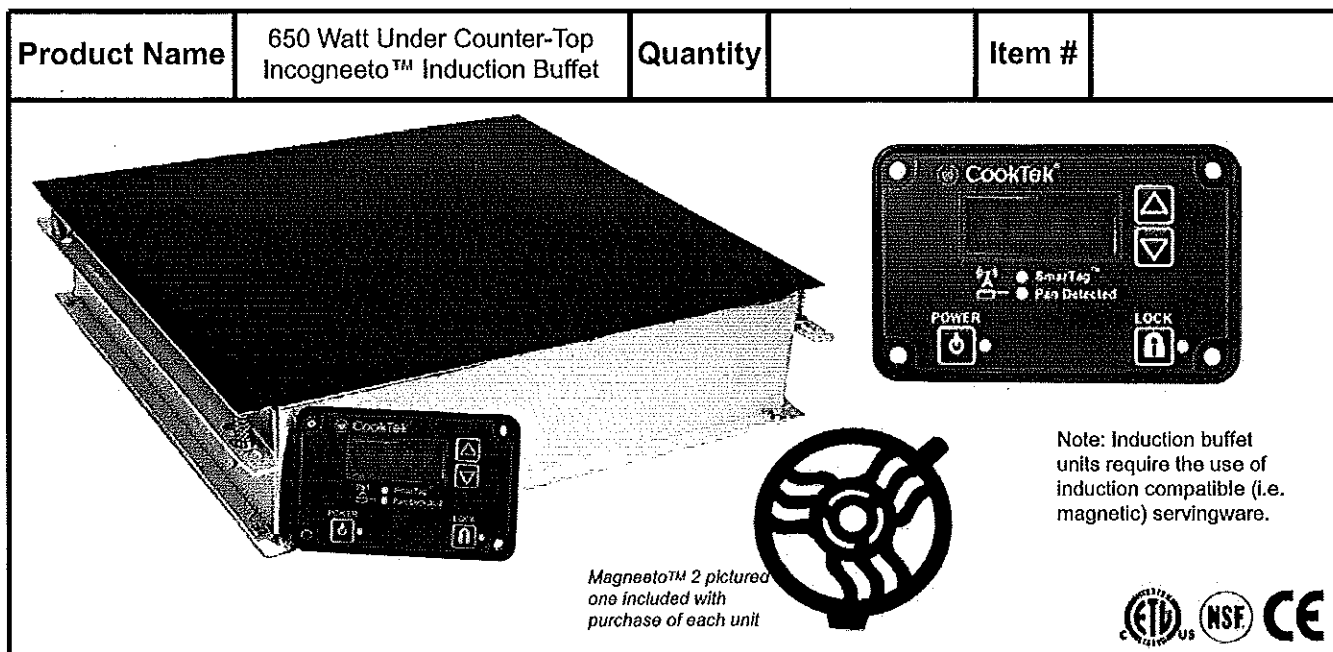
☐ OTHERS

REMARKS:



650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET

B651-U, B652-U



Magneeto™ 2 pictured
one included with
purchase of each unit

Note: Induction buffet
units require the use of
induction compatible (i.e.
magnetic) servingware.



650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET B651-U, B652-U

Standard Features

- Under counter-top design, aluminum housing, heavy duty energy efficient electronics, and polycarbonate top
- Mounts to underside of counter-top on fixed position track system - 19.76" (502mm) supplied.
- Units require CookTek Magneeto™ 2 trivet (patent pending) - included with each unit - and standard induction compatible serving dishes. Magneeto™ 2 acts as a temperature sensor, communicator, and locator device which allows heating of induction compatible dishes through stone counter-top
- Units compatible with 20 or 30mm thick standard granite countertops
- Temperature selected via control panel, or Magneeto™ 2 can be programmed via keypad to preset a temperature for automatic control
- Automatic pan detection allows for instant energy transmission to pan, and almost no energy consumption when pan is not present
- Maximum temperature limit prevents damage to servingware, keeps food in the "safe zone," and keeps operations within ventilation code
- Standard Cat 5e or Cat 6 patch cable from unit to control box is included. Replacement cables up to 25ft (7.6m) long may be used but MUST BE SHIELDED.
- Lock feature prevents unwanted setting changes
- Red LED display for precise user feedback and control
- Available in 650 watts (100-120VAC - three units per 15 amp circuit, four per 20 amp circuit) and 650 watts (200-240VAC - five units per 15 amp circuit)
- Three year limited warranty in US and Canada only - see warranty statement for full details.
- Made in the USA*

Specifications

Shall be a CookTek under counter-top induction buffet unit, model _____ with a total kW rating of 0.65 kW.

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Unit shall be built with an auto shut-off feature to prevent overheating, offer self-diagnostics, and have a pan-maximizer feature to ensure maximum heating of any induction compatible pan.

Unit shall operate on _____ power with integral _____ cord and plug (supplied).

NOTE: When mounting, the TOTAL DISTANCE from the top of the unit to the top of the countertop must be 1.57" (40mm)

*of USA and Imported parts

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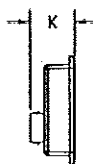
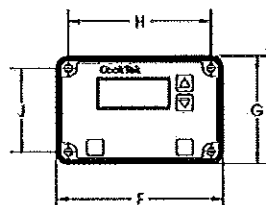
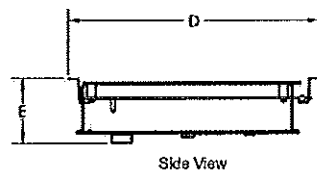
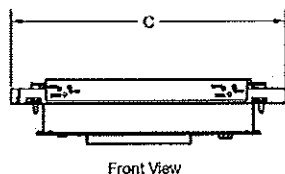
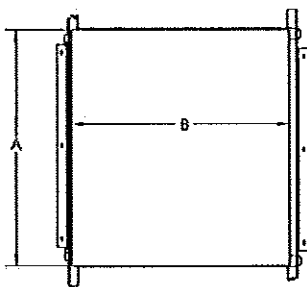
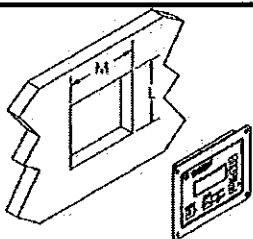




650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET

B651-U, B652-U

650 WATT UNDER COUNTER-TOP INCOGNEETO™ INDUCTION BUFFET B651-U, B652-U



Dimensions		
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A	16.23	412
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- Internal cooling fan displaces 70 CFM (2.0m³/min). Adequate cabinet venting should be provided - typically 16in² (100cm²) per unit. The maximum (do not exceed) ambient temperature is 50°C/122°F.
- Cooling clearance: 2" (55mm) for front and rear, 6" (152mm) below
- When mounting, the TOTAL DISTANCE from the top of the unit to the top of the countertop must be 1.57" (40mm)

Specifications

	B651-U	B652-U
Model Number	B651-U	B652-U
Power Requirements	100-120VAC, 1Ph	200-240VAC, 1 Ph
Power Consumption	650W (max)	650W (max)
Voltage	100-120VAC, 50/60 Hz	200-240VAC, 50/60 Hz
Amperage	5A (max)	2.7A (max)
Power Range	100-650W	100-650W
Preset Temperatures	150, 160, 175, 190°F / 65, 70, 80, 85°C	150, 160, 175, 190°F / 65, 70, 80, 85°C
Additional Temperature Settings Range	80-190°F / 30-85°C	80-190°F / 30-85°C
Dimensions (in)	19.76" x 17.50" x 4.17"	19.76" x 17.50" x 4.17"
Dimensions (mm)	502 x 444 x 105	502 x 444 x 105
Weight	15 lbs / 6.8 kg	15 lbs / 6.8 kg
Packaged Weight	20 lbs / 9 kg	20 lbs / 9 kg
Packaged Dimensions (in)	20" x 20" x 10"	20" x 20" x 10"
Packaged Dimensions (mm)	508 x 508 x 254	508 x 508 x 254
Power Cord Length	6 ft / 1.8 m	6 ft / 1.8 m
Plug Type	NEMA 5-15P	NEMA 6-20Pin US/Canada - country specific elsewhere
Remote Control Box Cord Length	6 ft / 1.8 m	6 ft / 1.8 m
Warranty	36 months limited parts and labor in US/Canada only - see statement for details	

Note: Ambient air should not exceed 50°C/122°F. Many local codes exist, and it is the Owner and Installer's responsibility to comply with those codes. CookTek continually improves its products and reserves the right to change or improve specifications without notice.

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THIS ITEM IS: CONDIMENT BIN

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:



F2900C

Self-Contained Low-Profile Refrigerated Equipment Stands

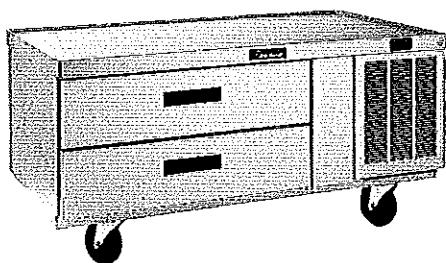
Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

F2900C:

Self-Contained Low-Profile Refrigerated Equipment Stands

Models

- F2936C 36.25" Self contained low-profile stand
- F2952C 52.25" Self contained low-profile stand
- F2956C 56.25" Self contained low-profile stand
- F2962C 62.25" Self contained low-profile stand
- F2975C 75.25" Self contained low-profile stand
- F2980C 80.25" Self contained low-profile stand
- F2987C 87.25" Self contained low-profile stand
- F2999C 99.25" Self contained low-profile stand
- F29110C 110.25" Self contained low-profile stand



F2952C

Standard Features

- Top is heavy duty stainless steel, with full perimeter marine edge
- Standard stainless steel ends
- Exterior drawer fronts are stainless steel
- High density environmentally friendly, Kyoto Protocol Compliant, Non ODP (Ozone Depletion Potential), Non GWP (Global Warming Potential) polyurethane foam insulation throughout unit
- Snap-in drawer gaskets for easy removal
- Mounted on casters
- 8' cord and plug supplied
- Base interior cabinet is cooled with mullion style coated blower coil(s) mounted between each door/drawer section for even air and temperature control
- Interior refrigerated base cabinet section to

maintain 36° to 40° meeting NSF7

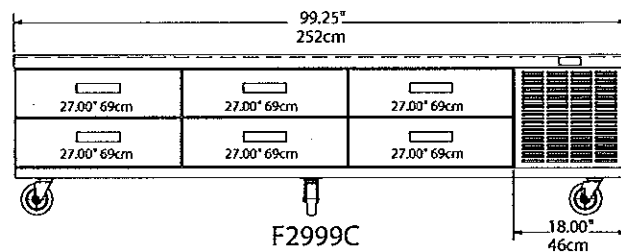
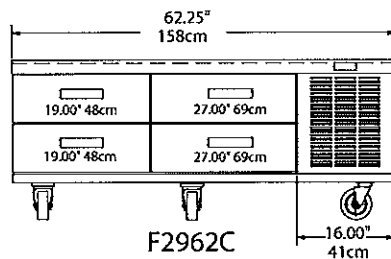
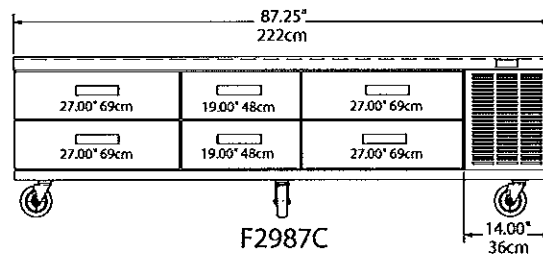
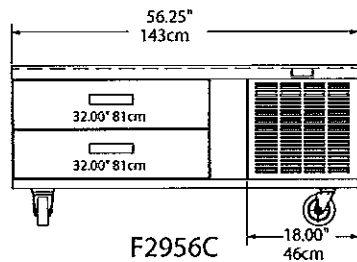
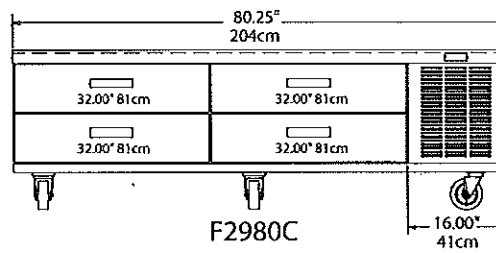
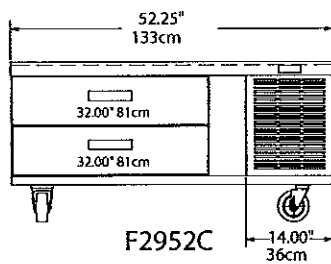
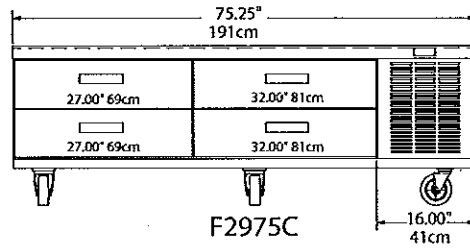
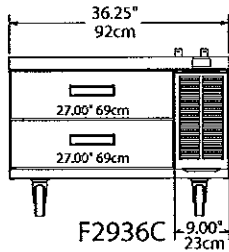
- Digital thermometer
- Wall-mounted bracket to prevent tipping
- Full Extension Plus Drawer system is a complete drawer system. Drawer system is sized to hold 12" x 20" x 4" deep hotel pans (by others). The drawer system is all stainless steel construction for maximum durability
- When ordering, specify make, model and depth of cooking equipment sitting on the equipment stand
- Height of surface for setting equipment is 25.50"
- Environmentally friendly HFC-404A refrigerant
- Three year parts and labor warranty and an additional two year compressor parts warranty

Options & Accessories

- Drawer locks
 - 230V, 50Hz electrical system*
 - Stainless steel back
 - Mechanical housing left side
 - 4" casters in lieu of 6"
 - 6.12" adjustable full stainless steel legs and bullet feet
 - Doors in lieu of drawers (except 32")
 - Plastic laminate end
 - Plastic laminate back
 - Plastic laminate front
- * Inclusion of this option will alter electrical specifications

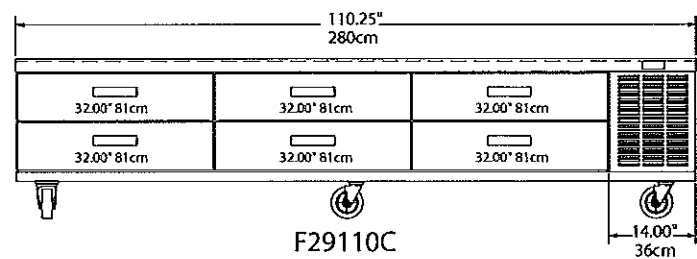


Elevations Views



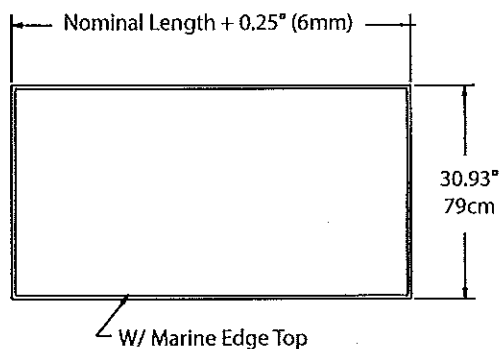
Warning

To assure proper operation a 2" airspace must be maintained between the bottom of any cooking equipment and the top of this unit. Cooking equipment must have a barrier (i.e. bottom, drip pan) between its heat source and the top of the equipment stand. Failure to comply with this could severely damage the equipment stand and void all warranties.

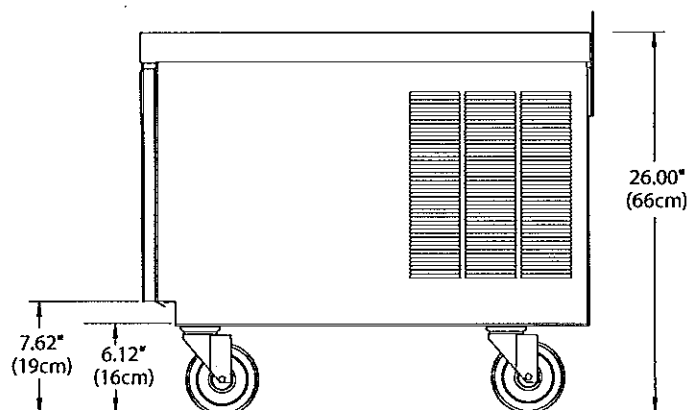




All Models Plan View



All Models Right Side View



F2900C

Specifications

Self-contained Models	# Of 12x20 Pans	V/Hz/Ph	Amps	Ship Weight	BTU Load	BTU System	H.P.	Nema Plug
F2936C	3	115/60/1	3.8	374lbs (170kg)	376	1727	1/5	5-15-P
F2952C	4	115/60/1	8.0	398lbs (181kg)	452	1727	1/5	5-15P
F2956C	4	115/60/1	8.0	405lbs (184kg)	461	1727	1/5	5-15P
F2962C	6	115/60/1	8.0	479lbs (217kg)	575	1727	1/5	5-15P
F2975C	8	115/60/1	10.0	540lbs (245kg)	717	2341	1/4	5-15P
F2980C	8	115/60/1	10.0	578lbs (262kg)	726	2341	1/4	5-15P
F2987C	10	115/60/1	10.0	672lbs (305kg)	868	2341	1/4	5-15P
F2999C	12	115/60/1	10.0	691lbs (313kg)	1029	2341	1/4	5-15P
F29110C	12	115/60/1	12.0	766lbs (347kg)	1143	2630	1/3	5-15P

NOTE: Remove the "C" on the model number when ordering with legs. (example - F2952)

Delfield reserves the right to make changes to the design or specifications without prior notice.





F2900C

Self-Contained Low-Profile Refrigerated Equipment Stands

Specifications

Exterior top is 18-gauge stainless steel with full perimeter marine edge. Corners are fully welded with smooth radii corners for easy clean out. Interior sub-top made of 22-gauge 2BF stainless steel is made integral with the top by injecting 2.00" of high density polyurethane foam between the exterior and interior tops.

Refrigerated base interior back and bottom are constructed of a 22-gauge 2BF stainless steel. Exterior sides, bottom and back are made of 22-gauge galvanized steel. Both left and right interior sides are formed of ABS plastic. The base is injected with 2.00" of high density polyurethane foam between the exterior and interior. Refrigerated base fronts are made of .095" thick ABS thermoformed plastic and backed up by ridged polyurethane water blown injection molded frames. The frames are an excellent thermo-break and superior structural material for fastening doors and drawers. Exterior machine compartment side is constructed of 18-gauge galvanized steel.

Finished stainless steel ends are standard. Louver, coil panel and drawer faces are all standard with stainless steel construction. Units are supplied with wall-mounted bracket and threaded rod to allow installation of the unit against a solid surface.

Full Extension Plus drawer system is a complete drawer system, which can operate independent of the unit it's installed in. Drawer system is sized to hold 12" x 20" x 4" deep hotel pans and smaller fractional pans. Drawer system is all stainless steel construction for maximum durability. Drawer track rollers are made of Delrin and do not require grease for operation. Intermediate tracks are removable without tools and house Delfield's "anti-friction binary roller system". Drawer boxes are designed with "easy pan grip flanges". Tracks are designed with a stay shut feature that holds the drawer gasket tight to the base front on uneven floors. Exterior drawer fronts are made of stainless steel; and an interior made of ABS plastic with formed in channels to house the snap-in dart style santoprene gasket.

A galvanized brace is foamed in place to be an integral part of the drawer front assembly. Each drawer front is injected with 1.87" of high density polyurethane foam between the exterior and interior. Handles are recessed black plastic and held in with a positive lock system. Drawers are backed by a 10-year warranty on the track assembly.

Unit is supported with two 14-gauge leg rails that run the entire length of the unit. Leg rails are welded to the bottom side of the unit and are tied together with two 12-gauge braces running front to back. Caster/leg boxes are welded inside the leg rail and 6" casters are mounted standard.

Refrigeration system components are HFC-404A. Interior cabinet is cooled with mullion style blower coils (coated) mounted between each door/drawer section for very even air and temperature control.

A thermostat and pre-wired condensing unit with hot gas condensate evaporator are installed in the machine compartment. Models F2952C through F29110C protect the thermostat in a splash resistant enclosure. The digital thermometer with stainless steel guard is located in the top nosing above the machine compartment (standard on right). Interior refrigerated base cabinet will maintain 36°F to 40°F at 100°F ambient room temperature.

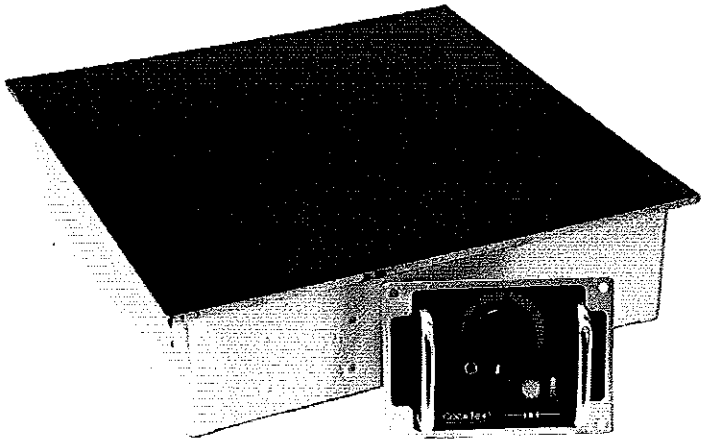

Electrical connections are 115V-60H-1PH and supplied with an 8' cord and plug.





DROP-IN SINGLE BURNER (HOB) COOKTOP

MCD1500, MCD1800, MCD2500, MCD3000, MCD3500

Product Name	Drop-in Single Burner (Hob) Cooktop	Quantity	Item #
 <p>Note: Induction cooking requires the use of induction compatible (i.e. magnetic) cookware.</p> 			

DROP-IN SINGLE BURNER (HOB) COOKTOP

MCD1500, MCD1800, MCD2500, MCD3000, MCD3500



Standard Features

- Drop-in countertop design with stainless steel edging, aluminum housing and control box, heavy duty electronic components, and high impact, thick, glass-ceramic top engineered for use in commercial kitchens
- Control knob for ease of use and automatic power or temperature control
- Temperature control allows for 27 precise temperature settings and 20 power cook settings
- Pan Maximizer feature achieves maximum heating of any induction compatible pan
- Drop-in cooktops and control boxes engineered and manufactured for easy installation
- Microprocessor monitors vital components 120 times per second to check for overheating, power supply problems, and more. Cooktop shuts off and displays error codes enabling user to diagnose and correct minor problems
- LED display for precise user feedback
- Automatic pan detection allows for instant energy transmission to pan and almost no energy consumption when pan is not present
- Automatic shut-off feature prohibits overheating
- Easy to clean glass-ceramic top surface
- Integral fan keeps internal electronics cool
- Available in 1500 and 1800 watts (100-120VAC), 2500, 3000 and 3500 watts (208-240VAC).

- Three year limited warranty in US and Canada only - see warranty statement for full details.
- Made in the USA*

Specifications

Shall be a CookTek drop-in induction cooktop, model _____ with a total kW rating of _____.

Unit shall be manufactured in the United States and constructed with a stainless steel edging and aluminum control box.

Unit shall be equipped with a built-in microprocessor that performs precise temperature control, auto shut-off to prevent overheating, self-diagnostics, and a pan maximizer feature that ensures maximum heating of induction compatible pans.

Unit shall have an adjustable electronic control with 20 power cook settings and 27 precise temperature settings.

Unit shall have a LED display located underneath the top for precise user feedback.

Unit shall operate on _____ power with integral _____ cord and plug (supplied).

*of USA and imported parts

CookTek Induction Systems, LLC
156 N. Jefferson St. Ste 300
Chicago, IL 60661-1436, USA
www.cooktek.com

Tel: 1.312.563.9600 Fax: 1.312.432.6220
Toll Free: 1.888.COOKTEK (266.5835)
Toll Free Fax: 1.888.COOKFAX (266.5329)

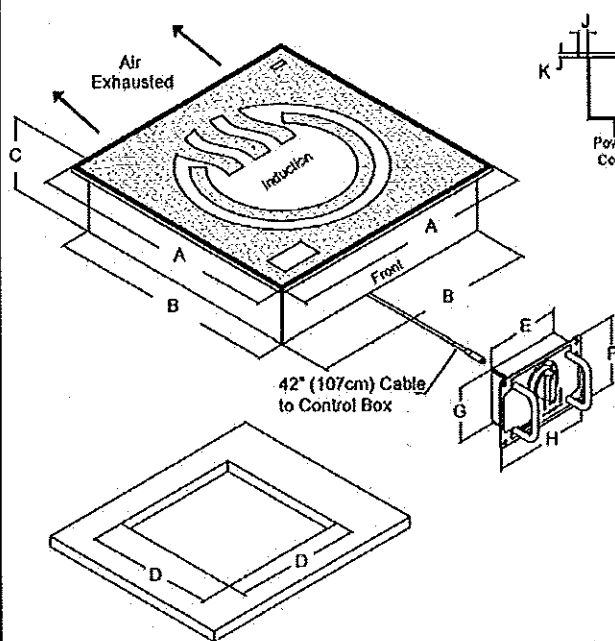
MCDx00 12200_A USINTL



DROP-IN SINGLE BURNER (HOB) COOKTOP

MCD1500, MCD1800, MCD2500, MCD3000, MCD3500

DROP-IN SINGLE BURNER (HOB) COOKTOP



- Dedicated circuit required
- On 100-120VAC units, the internal cooling fan displaces 50 CFM (1.5m³/min). Adequate cabinet venting should be provided - typically 16 in² (100cm²) per unit. The maximum (do not exceed) ambient temperature is 50°C/122°F.
- On 200-240VAC units, the internal cooling fan displaces 70 CFM (2.0m³/min). Adequate cabinet venting should be provided - typically 16 in² (100cm²) per unit. The maximum (do not exceed) ambient temperature is 50°C/122°F.
- Cooling clearance: 2" (55mm) from combustible materials, 6" (152mm) below

Dimensions		
	inches	mm
A	13.75	349
B	12.75	323
C	3.70	93
D	13.125	333
E	4.12	104
F	3.75	95
G	3.00	76
H	5.25	133
J	0.50	12
K	0.25	6
L	2.75	69
M	1.44	36



Specifications

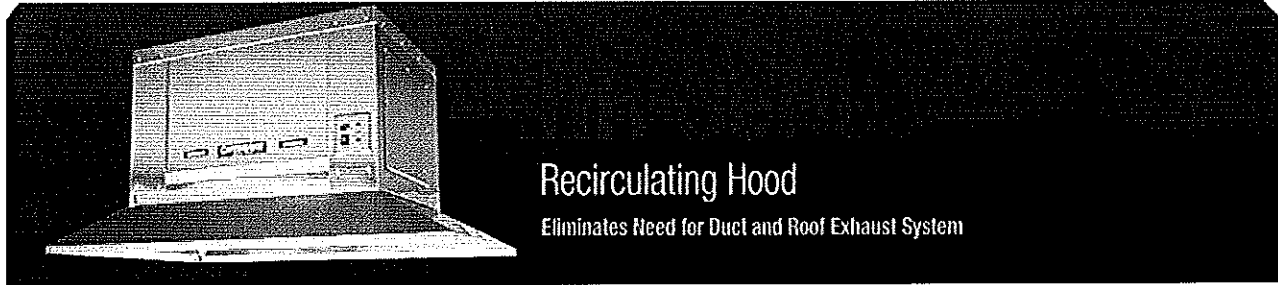
Model Number	MCD1500	MCD1800	MCD2500	MCD3000	MCD3500
Power Requirements	100-120VAC, 1 Ph	100-120VAC, 1 Ph	208-240VAC, 1 Ph	208-240VAC, 1 Ph	208-240VAC, 1 Ph
Power Consumption	1500W (max rating)	1800W (max rating)	2500W (max rating)	3000W (max rating)	3500W (max rating)
BTU Comparison	13,000 BTU	16,000 BTU	22,000 BTU	26,000 BTU	31,000 BTU
Voltage	100-120VAC, 50/60 Hz	100-120VAC, 50/60 Hz	208-240VAC, 50/60 Hz	208-240VAC, 50/60 Hz	208-240VAC, 50/60 Hz
Amperage	12.5A (max)	15A (max)	11A (max)	13A (max)	15A (max)
Power Range	100-1500W	100-1800W	100-2500W	100-3000W	100-3500W
Temperature Range	85-500°F / 30-260°C	85-500°F / 30-260°C	85-500°F / 30-260°C	85-500°F / 30-260°C	85-500°F / 30-260°C
Dimensions (in)	13.75" x 13.75" x 3.7"	13.75" x 13.75" x 3.7"	13.75" x 13.75" x 3.7"	13.75" x 13.75" x 3.7"	13.75" x 13.75" x 3.7"
Dimensions (mm)	349 x 349 x 93	349 x 349 x 93	349 x 349 x 93	349 x 349 x 93	349 x 349 x 93
Cutout Dimensions (in)	13.125" x 13.125"	13.125" x 13.125"	13.125" x 13.125"	13.125" x 13.125"	13.125" x 13.125"
Cutout Dims. (mm)	333 x 333	333 x 333	333 x 333	333 x 333	333 x 333
Weight	15 lbs / 6.8 kg	15 lbs / 6.8 kg	15 lbs / 6.8 kg	15 lbs / 6.8 kg	15 lbs / 6.8 kg
Packaged Weight	18 lbs / 8.2 kg	18 lbs / 8.2 kg	18 lbs / 8.2 kg	18 lbs / 8.2 kg	18 lbs / 8.2 kg
Packaged Dims. (in)	20" x 20" x 9"	20" x 20" x 9"	20" x 20" x 9"	20" x 20" x 9"	20" x 20" x 9"
Packaged Dims. (mm)	508 x 508 x 229	508 x 508 x 229	508 x 508 x 229	508 x 508 x 229	508 x 508 x 229
Power Cord Length	6 ft / 1.8 m	6 ft / 1.8 m	6 ft / 1.8 m	6 ft / 1.8 m	6 ft / 1.8 m
Plug Type	NEMA 5-15P	NEMA 5-15P	NEMA 6-20P in US/Canada, country specific elsewhere		
Remote Control Box Cord Length	42" / 1.07 m	42" / 1.07 m	42" / 1.07 m	42" / 1.07 m	42" / 1.07 m
Warranty	36 months limited parts and labor in US and Canada only - see statement for details				

Note: Ambient air should not exceed 50°C/122°F. Dedicated circuit required. Many local codes exist, and it is the Owner and Installer's responsibility to comply with those codes. CookTek continually improves its products and reserves the right to change or improve specifications without notice.

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MCDxx00 12200_A USINTL



Recirculating Hood

Eliminates Need for Duct and Roof Exhaust System

The RH Series is a Type II stainless steel hood, which is hung over electric cooking appliances such as ovens, conveyor ovens and rotisseries. The Recirculating Hood eliminates the need for duct and roof exhaust system.

The Recirculating Hood incorporates an air purification system consisting of three stages of filtration. Stage 1 is a high efficiency stainless steel baffle filter to ensure capture of larger particles. Stage 2 is a HEPA filter designed to capture 99.9995% of particles at 0.12 microns in size. The last stage is a charcoal filter, which is used for odor control. An exhaust skirt is fitted to the bottom of the hood to maximize the capture and removal of vapor associated with food service applications and equipment.

Features

- 430 Stainless Steel Construction
- 3-Stage Air Purification System
- Removable Access Panels for Easy Maintenance
- Standard Controls and Interlocks
- Built-in Storage Space for Replacement Filters

Advantages

- Low CFM rates
- Low RPM and two stages of vibration isolators reduce noise
- Integral forward curve steel blower
- Eliminates needs for roof modifications and ductwork
- Flexibility in the kitchen to move the hood.

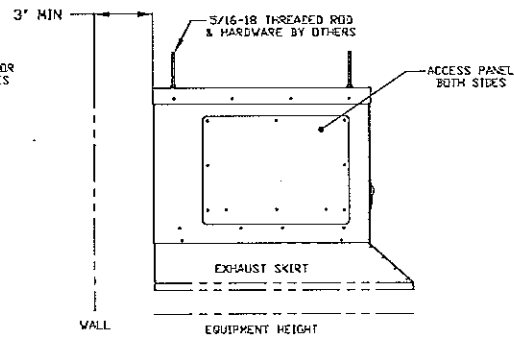
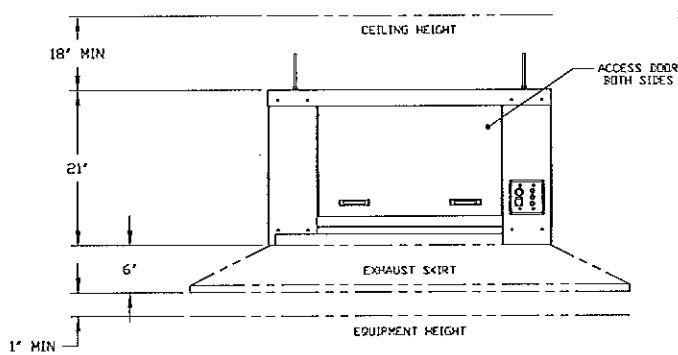
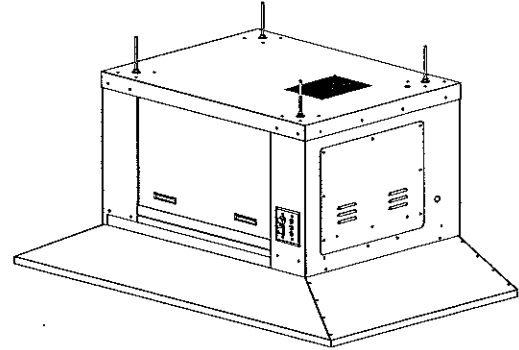
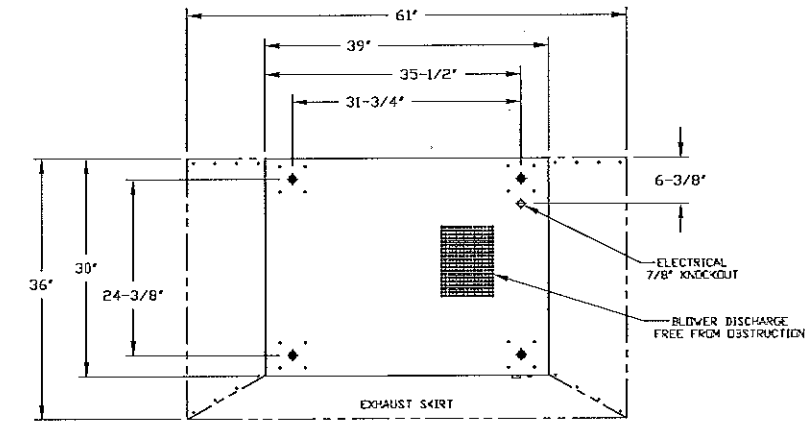
Certifications

The RH Model has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.

Models RH are ETL Listed under file number 3161945SAT-001 and complies with UL710 and EPA Test Method 202.



Intertek

RH - RECIRCULATING HOOD - 3627RHFEATURES:

- 430 STAINLESS STEEL CONSTRUCTION
- THREE STAGE FILTRATION
- BAFFLE FILTER
- HEPA FILTER
- CHARCOAL FILTER
- ETL LISTED TO UL710B
- EPA 202 TESTED
- INTERLOCKED WITH OVEN
- TEAD MOTOR
- ACCESS PANELS
- STORAGE COMPARTMENT
- 200 CFM
- EXHAUST SKIRT

ELECTRICAL RATINGS:

- 120 VOLT
- 60 HZ
- SINGLE PHASE
- MCA 3.0 AMPS
- MOP 15 AMPS

EQUIPMENT TYPE	MAX INPUT KW	CLEARANCES
OVENS	50	6" MAXIMUM FROM HOOD SKIRT BOTTOM TO DOOR TOP. 1" MINIMUM FROM HOOD SKIRT BOTTOM TO OVEN TOP. 6" MINIMUM HOOD SKIRT OVER HANG TO HEATED OVEN OPENING
CONVEYER	50	35" MAXIMUM FROM HOOD SKIRT BOTTOM TO TOP OF CONVEYOR BELT. 1" MINIMUM FROM HOOD SKIRT BOTTOM TO OVEN TOP. 6" MINIMUM HOOD SKIRT OVER HANG TO HEATED OVEN OPENING
ROTISSERIES	10	6" MAXIMUM FROM HOOD SKIRT BOTTOM TO DOOR TOP. 1" MINIMUM FROM HOOD SKIRT BOTTOM TO OVEN TOP. 6" MINIMUM HOOD SKIRT OVER HANG TO HEATED OVEN OPENING

THIS ITEM IS: CONDIMENT BIN

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

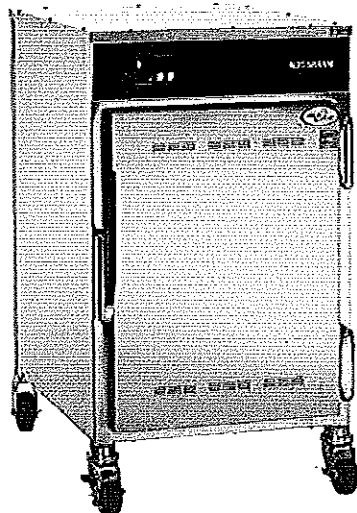
ALTO-SHAAM.

ITEM NO. _____



500-S SERIES

LOW TEMPERATURE HOT HOLDING CABINETS



- **HALO HEAT**...a controlled, uniform heat source that gently surrounds food for better appearance, taste, and longer holding life.
- Holds hot food hot...meat, poultry, fish, potatoes, casseroles, vegetables, rolls, etc.
- Close temperature tolerance and even heat application maintain ideal serving temperatures throughout the cabinet.
- Stainless steel interior resists corrosion.
- Available in reach-in or pass-through design.
- Casters provide easy mobility.
- Can be stacked with an identical unit or cook/hold oven to save space.
- Antimicrobial handle retards the growth of illness-causing pathogens.
- Digital control senses temperature drops faster, providing quick heat recovery time.
- Door venting holds crispy food better.

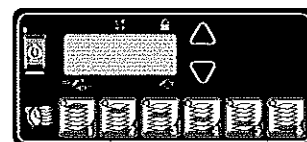
Single compartment holding cabinet with a 20 gauge stainless steel exterior and door. The cabinet includes one (1) Simple control with ON/OFF power switch; Up and Down Arrow Keys with a temperature range of 60° to 200°F (16° to 93°C); heat indicator light; temperature display key, and digital display. Included are two (2) chrome plated side racks with eleven (11) pan positions spaced at 1-3/8" (35mm) centers, two chrome plated wire shelves, and one (1) set of 3-1/2" (89mm) heavy duty casters – 2 rigid and 2 swivel with brake.

☐ MODEL 500-S Holding Cabinet

DELUXE CONTROL OPTION



- ☐ Solid state electronic control option simplifies temperature setting and has a clear, easy-to-read LED display and includes our patented SureTemp™ heat recovery system. SureTemp™ reacts immediately to compensate for any loss of heat whenever the door is opened.
- ☐ Deluxe control is also available with six independent multiple timers for each compartment to facilitate "first-in, first-out" concept.
- ☐ Deluxe control with internal temperature probe.



ANSI/NSF 4



IP X3

FACTORY INSTALLED OPTIONS

- Electrical Choices
 - ☐ 120V
 - ☐ 208-240V
 - ☐ 230V
- Cabinet Choices
 - ☐ Reach-In, standard
 - ☐ Pass-Through, optional

- Exterior Panel Color Choices:
 - ☐ Stainless steel, standard
 - ☐ Burgundy, optional
 - ☐ Custom color, optional
- Door Swing Choices:
 - ☐ Right-hand swing, standard
 - ☐ Left-hand swing, optional

Note: Pass-through cabinets cannot have all doors hinged on the same side.

ADDITIONAL FEATURES

- Stackable design
500-S with 500-S holding cabinet, 500-TH-II or 500-TH/III Cook & Hold oven. Order appropriate stacking hardware. Indicate top and bottom placement.



W164 N9221 Water Street • P.O. Box 450 • Menomonee Falls, Wisconsin 53052-0450 • U.S.A.

PHONE: 262.251.3800 800.558.8744 U.S.A./CANADA

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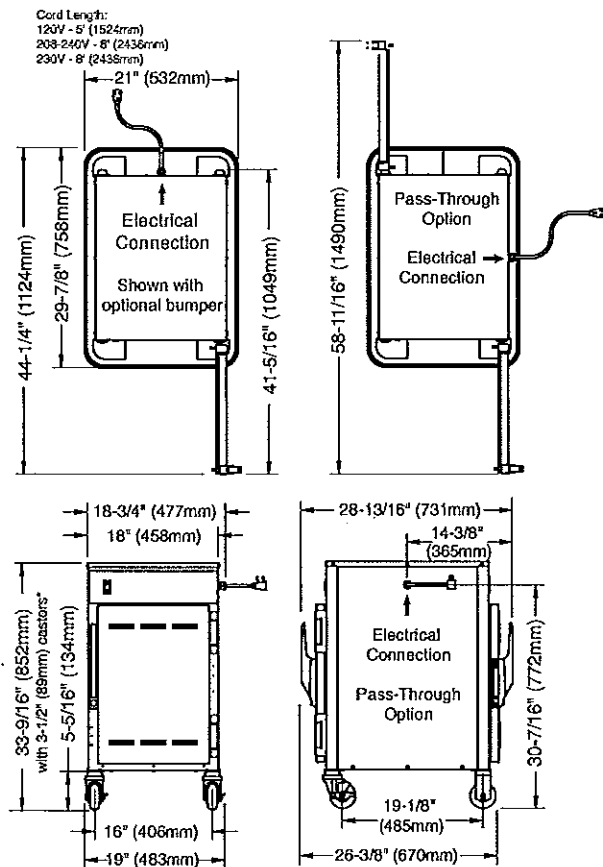
DUE TO ONGOING PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

#23 - 08/13



500-S SERIES

LOW TEMPERATURE HOT HOLDING CABINETS



*31-7/8" (809mm) - with optional 2-1/2" (64mm) casters
 *35-1/4" (895mm) - with optional 5" (127mm) casters
 *33-15/16" (861mm) - with optional 6" (152mm) legs

DIMENSIONS: H x W x D

EXTERIOR:

33-9/16" x 18" x 26-3/8" (852mm x 458mm x 670mm)

PASS-THROUGH:

33-9/16" x 18-3/4" x 28-13/16" (852mm x 477mm x 731mm)

INTERIOR:

20" x 14-3/8" x 21-1/2" (507mm x 362mm x 546mm)

ELECTRICAL

VOLTAGE	PHASE	CYCLE/HZ	AMPS	kW	CORD & PLUG
120	1	60	8.4	1.0	NEMA 5-15P, 15A-125V PLUG
208	1	60	3.7	.76	NEMA 6-15P,
240	1	60	4.2	1.0	15A-250V PLUG (USA ONLY)
230	1	50/60	4.1	.95	CEE 7/7 PLUG RATED 250V
					CH2-16P PLUG RATED 250V
					BS 1363 (U.K. ONLY) PLUG RATED 250V

PRODUCT/PAN CAPACITY

60 lbs (27 kg) MAXIMUM

VOLUME MAXIMUM: 50 QUARTS (47.5 LITERS)

	FULL-SIZE PANS:	GASTRONORM 1/1:
Six (6)	20" x 12" x 2-1/2"	530mm x 325mm x 65mm
Three (3)	20" x 12" x 4"	530mm x 325mm x 100mm

ON WIRE SHELVES ONLY

HALF-SIZE SHEET PANS:

Eleven (11) 18" x 13" x 1" 457mm x 330mm x 25mm

CLEARANCE REQUIREMENTS

BACK	3" (76mm)
TOP	2" (51mm)
EACH SIDE	1" (25mm)

WEIGHT

NET: (EST.) 110 lb (50 kg)	SHIP: 150 lb (68 kg)
CARTON DIMENSIONS: (L x W x H)	
35" x 23" x 41" (889mm x 584mm x 1041mm)	

INSTALLATION REQUIREMENTS

- Oven must be installed level.
- The oven must not be installed in any area where it may be affected by steam, grease, dripping water, extreme temperatures, or any other severely adverse conditions.
- Appliances with casters and no cord or plug must be secured to the building structure with a flexible connector. NOT FACTORY SUPPLIED.

OPTIONS & ACCESSORIES

<input type="checkbox"/> Bumper, Full Perimeter (NOT AVAILABLE WITH 2-1/2" CASTERS)	5011161	<input type="checkbox"/> Drip Pan with Drain, 1-7/8" (48mm) deep	14813
<input type="checkbox"/> Handle, Push/Pull	55662	<input type="checkbox"/> Drip Pan without Drain, 1-7/8" (48mm) deep	11898
<input type="checkbox"/> Carving Holder, Prime Rib	HL-2635	<input type="checkbox"/> Drip Tray - External	5010736
<input type="checkbox"/> Carving Holder, Steamship (Cafeteria) Round	4459	<input type="checkbox"/> Legs, 6" (152mm), Flanged (SET OF FOUR)	5011149
Casters, Stem - 2 RIGID, 2 SWIVEL W/BRAKE		<input type="checkbox"/> Security Panel with Lock	5013939
<input type="checkbox"/> 5" (127mm)	5004862	<input type="checkbox"/> Shelf, Chrome Wire	SH-2107
<input type="checkbox"/> 2-1/2" (64mm)	5008022	<input type="checkbox"/> Shelf, Stainless Steel, Flat Wire	SH-2326
<input type="checkbox"/> Door Lock with Key	LK-22567	<input type="checkbox"/> Stacking Hardware	5004864



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ELKAY®

SPECIFICATIONS

The Mystic® and Asana® Undermount Single Bowl Sinks

Models ELUH9, ELUH12, ELUH16,
ELUH12FB, ELUH16FB;
ELUH12LV and ELUH16LV Lavatory with Overflows

GENERAL

Highest quality sink formed of #18 (1.2mm) gauge, type 304 (18-8) nickel bearing stainless steel. Undermount.

DESIGN FEATURES

Bowl Depths: See chart on next page.

Finish: Exposed surfaces are hand polished to a Lustrous Highlighted Satin finish.

Underside: Sound dampening pads with spray undercoating to dampen sound and reduce condensation.

Models ELUH12LV and ELUH16LV lavatory sinks include overflow assembly.

OTHER

Drain Opening: 1-1/2" (38mm) (ELUH12LV and ELUH16LV), 2" (51mm) (ELUH9, ELUH12 and ELUH16), 3-1/2" (89mm) (ELUH12FB and ELUH16FB).

Note: All Elkay undermount sinks are designed to affix to the underside of any solid surface countertop.

Sink complies with ASME A112.19.3/ CSA B45.4



Sinks are listed by IAPMO® as meeting the applicable requirements of the Uniform Plumbing Code®, International Plumbing Code®, and National Plumbing Code of Canada.



All sinks 6" or less in depth are compliant to ADA and ANSI/ICC A117.1 accessibility requirements when installed according to the requirements outlined in these standards.

OPTIONAL ACCESSORIES

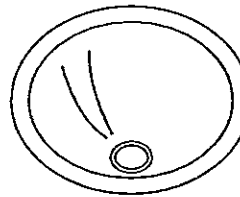
Bottom Grid: LKWRBG12SS (ELUH12FB); LKWRBG16SS (ELUH16FB)

Drain: LK174, LKAD174, LK175 (ELUH12LV, ELUH16LV); LK36 (ELUH9, ELUH12, ELUH16); LK99 (ELUH12FB, ELUH16FB)

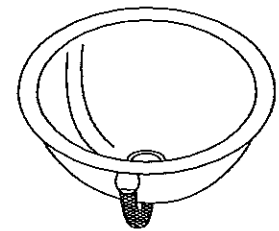
Rinsing Basket: LKWRB12SS (ELUH12FB)

Utensil Caddy for Rinsing Basket: LKWUCSS

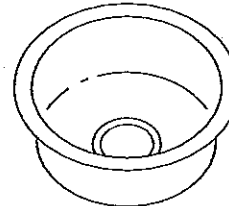
Mounting Clip: LKUCLIP8



Model ELUH9
Model ELUH12
Model ELUH16



Model ELUH12LV
Model ELUH16LV



Model ELUH12FB
Model ELUH16FB



SINK PACKAGE(S)

MODEL	SINK	BOTTOM GRID	QTY	DRAIN	QTY
ELUH12FBD8G	ELUH12FB	LKWRBG12SS	1	LK99	1
ELUH16FBD8G	ELUH16FB	LKWRBG16SS	1	LK99	1

TEMPLATE IS NOT INCLUDED. PLEASE VISIT ELKAYUSA.COM FOR SINK TEMPLATE.
MAKE SURE THE TEMPLATE YOU CHOOSE WILL GIVE YOU THE DESIRED INSTALLATION LOOK.
ELKAY'S TEMPLATES PROVIDE EITHER A 1/2" REVEAL OF THE SINK FLANGE OR 1/8" OVERHANG
OF THE COUNTERTOP OVER THE SINK BOWL OPENING.

In keeping with our policy of continuing product improvement, Elkay reserves the right to change product specifications without notice. Please visit elkay.com or elkaypro.com for the most current version of Elkay product specification sheets.

This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of others producers offerings, be certain these features are not overlooked.

Elkay

elkay.com
elkaypro.com

2222 Camden Court
Oak Brook, IL 60523

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(Rev. 02/14) 1-121M

ELKAY[®]

SPECIFICATIONS

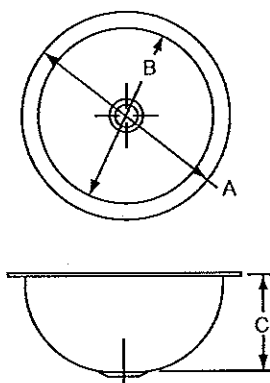
The Mystic[®] and Asana[®] Undermount Single Bowl Sinks

Models ELUH9, ELUH12, ELUH16,
ELUH12FB, ELUH16FB;
ELUH12LV and ELUH16LV Lavatory with Overflows

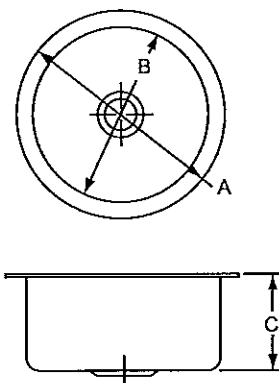
SINK DIMENSIONS

Model Number	Outside Diameter	Inside Diameter	Depth	Drain Opening	Cutout in Countertop	Minimum Cabinet Size	Includes Overflow Assembly
	A	B	C				
ELUH9	11 ³ / ₈ (289mm)	9 (229mm)	4 ³ / ₄ (121mm)	2 (51mm)	See Template*	15 (381mm)	No
ELUH12	14 ³ / ₈ (365mm)	12 (305mm)	6 (152mm)	2 (51mm)		18 (457mm)	No
ELUH12FB	14 ³ / ₈ (365mm)	12 (305mm)	6 (152mm)	3 ¹ / ₂ (89mm)		18 (457mm)	No
ELUH12LV	14 ³ / ₈ (365mm)	12 (305mm)	6 (152mm)	1 ¹ / ₂ (38mm)		18 (457mm)	Yes
ELUH16	18 ³ / ₈ (467mm)	16 (406mm)	8 (203mm)	2 (51mm)		24 (610mm)	No
ELUH16FB	18 ³ / ₈ (467mm)	16 (406mm)	8 (203mm)	3 ¹ / ₂ (89mm)		24 (610mm)	No
ELUH16LV	18 ³ / ₈ (467mm)	16 (406mm)	8 (203mm)	1 ¹ / ₂ (38mm)		24 (610mm)	Yes

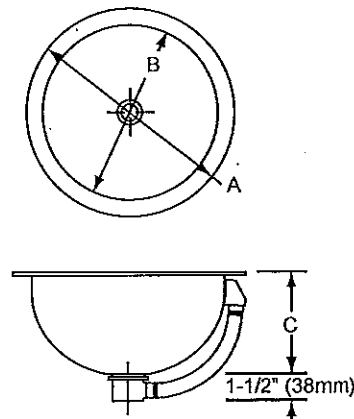
*Visit elkay.com or elkaypro.com for sink template.



Model ELUH9 Illustrated
Model ELUH12 Illustrated
Model ELUH16 Illustrated

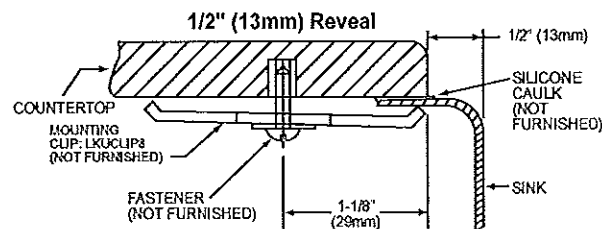
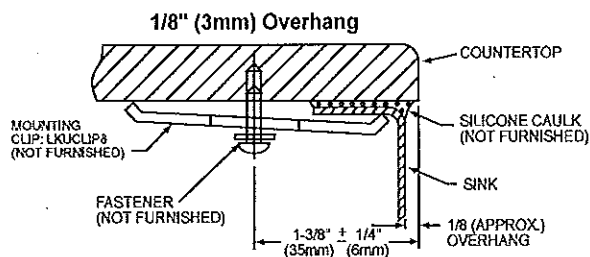


Model ELUH12FB Illustrated
Model ELUH16FB Illustrated



Model ELUH12LV Illustrated
Model ELUH16LV Illustrated

Installation Profile



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This specification describes an Elkay product with design, quality, and functional benefits to the user. When making a comparison of other producers offerings, be certain these features are not overlooked.

Elkay

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THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: WORK COUNTER

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: WALL SHELF

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

Project

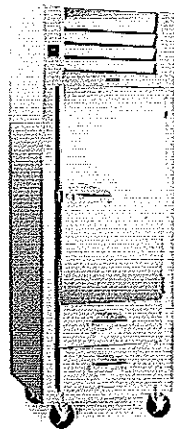
Quantity

Item #

Model Specified:

CSI Section 11400

Spacesaver Refrigerator Models/ Self-Contained



Model UR30HT-16
(shown with optional casters)

One & Two Section Reach-In Models, 24" Deep



Solid Door Models

UR30HT-16	30" Wide Model Door Hinged Right
UR30HT-17	30" Wide Model Door Hinged Left
UR48HT-55	48" Wide Model Doors Hinged Left/Right

Glass Door Models

UR30HT-22	30" Wide Model Door Hinged Right
UR30HT-23	30" Wide Model Door Hinged Left

The Spacesaver product line was designed for use in a variety of applications where both narrow width and shallow depth are required. Their compact footprints are 24" deep by either 30" or 48" wide. They are ideal for front-of-house applications, can be built in, or installed freestanding on legs, casters, or a finished base.

All models are available with either stainless steel or clear glass doors and two refrigerated drawers underneath (per section).

Choose from among several optional accessories to complete your Traulsen Spacesaver, such as additional shelves, or even a finished stainless steel base.

Standard Features

- Stainless Steel Exterior And Interior
- $\frac{3}{4}$ Height Stainless Steel or Hinged Glass Doors With Locks Above Two Drawers (per section)
- Exterior Mounted Digital Thermometer
- Adjustable Heavy Duty Wire Shelves
- Magnetic Snap-In Door Gaskets
- Guaranteed For Life Stainless Steel Horizontal Work Flow Door Handles - (solid doors only)
- Guaranteed For Life Door Hinges
- Self-Closing & Stay Open Door Features
- Stainless Steel Breaker Caps
- Energy Saving Defogger Control
- Automatically Activated Interior Incandescent Lights
- Set Of Four (4) 6" High Stainless Steel Adjustable Legs
- One Piece Lift-Up Louver Assembly
- Automatic Condensate Removal System
- Cord and Plug Attached
- 1 Year Parts And Labor Warranty
- 5 Year Compressor Warranty

Optional Accessories for 30" Models¹

- URACC-SHLF30: One Additional Wire Shelf
- URACC-WINE30: One Wine Rack
- URACC-BASE30: 4 $\frac{1}{2}$ " High Flush Stainless Steel Base
- URACC-CK1: Set of Four (4) 6" High Casters

Optional Accessories for 48" Models¹

- URACC-SHLF48: One Additional Wire Shelf
- URACC-WINE48: One Wine Rack
- URACC-BASE48: 4 $\frac{1}{2}$ " High Flush Stainless Steel Base
- URACC-CK1: Set of Four (4) 6" High Casters

NOTES:

1= All accessories require field installation.



Listed by Underwriters Laboratories Inc.,
to U.S. and Canadian safety standards and
Listed by NSF International.

Approval: _____



TRAULSEN
4401 BLUE MOUND RD.
PHONE 1 (800) 825-8220
Website: www.traulsen.com

FT. WORTH, TX 76106
FAX-MKTG. 1 (817) 624-4302

Project

Quantity

Item #

Model Specified:

CSI Section 11400

Specifications

Construction, Hardware and Insulation

Unit exterior sides, front, door and interior are constructed of heavy gauge stainless steel. Exterior top, back and bottom are constructed of heavy gauge aluminized steel. Door is equipped with guaranteed for life cam lift, gravity-action, metal glide hinges with stay open feature at 120°. Guaranteed for life, work flow handle is mounted horizontally over recess in door which limits protrusion from door face into aisle ways. Cylinder door locks are provided standard. On models equipped with optional drawers, these are supplied with two removable anodized aluminum pans per drawer.

Easily removable for cleaning, vinyl magnetic gasket assures tight door seal. Anti-condensate heaters are located behind each door opening.

Cabinet and door contain high density, non-CFC, foamed in place polyurethane insulation.

All models are supplied standard with a set of four (4) 6" high adjustable stainless steel legs.

DIMENSIONAL DATA	UR30HT	UR48HT
Net Capacity - cu. ft.	17.9 (455 cu l)	31.6 (894 cu l)
Length - Overall in.	29 $\frac{7}{8}$ (75.9 cm)	48 (121.9 cm)
Depth - Cabinet Only in.	24 (61 cm)	24 (61 cm)
Depth - with Door Open 90° in.	49 $\frac{1}{4}$ (126 cm)	45 $\frac{1}{2}$ (115.9 cm)
Depth - Overall in.	27 (68.5 cm)	27 (68.5 cm)
Clear Door Width in.	21 $\frac{1}{2}$ (54.6 cm)	17 $\frac{1}{2}$ (44.8 cm)
Clear 3/4 Door Height in.	39 $\frac{3}{4}$ (100.9 cm)	39 $\frac{3}{4}$ (100.9 cm)
Height - Overall on 6" Legs in.	83 $\frac{1}{4}$ (211.5 cm)	83 $\frac{1}{4}$ (211.5 cm)
Height - Overall on 4 $\frac{1}{2}$ " Base in.	81 $\frac{1}{4}$ (207.6 cm)	81 $\frac{1}{4}$ (207.6 cm)
Number of Shelves	5	10
Shelf Area - sq. ft.	15.8 (1.5 sq m)	34 (3.2 sq m)
ELECTRICAL DATA (at 115/60/1)		
Voltage	115/60/1	115/60/1
Feed Wires with Ground	3	3
Full Load Amperes	4.4	7.8
Wattage ¹	354	531
REFRIGERATION DATA		
Refrigerant	R-134a	R-134a
BTU/HR - HP ²	848 (1/6 HP)	2331 (1/3 HP)
CARTON DIMENSIONS Domestic Crated Only		
Length - crated in.	35 (88.9 cm)	63 (160 cm)
Depth - crated in.	43 (109.2 cm)	43 (109.2 cm)
Height - crated in.	85 $\frac{1}{4}$ (216.5 cm)	85 $\frac{1}{4}$ (216.5 cm)
Volume - crated cu. ft.	71 (2010 cu l)	131 (3711 cu l)
WEIGHT DATA		
Net Weight - uncrated lbs.	340 (154 kg)	450 (204 kg)
Gross Weight - crated lbs.	430 (195 kg)	550 (249 kg)

NOTES

NOTE: Figures in parentheses reflect metric equivalents.

1= Wattage is determined by listed amps X listed volts X an average run time of 70% for refrigerators and 80% for freezers.

2= Based on a 90 degree F ambient and 20 degree F evaporator.



Supplied With One NEMA 5-15 P Plug

NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties. For fast order entry: Fax 1 (800) 765-8728.

Continued product development may necessitate specification changes without notice.
Part No. TR36816 (revised 11/09)

Refrigeration System

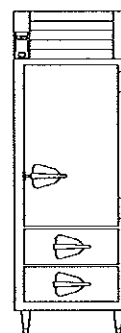
A balanced, top-mounted refrigeration system using R-134a refrigerant is located behind a one piece louver assembly for easy access. Automatic condensate removal is provided through use of a bottom mounted electric condensate evaporator. Standard operating temperature is 34-38° F.

Interior

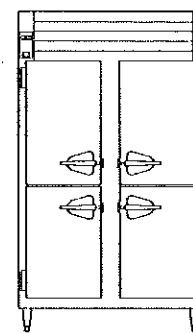
Models UR30HT and UR48HT are supplied with a standard compliment of five (5) wire shelves per section.

Warranties

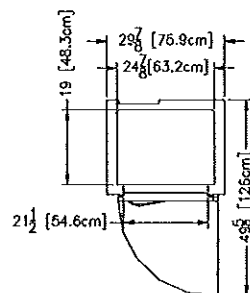
The standard warranty is a five year compressor warranty and a one year parts and labor warranty on all components and the cabinet. Additional warranties are available at extra cost.



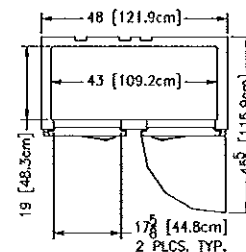
Elevation - UR30HT



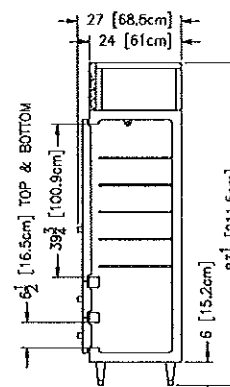
Elevation - UR48HT



Plan - UR30HT



Plan - UR48HT



Section - All Models

TRAULSEN
4401 BLUE MOUND RD.
PHONE 1 (800) 825-8220
Website: www.traulsen.com

FT. WORTH, TX 76106
FAX-MKTG. 1 (817) 624-4302

Traulsen

VIENNA HOT DISPLAY

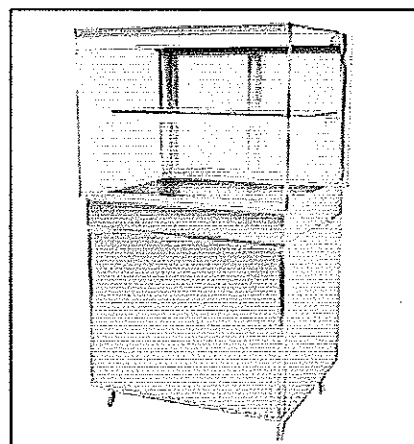
PROJECT: _____

ITEM: _____ QUANTITY: _____

MODEL # VIHD-SQ-CO OPEN FRONT SQUARED GLASS

SPECIFICATIONS

The Vienna Series VIHD-SQ-CO is a slide-in self-service open heated display merchandiser, featuring infrared heaters and base heaters to provide a uniform cabinet temperature, which is controlled by a dial thermostat for desired temperature. Cabinet temperature is adjustable and ranges from 150 to 185 degrees Fahrenheit. The exterior is tempered glass and includes hinged rear doors. Aside from the squared glass profile, this model is also available in a variety of lengths and heights. Please advise counter height is 34" or 36". Optional 6" or 8" stainless steel adjustable legs or casters are also available. Designed for packaged foods only.



SLIDE-IN UNIT SHOWN WITH
OPTIONAL LEGS

Available lengths: ☐ 31 1/2" ☐ 44 3/8" ☐ 57 1/8"

Available depths: ☐ 27 3/8"

Available (above counter) heights: ☐ 20 7/8" ☐ 27 1/2" ☐ 34 1/4"

STANDARD FEATURES

- Squared Glass Profile
- 304 Stainless Steel Exterior
- Tempered Glass Top and Side Panels
- Hinged Rear Access Doors
- Top Canopy Light
- Adjustable Infrared Heating Lamps
- Black Glass Heated Shelves with Lights
- Fixed Black Glass Heating Plate with Variable Temperature Control
- ETL Listed in Accordance with UL 197 and NSF 4 Standards

OPTIONAL FEATURES

- ☐ Integrations Modular Counter (Consult Factory)
- ☐ Adjustable Casters (Consult Factory for Sizes)
- ☐ Adjustable Legs (Consult Factory for Sizes)



Conforms to UL Standard 197,
and NSF Standard 4; Certified
To CSA Standard C22.2 No. 109

MODEL	L	D	H	SHELVES	VOLT	AMPS	PLUG	WT	CUT-OUT SIZE
VIHD2-20-R-SQ-CO	31 1/2	27 3/8	20 7/8	1	208-240	5.37	6-20P	308	29 1/4 x VARIES
VIHD3-20-R-SQ-CO	44 3/8	27 3/8	20 7/8	1	208-240	6.90	6-20P	352	42 1/8 x VARIES
VIHD4-20-R-SQ-CO	57 1/8	27 3/8	20 7/8	1	208-240	9.88	6-20P	396	54 7/8 x VARIES
VIHD2-27-R-SQ-CO	31 1/2	27 3/8	27 1/2	1	208-240	5.37	6-20P	352	29 1/4 x VARIES
VIHD3-27-R-SQ-CO	44 3/8	27 3/8	27 1/2	1	208-240	6.90	6-20P	396	42 1/8 x VARIES
VIHD4-27-R-SQ-CO	57 1/8	27 3/8	27 1/2	1	208-240	9.88	6-20P	440	54 7/8 x VARIES
VIHD2-34-R-SQ-CO	31 1/2	27 3/8	34 1/4	2	208-240	6.97	6-20P	396	29 1/4 x VARIES
VIHD3-34-R-SQ-CO	44 3/8	27 3/8	34 1/4	2	208-240	8.71	6-20P	440	42 1/8 x VARIES
VIHD4-34-R-SQ-CO	57 1/8	27 3/8	34 1/4	2	208-240	12.64	6-20P	484	54 7/8 x VARIES

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

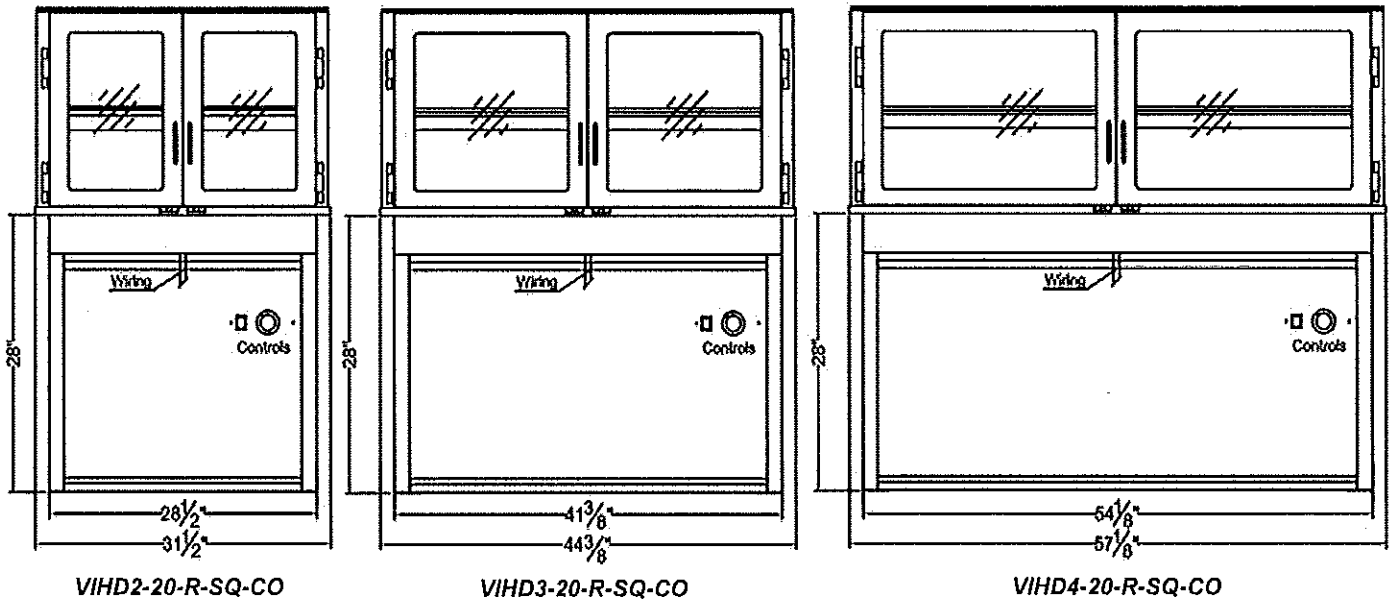
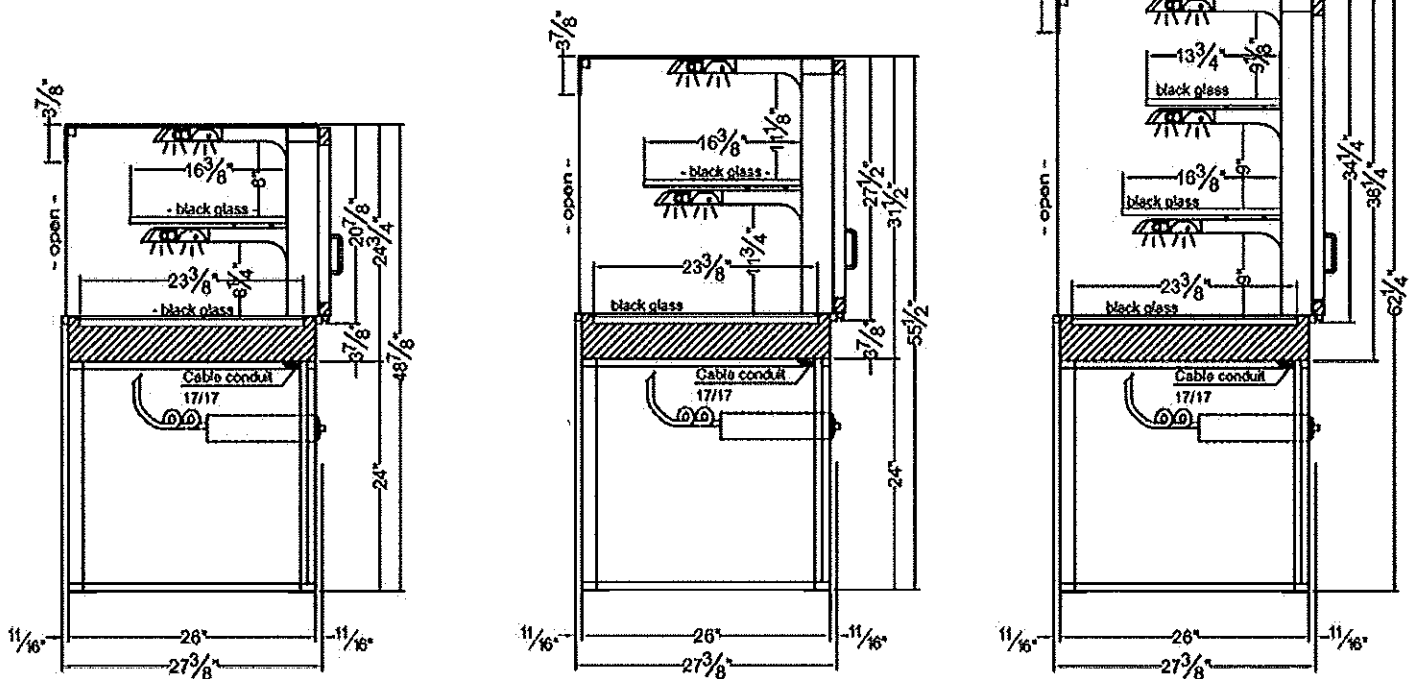


INDUSTRIES, INC. v1.13
NEXT STEP DESIGN

VIENNA HOT DISPLAY

PROJECT:

TOLL FREE: 800-525-3692

MODEL # VIHD-SQ-CO OPEN FRONT SQUARED GLASS**VIHD(A)-20-R-SQ-CO****VIHD(A)-27-R-SQ-CO****VIHD(A)-34-R-SQ-CO****LARGEST DIMENSION REPRESENTS OUTSIDE FLANGE**

Any adverse field conditions will void warranty.

RPI, in line with it's policy to continually improve it's products, reserves the right to change materials or specifications without notice.

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDEORD, N.J. 08055

Hilton Herb N Kitchen-Prototype REV

RPI
 NEXT STEP DESIGN
INDUSTRIES, INC.

v1.13

Simply Perfect Espresso

The Concordia 2500i is the complete espresso and hot coffee station designed specifically for self-serve locations. In one easy step fresh beans, fresh milk, and fresh water combine to create world-class beverages.

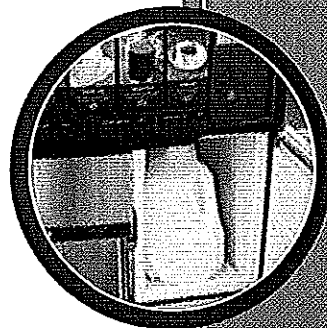
You don't even need to move the cup. It's as simple as touching a button.

It's simple. It's perfect. It's profitable.



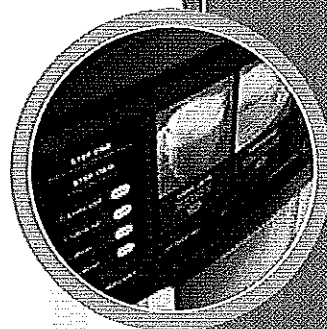
On-board refrigerator

Built-in refrigerator holds two types of fresh milk in one gallon containers.



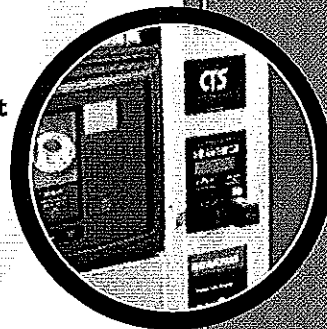
Easy to use touchpad

The photo-enhanced touchpad makes it easy for self-serve users to customize their own drinks.



Easy to use vending unit

Optional vending unit allows you to offer beverages 24/7 without an attendant.



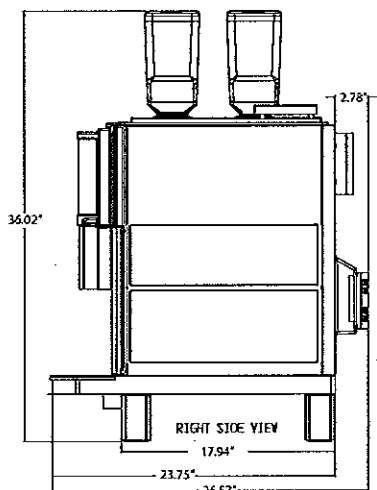
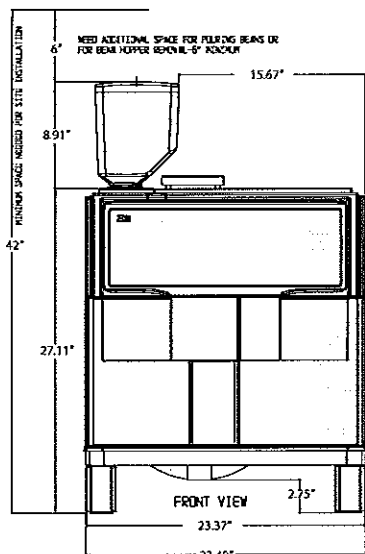
CONCORDIA

COFFEE SYSTEMS

www.concordiacoffee.com

2500i

It's not just about the espresso beans



Everyone knows that to make world-class espresso beverages you need great beans. In the past, you also needed a professional "barista" who had weeks of training and hours of practice in the art of creating quality beverages. Even then, the quality of drink varies from barista to barista and from day to day.

With the Concordia 2500i It's no longer just about the beans...or even the barista! It is about simplicity, consistent quality of the beverage, and customer choice.

Self Serve – Simple to Use – No Barista Required

Fresh beans, fresh milk, fresh water. Everything needed to make outstanding espresso drinks is built right into the machine. Your customers just choose their drink and press a button. The 2500i does the rest, in one simple step, with no training required. The simple cleaning process takes only about 10 minutes a day.

Quality Beverages

The computer controlled grinding and extraction process are programmed to your specifications insuring that espresso is created the same every time the button is pressed. The temperature and consistency of the milk is also computer controlled, and set to the type of beverage selected. Espresso and steamed milk are poured simultaneously, at just the right time, so perfect cappuccinos and lattes are made without moving the cup. When no beverages are being made, the 2500i performs a "self-clean" cycle to guarantee fresh tasting beverages. In addition, every Concordia model is Tested and Certified by NSF assuring you and your customers of our commitment to quality.

Customer Choice

Your customers have the option of choosing one of the four basic espresso drinks: Espresso, Latte, Cappuccino, and Americano. They can also easily customize their drinks with options that include a 2nd milk choice, large drink, decaf, or extra espresso shot. Additionally, hot water or steamed milk can be selected for making tea, cocoa, or steamers. Along with flavored syrups, hundreds of drink recipes can be made – limited only by your customer's imagination.

SPECIFICATIONS:

Dimensions: 23.5in (w) x 26.6in (d) x 36in (h)
596mm (w) x 675mm (d) x 915mm (h)
Weight: 245lb net/111.1kg net
Electric: 200-240 VAC, 30Amp dedicated circuit
Water: Min 30psi, Max 100psi, 25 gallons per hour flow
Drain: 3/4in indirect drain

Profitability

Put it all together...simple to use, no complex training, consistent world-class beverages, and unlimited choice for your customers. **It all adds up to happy customers and increased profit for your business.**



CONCORDIA
COFFEE SYSTEMS

www.concordiacoffee.com

1287 120th Ave. N.E. Bellevue, WA 98005 USA tel: 800.995.9019 fax: 425.453.2167 email: info@concordiacoffee.com



INTELLIGENT TOAST-QWIK® CONVEYOR TOASTERS

Models: ITQ-1000-1C, -1750-2C

Hatco's Intelligent Toast-Qwik® toasters are fast, reliable, and extremely versatile. Individually-controlled top and bottom heating elements, a multi-speed two-directional conveyor belt, and optical product sensors provide the ability to produce a variety of menu items.

FLEXIBILITY

The versatility of the Hatco Intelligent Toast Quick will allow the operator to toast multiple products at the touch of the button, changing easily from bagels to croissants to Texas Toast to hash browns, as well as melting cheese and finishing small food products. The unit is easy to operate and requires minimal training to achieve consistent repeatable results.

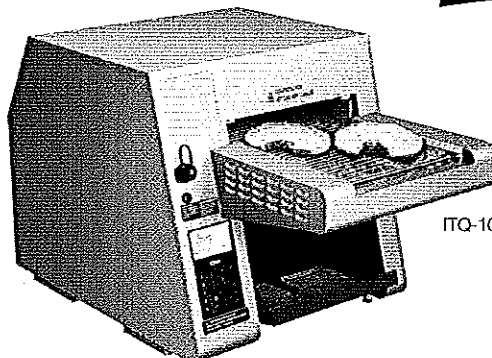
Hatco's ITQ has the ability to change from one product to another coupled with rapid toasting makes the ITQ the smartest toaster available. The unit can easily take the place of the current toasting platform and add versatility and future menu expansion along with energy efficiency presenting the operator with cost savings.

QUALITY

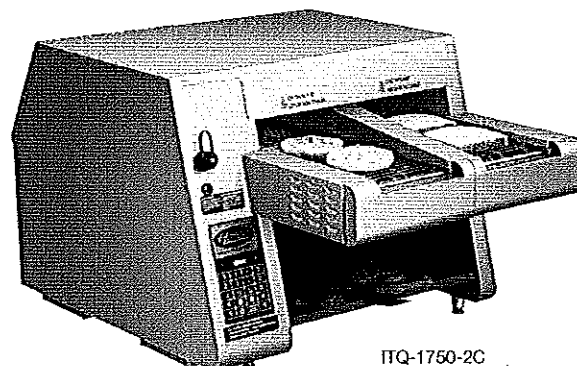
The following features assure the finest performance for years to come:

- Programmable touchpad control with display
- Single and Dual toasters have the ability to hold up to eighteen product settings
- Hatco's Spot-On® Technology senses when product is placed on the conveyor and activates the unit
- Hatco's patented ColorGuard Sensing System monitors and adjusts conveyor speed and temperature during high usage periods to ensure toast color uniformity
- Power Save mode activates automatically after a specific period of time, or by pressing the Power Save on the touchpad
- USB port located on front of the unit allows for easy transfer of program changes and product usage information
- Includes removable crumb tray, toast chute, 1" (25 mm) adjustable legs, and 6' (1829 mm) cord and plug.
- Cool touch sides and back panel
- Hardcoat (non stick) return ramp
- Easy to clean, with removable crumb tray(s) and collector ramp. There is minimal operator maintenance required, with self cleaning elements and no maintenance motor and conveyor drives

with Spot-ON® technology



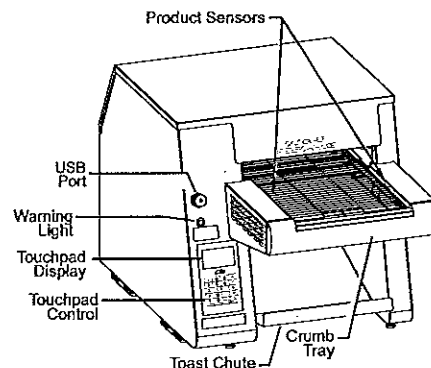
ITQ-1000-1C



ITQ-1750-2C

The conveyor can operate in four different modes:

1. Continuous Through Put -
Just like a standard conveyor toaster
2. Single Product Mode -
A single product can be toasted and then the conveyor stops
3. In and Back Out Mode -
The product is drawn into the chamber, pauses for a programed amount of time, and then backs out of the chamber
4. In, Pause, then Continuous Through Put -
The product is drawn into the chamber, pauses for a programed amount of time, and then continuous through put



ONE YEAR ON-SITE PARTS AND LABOR WARRANTY,
PLUS ONE ADDITIONAL YEAR PATS-ONLY WARRANTY
ON ALL METAL SHEATHED HEATING ELEMENTS

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A.
(800) 558-0607 • (414) 671-6350 • Fax (800) 543-7521 • Int'l Fax (414) 671-3976
www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

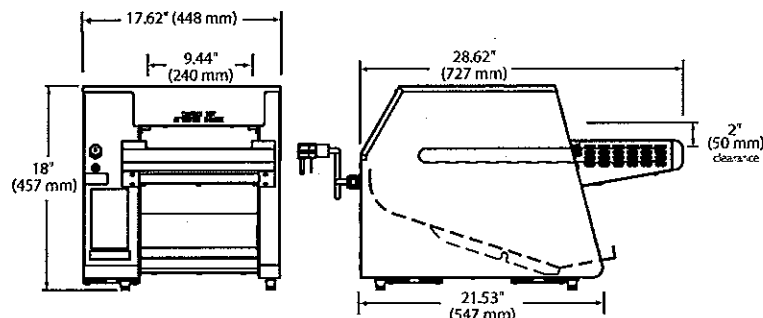
Form No. ITQ Spec Sheet

Printed in U.S.A.
September 2013

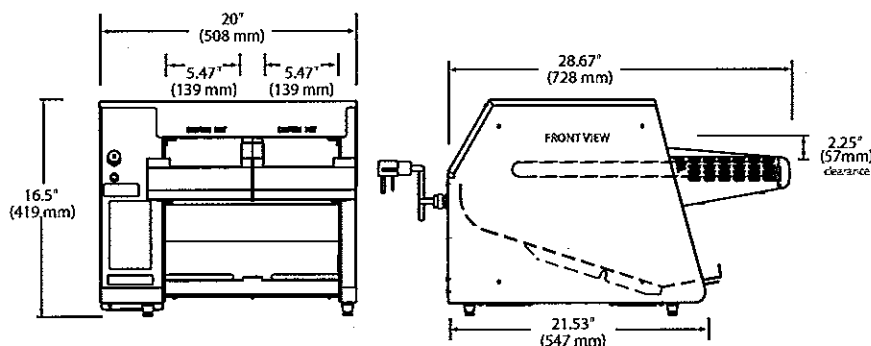


INTELLIGENT TOAST-QWIK® CONVEYOR TOASTERS

Models: ITQ-1000-1C, -1750-2C



Model ITQ-1000-1C



Model ITQ-1750-2C

SPECIFICATIONS

Model†	Volts	Watts	Amps	Cap. per minute†	Shipping Weight
ITQ-1000-1C*	208-240	3230-4300	15.5-17.9	17	68 (31 kg)
ITQ-1750-2C	208	4960	23.8	30	100 (45 kg)
ITQ-1750-2C	240	4960	20.7	30	100 (45 kg)

* Unit is designed to operate on supply voltages between 208V and 240V

† Toasting capacity may vary by product. Toasting of coated products not recommended.

DIMENSIONS

ITQ-1000-1C: 17.62"W x 28.62"D x 18"H (448 x 727 x 457 mm).
ITQ-1750-2C: 20"W x 28.67"D x 16.5"H (508 x 728 x 419 mm).

OPENING DIMENSIONS

ITQ-1000-1C: 2"H (50 mm).
ITQ-1750-2C: 2.25"H (57 mm).

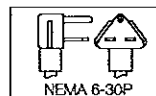
VOLTAGE

ITQ-1000-1C: 208-240 volt, 60 Hz, single phase.
ITQ-1750-2C: 208 and 240 volt, 60 Hz, single phase.

CORD LOCATION

Left center on back of unit.

PLUG CONFIGURATIONS



Accessories

☐ Food paddle

PRODUCT SPECS

Conveyor Toaster

The electric Intelligent Toast-Quick® Conveyor Toaster shall be a Hatco Model ... as manufactured by the Hatco Corporation, Milwaukee, WI 53234 U.S.A.

The toaster shall have the capacity to toast up to ... pieces per minute and it shall be rated at ... kW, ... volts, single phase.

The toaster shall be of stainless steel design and shall include a front mounted control panel with state-of-the-art electronic top

and bottom heat controls, Spot-On® technology, ColorGuard sensing system (patented), variable speed control, power save mode with indicator light and a toast collector pan.

The toaster will have metal sheathed heating elements and factory attached UL listed cord and plug.

One year on-site parts and labor warranty, plus one additional year parts-only warranty on all metal sheathed heating elements, with 24/7 service (U.S. and Canada only).

HATCO CORPORATION P.O. Box 340500 Milwaukee, WI 53234-0500 U.S.A. • (800) 558-0607 • (414) 671-6350
Fax (800) 543-7521 • Int'l. Fax (414) 671-3976 • www.hatcocorp.com • E-mail: equipsales@hatcocorp.com

Form No. ITQ Spec Sheet

Printed in U.S.A.
September 2013

THIS ITEM IS: SPARE NUMBER

☒ SPARE NUMBER

☐ MILLWORK

☐ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

THIS ITEM IS: SPARE NUMBER



SPARE NUMBER



MILLWORK



CUSTOM FABRICATED/NSF



EXISTING



WHERE SHOWN



RELOCATED



MODIFIED



N.I.K.E.C. BY:



OWNER



SUPPLIER / VENDOR



OTHERS

REMARKS:

Project

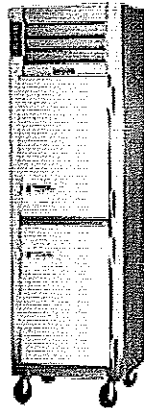
Quantity

Item #

Model Specified:

CSI Section 11400

"D-Width" Reach-In Refrigerator-Freezer Models/Self-Contained



Model RDT132DUT-HHS
(shown with optional casters)



One & Two Section Models, 32" Deep

2-Section Full Length Door Model	RDT232DUT-FHS
1-Section Half Length Door Model	RDT132DUT-HHS
2-Section Half Length Door Model	RDT232DUT-HHS



2-Section Full Length Door Model	ADT232DUT-FHS
1-Section Half Length Door Model	ADT132DUT-HHS
2-Section Half Length Door Model	ADT232DUT-HHS

The R & A Series represent Traulsen's Top-of-the-Line product offering. The "D-Width" reach-in refrigerator/freezer models are all designed to offer maximum interior storage capacity. Each is supplied standard with such high quality features as balanced refrigeration systems, microprocessor controls, communications ability and stainless steel exteriors. Additionally, they offer the widest range of optional accessories to choose from, and can be specified for use with many different applications, including: Foodservice, Correctional, Institutional, Export, etc.

Standard Product Features

- R-Series: Stainless Steel Exterior & Interior
- A-Series: Stainless Steel Exterior/Anodized Aluminum Interior
- INTELA-TRAUL® Microprocessor Control System
- Balanced, Self-Contained Dual Refrigeration Systems Using R-134a & R-404A Refrigerants
- Scroll Blower Type Evaporator Fan (2 section models only)
- Full or Half Length Stainless Steel Doors With Locks (full-length doors n/a on one-section models)
- Self-Closing Doors With Stay Open Feature At 120 Degrees
- Guaranteed For Life Cam-Lift Hinges
- Guaranteed For Life Horizontal Work Flow Door Handle
- Standard Door Hinging: 132D = Right, 232D = Left/Right (other hings not available for 2-section models)
- Automatically Activated Incandescent Lights
- Stainless Steel Breaker Caps
- Adjustable Wire Shelves (installed at the factory)
- Automatic Non-Electric Condensate Evaporator (2 section models only)
- Magnetic Snap-In EZ-Clean Door Gasket(s)
- Gasket-Protecting Metal Door Liner
- Controllable Anti-Condensate Door Perimeter Heaters
- Thermostatic Expansion Valve Metering Device
- Stainless Steel One-Piece Louver Assembly
- 9' Cord & Plug Attached
- Set of Four (4) 6" High Adjustable Stainless Steel Legs
- Three Year Parts And Labor Warranty
- Five Year Compressor Warranty

Options & Accessories

- Stainless Steel Finished Back With Rear Louvers
- Re-Hinging Feature For Door(s)
- No. 1 Type Tray Slides To Accommodate either (1) 18" x 26" or (2) 14" x 18" Sheet Pans, Adjustable To 2" O.C.
- Additional Wire Shelves
- Stainless Steel Shelves
- EZ-Open Foot Pedal (full height doors only)
- Kool Klad Exterior Laminate Decor
- Set of Four (4) 6" High Casters In Lieu of Legs
- Set of Four (4) 4-5/8" High Casters In Lieu of Legs
- 4-1/2" High Stainless Steel Base In Lieu of Legs
- 6" High Stainless Steel Kickplate (for use with standard legs)
- Remote Applications (see spec sheet TR35837 for details)
- Clear Glass Door(s) In Place Of One Or More Refrigerator Section Door(s)
- Water Cooled Self-Contained Condenser Suitable For Connection To Glycol
- Remote Monitoring (monitoring supplied by E-Control)



Listed by Underwriters Laboratories Inc.,
to U.S. and Canadian safety standards and
Listed by NSF International.

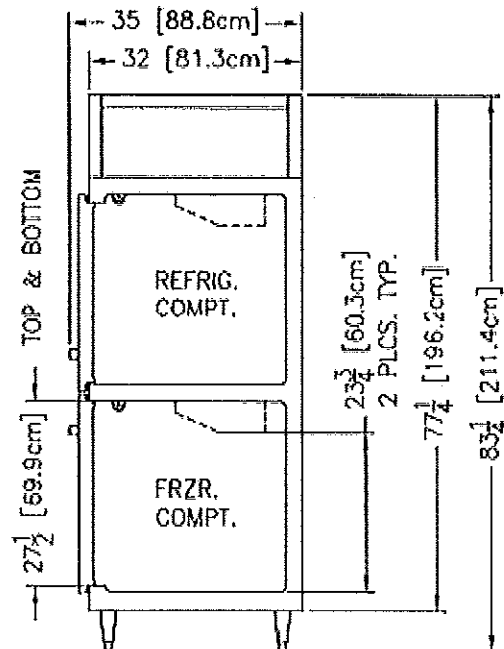
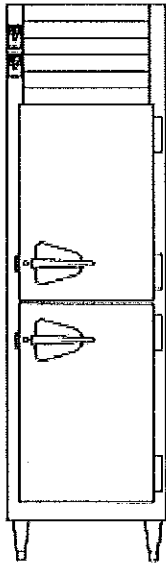
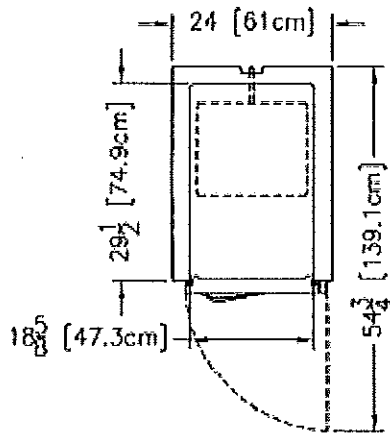


Approval: _____



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4401 BLUE MOUND RD.
PHONE 1 (800) 825-8220
Website: www.traulsen.com

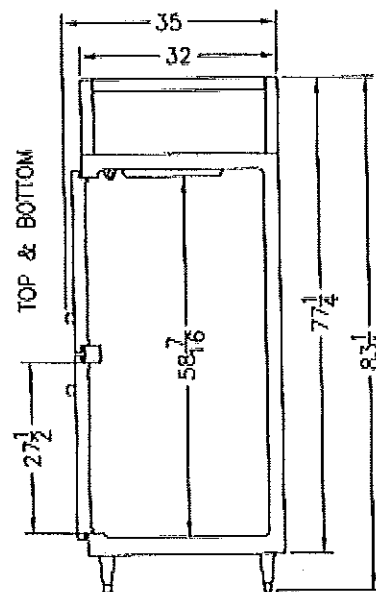
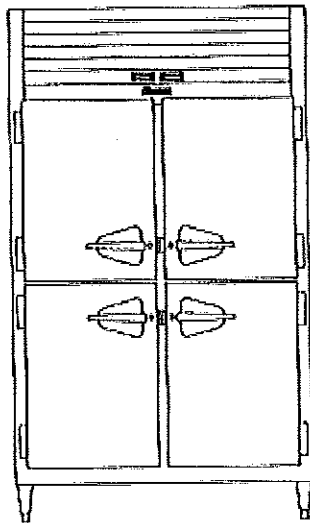
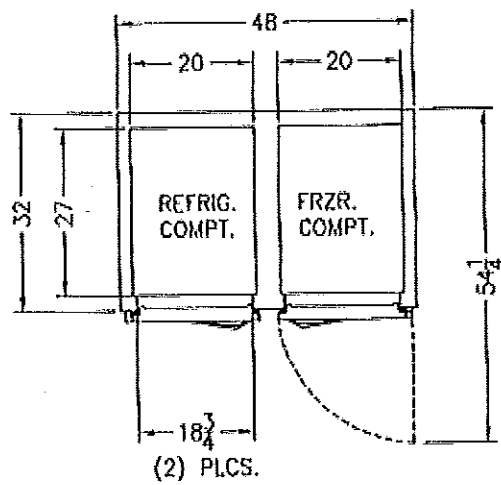
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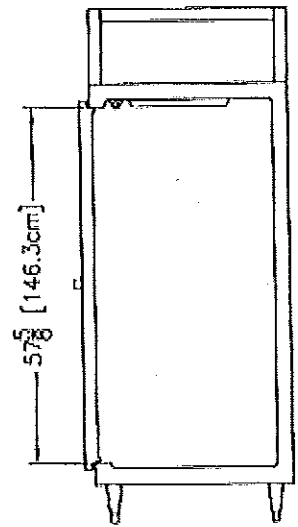
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Traulsen



HALF DOOR
SECTION



FULL DOOR
SECTION



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Project

Quantity

Item #

Model Specified:

CSI Section 11400

Specifications

Construction, Hardware and Insulation

Cabinet exterior front, one piece sides, louver assembly and doors are constructed of 20 gauge stainless steel with #4 finish. Cabinet interior and door liners are constructed of stainless steel (anodized aluminum in the A-Series). The exterior cabinet top, back and bottom are constructed of heavy gauge aluminized steel. A set of four (4) adjustable 6" high stainless steel legs are included.

Doors are equipped with a gasket protecting metal door pan, removable plug cylinder locks and guaranteed for life cam-lift, gravity action, self-closing metal, glide hinges with stay open feature at 120 degrees. Hinges include a concealed switch to automatically activate the interior incandescent lighting. Guaranteed for life, work flow door handles are mounted horizontally over recess in door which limits protrusion from door face into aiseways. Doors have seamless, polished metal corners.

Gasket profile and Santoprene® material simplify cleaning and increase overall gasket life. Anti condensate heaters are located behind each door opening.

Both the cabinet and door(s) are insulated with an average of 2" thick high density, non-CFC, foamed in place polyurethane.

DIMENSIONAL DATA	RA/DT132DUT	RA/DT232DUT
Net capacity total cu. ft.	15.6 (442 cu l)	38.0 (1076 cu l)
Net capacity refriger. cu. ft.	8.0 (227 cu l)	23.5 (665 cu l)
Net capacity freezer cu. ft.	7.6 (215 cu l)	14.5 (411 cu l)
Length - overall in.	24 (61.0 cm)	48 (121.9 cm)
Depth - overall in.	35 (88.8 cm)	35 (88.8 cm)
Depth - over body in.	32 (81.3 cm)	32 (81.3 cm)
Depth - door open 90° in.	54 1/4 (139.1 cm)	54 1/4 (139.1 cm)
Clear door width in.	18 1/4 (47.3 cm)	18 1/4 (47.3 cm)
Clear half-door height in.	27 1/4 (69.9 cm)	27 1/4 (69.9 cm)
Clear full-door height in.	n/a	57 1/4 (146.3 cm)
Height - overall on 6" legs ⁴	83 1/4 (211.5 cm)	83 1/4 (211.5 cm)
No. Standard Shelves	2	6
Shelf area total sq. ft. ¹	28.0 (2.6 sq m)	37.6 (3.49 sq m)
Shelf area refriger. sq. ft. ¹	7.1 (.7 sq m)	14.2 (1.3 sq m)
Shelf area freezer sq. ft. ¹	7.1 (.7 sq m)	14.2 (1.3 sq m)
RDT Net Wt. lbs.	455 (206 kg)	665 (302 kg)
ADT Net Wt. lbs.	405 (184 kg)	585 (265 kg)
ELECTRICAL DATA		
Voltage	115/60/1	115/60/1
Feed wires with Ground	3	3
Full load amperes	10.7	12.6
REFRIGERATION DATA		
Refrigerant - Refrigerator	R-134a	R-134a
Refrigerant - Freezer	R-404A	R-404A
BTU/HR H.P. - Refrigerator ²	1130 (1/5 HP)	1130 (1/5 HP)
BTU/HR H.P. - Freezer ²	1440 (1/5 HP)	1440 (1/5 HP)

NOTES

NOTE: Figures in parentheses reflect metric equivalents.

- 1= Area of standard shelf complement only, does not include storage area of additional shelves or available on cabinet bottom.
- 2= Based on a 90 degree F ambient and 20 degree F evaporator for the refrigerated section and a 90 degree F ambient and -20 degree F evaporator for the freezer section.
- 3= For approximate remote weights deduct 40 lbs. from respective net or gross weight. For other information on remote models, please refer to spec sheet TR35837.
- 4= 12" Top clearance preferred for optimum performance and service access.

Refrigeration System

A top mounted, self-contained, balanced refrigeration system using R-134a and R-404A refrigerants is conveniently located behind the one piece louver assembly. Two section models feature an easy to clean front facing condenser, thermostatic expansion valve, air-cooled hermetic compressor, plenum effect blower coil, large, high humidity evaporator coil located outside the food zone and a top mounted non-electric condensate evaporator. One section models feature an interior mounted coil and bottom mounted condensate evaporator.

Biased return air duct protects against introduction of warm kitchen air, promoting even temperature maintenance and efficient operation.

A 9' cord and plug is provided standard. Standard operating temperatures are 34 to 38°F for the refrigerator compartment and 0 to -5°F for the freezer compartment.

Controller

The easy to use water resistant INTELA-TRAUL® microprocessor control system is supplied standard. RS485 data port enables data communications for remote monitoring such as NAFEM Data Protocol, E-Control Systems® and others. It includes a 3-Digit LED Display and Fahrenheit or Celsius Temperature Scale Display Capability. In addition it includes audio/visual alarms for: Hi/Lo Cabinet Temperature, Door Open, Clean Condenser, Evaporator Coil and Discharge Line Sensor Failures, and Power Supply Interruption. A separate control is provided for both the refrigerator and freezer compartments.

Interior

Standard interior arrangements include three (3) wire shelves per section, mounted on shelf pins (one section models are supplied standard with two wire shelves). Shelves are full-width, and do not have any large gaps between them requiring the use of "bridge" or "junior shelves." Recommended load limit per shelf should not exceed 225 lbs. Optional tray slides may be purchased in combination with, or in lieu of these. Standard interior arrangements are installed at the factory.

Warranties

Both a three year parts and labor warranty and a five year compressor warranty (self-contained models only) are provided standard.



Equipped With One NEMA 5-15 P Plug
(1 section models only)



Equipped With One NEMA 5-20 P Plug
(2 section models only)

NOTE: Full load amps and plug style may vary depending on electrical options chosen and condensing unit employed.

NOTE: When ordering please specify: Voltage, Hinging, Door Size, Options and any additional warranties.

Continued product development may necessitate specification changes without notice.

Part No. TR35781 (REV. 02-19-14)

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Traulsen

THIS ITEM IS: TRASH CHUTE

☐ SPARE NUMBER

☐ MILLWORK

☒ CUSTOM FABRICATED/NSF

☐ EXISTING

☐ WHERE SHOWN

☐ RELOCATED

☐ MODIFIED

☐ N.I.K.E.C. BY:

☐ OWNER

☐ SUPPLIER / VENDOR

☐ OTHERS

REMARKS:

OLYMPUS AIR SCREEN

PROJECT: _____

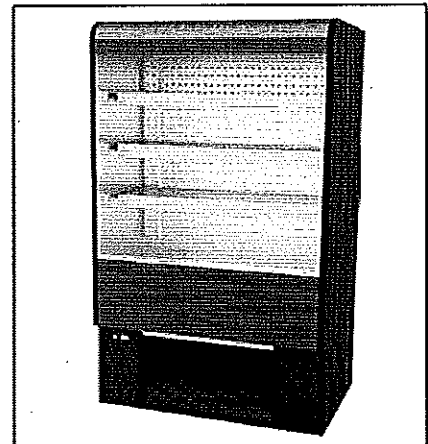
ITEM: _____

QUANTITY: _____

MODEL # SCAS

SPECIFICATIONS

The Olympus Air Screen SCAS Series is a grab and go style refrigerator. The self-contained refrigeration system includes digital controls allowing unit to engage in minimal defrost cycles. Front mounted red indicator light alerts operator if condensing unit requires cleaning. Unique baffled compressor housing for front air intake, top rear air discharge reducing noise levels plus zero clearance from wall installation. Unit comes standard with 3 adjustable extra deep shelves and is available with T5 fluorescent lights or optional energy efficient LED lighting underneath shelving.



Available lengths: ☐ 36" ☐ 48" ☐ 60" ☐ 72" ☐ 84" ☐ 96"

Available depths: ☐ 32" ☐ 29 3/4" with rear doors

Available heights: ☐ 78"



Conforms to NSF STD 7
TYPE II

STANDARD FEATURES

- DOE 2012 Compliant
- Self-Contained Refrigeration
- Rounded Top Canopy
- Metal Frame Base Construction with Lift-Out Black Louvered Air Grill for Easy Access to Compressor
- Standard Grade Laminate Exterior
- Brushed Stainless Steel Interior Ends
- Stainless Steel Perforated Interior Back Panel
- T5 Quick Snap-In Top Canopy Light
- (3) Adjustable Stainless Steel Extra Deep Shelves for Maximum Capacity, with T5 Quick Snap-In Lights
- Removable Stainless Steel Deck Pan with Hemmed Edge to Contain Spills
- Pull Down #23 Econo Frost Night Curtain
- Electronic Digital Control and Defrost Termination
- Red Indicator Light Alerts Operator if Condenser Requires Cleaning
- Digital Temperature Display
- Unique Internal Baffle Design for Compressor Noise Reduction
- Front Air Intake with Top Rear Air Discharge for Zero Clearance
- Easy Slide-Out Condensing Unit (4', 5', 6', 7' & 8' Units)
- 8' Cord and Plug
- ETL Listed in Accordance with UL 471 and NSF 7 Standards
- Conforms to NSF STD 7 Type II Refrigeration
- Environmentally Safe Refrigerant
- 1 Year Parts and Labor Warranty
- Floor Drain Required

OPTIONAL FEATURES

- ☐ Green Screen
- ☐ Remote Refrigeration
- ☐ Front Decorative Panels (Remote Refrigerated Units Only, Consult Factory)
- ☐ Special Laminates
- ☐ Miscellaneous Trim
- ☐ Promolux Lighting (Low UV)
- ☐ Energy Efficient LED Lighting
- ☐ Wire Shelves
 - ☐ Brass ☐ White ☐ Black ☐ Chrome
- ☐ Mirrored Polished Stainless Steel Shelves (#8 Finish)
- ☐ Gravity Feed Shelving
- ☐ U Shape Front Shelf Merchandiser
- ☐ Casters (Increases Height by 6")
- ☐ Adjustable Legs (Consult Factory for Sizes)
- ☐ Powder Coated Interior Back Panel and Hardware
 - ☐ Black ☐ White ☐ Custom Color
- ☐ Mirrored Polished Stainless Steel Interior Ends (#8 Finish)
- ☐ Mirrored Polished Stainless Steel Perforated Interior Back Panel (#8 Finish)
- ☐ Finished Back with Black Air Grill
- ☐ Stainless Steel Louvered Air Grill
- ☐ Solid Insulated Rear Sliding Doors
- ☐ See-Through Insulated Rear Sliding Doors
- ☐ Insulated Glass Vision End Panels
- ☐ Removable Locking Security Panels
- ☐ Roll Down Locking Security Cover
- ☐ Fold Down Stainless Steel V-Ribbed Tray Slide
- ☐ Fold Down Corian® Tray Slide
- ☐ Stationary Corian® Tray Ledge
- ☐ Tie-In Strips for Interconnection of Units
- ☐ Thermometer
- ☐ 5 Year Compressor Warranty

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

RPI INDUSTRIES INC.

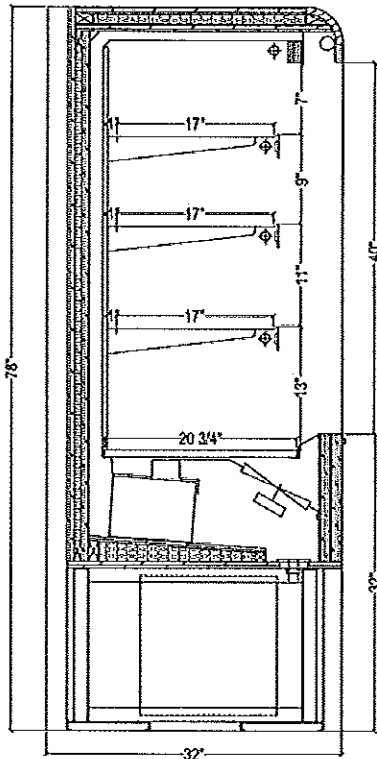
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11 12

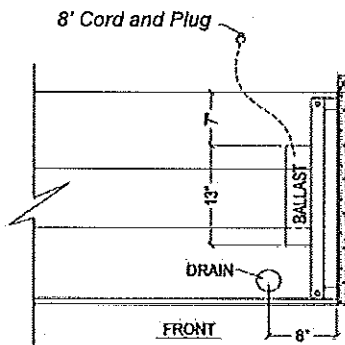
OLYMPUS AIR SCREEN

PROJECT:

TOLL FREE: 800-525-3692

MODEL # SCAS

NOTE: A minimum of 18" clearance needed above unit for air discharge for self contained units.

**SELF - CONTAINED**

MODEL	L	D	H	HP	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R	36	32	78	1/2	115	12.9	5-20P	675	134A
SCAS48R	48	32	78	3/4	115/208-230 4 wire	11.5	L14-30P	900	404A
SCAS60R	60	32	78	1 1/4	115/208-230 4 wire	12.7	L14-30P	1020	404A
SCAS72R	72	32	78	1 1/4	115/208-230 4 wire	13.0	L14-30P	1150	404A
SCAS84R	84	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1225	404A
SCAS96R	96	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1400	404A

AMBIENT

MODEL	L	D	H	VOLT	AMP	PLUG	WT
SCAS36D	36	32	78	115	0.5	5-15P	625
SCAS48D	48	32	78	115	0.7	5-15P	800
SCAS60D	60	32	78	115	1.0	5-15P	920
SCAS72D	72	32	78	115	1.2	5-15P	1050
SCAS84D	84	32	78	115	1.4	5-15P	1093
SCAS96D	96	32	78	115	1.4	5-15P	1268

REMOTE - REFRIGERATED

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R-RR	4140	115	1.3	5-15P	625	Verify
SCAS48R-RR	7470	115	2.0	5-15P	800	Verify
SCAS60R-RR	9960	115	2.2	5-15P	920	Verify
SCAS72R-RR	9960	115	2.4	5-15P	1050	Verify
SCAS84R-RR	11,400	115	3.0	5-15P	1093	Verify
SCAS96R-RR	11,400	115	3.0	5-15P	1268	Verify

GLYCOL

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	GPM	REFRIG.
SCAS36R-RR-GL	4140	115	1.3	5-15P	625	1.0	GLYCOL
SCAS48R-RR-GL	7470	115	2.0	5-15P	800	2.0	GLYCOL
SCAS60R-RR-GL	9960	115	2.2	5-15P	920	2.5	GLYCOL
SCAS72R-RR-GL	9960	115	2.4	5-15P	1050	2.5	GLYCOL



Conforms to UL Standard 471,
and NSF Standard 7; Certified
To CSA Standard C22.2 No.120

**Electrical & Plumbing locations**

1. All Self-Contained, Remote and Glycol Units must be run to a floor drain at time of installation.
2. Refrigeration System is designed so air will flow front to rear. Unobstructed air flow must be maintained to ensure unit performance and maintain warranty.
3. The SCAS merchandiser is designed for use in stores where ambient temperatures and humidity do not exceed 80 Degrees Fahrenheit and 60% R.H. Locate away from direct sunlight, rapid air currents and extreme temperature changes. Exposure to air currents from ceiling fans, air conditioning diffusers, ovens, etc. will disrupt the case air curtain and refrigerated zone. Refrigerated Displays are designed to maintain pre-chilled products. Adding or loading warm products above 41 Degrees Fahrenheit can affect the temperature in the entire cabinet. Any adverse field conditions stated above will void warranty.

RPI in line with its policy to continually improve its products reserves the right to change materials and specifications without notice.

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70 MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

RPI INDUSTRIES INC.
NEXT STEP DESIGN

11 12



UNI-PAK

Air Cooled

Condensing Units

1/2 to 6 HP

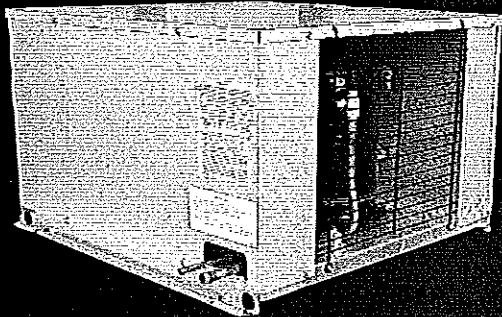
Publication No. 502.12

January, 2004

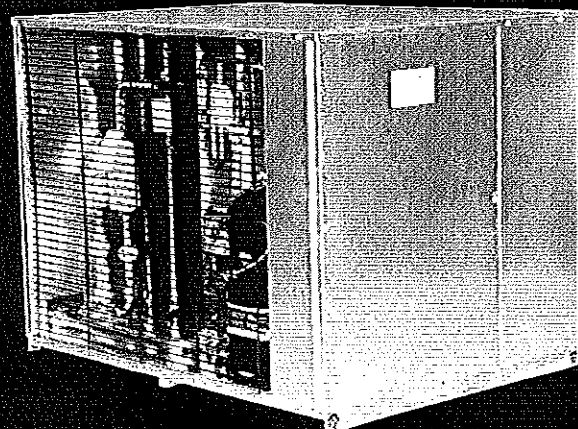
**NOW AVAILABLE
THROUGH 6 HP**

Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient

1/2 to 3 HP



4 to 6 HP




ColdZone

Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

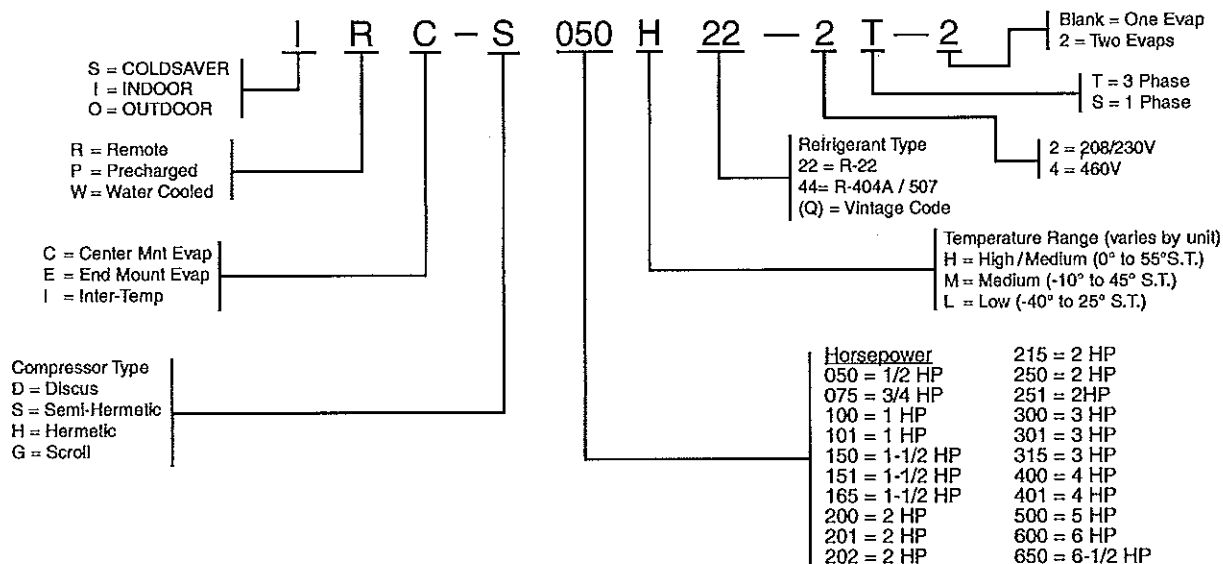
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorbert and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorbert, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorbert	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

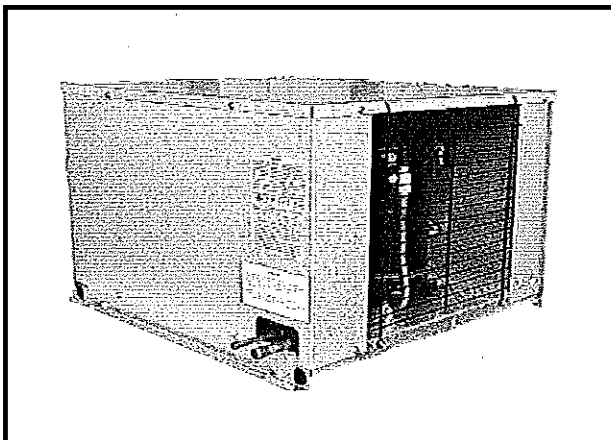
† Vibrasorbert not required for Hermetic and Scroll compressors. Vibrasorbert not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorbert required.

†† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorberts and compressor spring mounting.

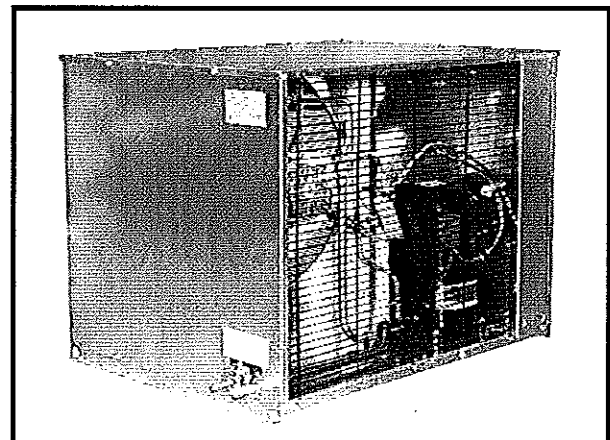
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F													LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
4 0 4 A	*H050M44	0.50	-----	6000	5400	4800	3800	-----	-----	-----	-----	-----	-----	5.1	1	3/8	5/8	152
	*H075M44	0.75	-----	8800	8100	7400	6200	-----	-----	-----	-----	-----	-----	5.1	1	3/8	5/8	157
	*H101M44	1.00	-----	12200	11300	10500	8500	-----	-----	-----	-----	-----	-----	8.6	2	3/8	5/8	180
	*H150M44	1.50	-----	15700	14300	13000	10400	-----	-----	-----	-----	-----	-----	8.6	2	3/8	7/8	212
	*H201M44	2.00	-----	23900	21100	19300	15700	-----	-----	-----	-----	-----	-----	8.6	2	3/8	7/8	298
	*H300M44	3.00	-----	28000	25300	22700	18100	-----	-----	-----	-----	-----	-----	13.7	2	1/2	1-1/8	320
	*H400M44	4.00	-----	34700	31600	28500	22700	-----	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	410
	*H500M44	5.00	-----	42300	37500	34300	27500	-----	-----	-----	-----	-----	-----	24.3	3	1/2	1-1/8	425
	*H050L44	0.50	-----	-----	-----	-----	-----	2650	2010	1520	1200	-----	-----	5.1	1	3/8	5/8	152
	*H075L44	0.75	-----	-----	-----	-----	-----	4400	3350	2250	1600	-----	-----	5.1	1	3/8	5/8	157
2 2	*H100L44	1.00	-----	-----	-----	-----	-----	5700	4300	2950	2250	-----	-----	5.1	1	3/8	5/8	180
	*H165L44	1.50	-----	-----	-----	-----	-----	10190	7940	5670	4690	3770	-----	8.6	2	3/8	7/8	195
	*H215L44	2.00	-----	-----	-----	-----	-----	16420	12930	8870	7360	5940	-----	8.6	2	3/8	7/8	243
	*H315L44	3.00	-----	-----	-----	-----	-----	20870	15940	11320	9508	7610	-----	13.7	2	1/2	1-1/8	255
	*H051H22	0.50	7550	6280	5810	5120	3990	2930	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	170
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	175
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	180
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	240
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	260
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	-----	-----	-----	-----	-----	16.0	2	1/2	7/8	345
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	-----	-----	-----	-----	-----	16.0	2	1/2	7/8	380
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	-----	-----	-----	-----	-----	28.2	3	1/2	7/8	410
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	-----	-----	-----	-----	-----	28.2	3	1/2	7/8	425

Scroll Models

404A	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
	*G200M44	2.00	21930	20350	18820	17360	14630	12160	----	----	----	----	----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	----	----	----	----	----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	----	----	----	----	----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	----	----	----	----	----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	----	----	----	----	----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	----	----	----	----	----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	----	----	----	----	----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
22	*G300L44	3.00	----	----	----	----	----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
	*G301L44	3.00	----	----	----	----	----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255
	*G400L44	4.00	----	----	----	----	----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	----	----	----	----	----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	----	----	----	----	----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	----	----	----	----	----	----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	----	----	----	----	----	----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	----	----	----	----	----	----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	----	----	----	----	----	----	28.2	3	1/2	1-1/8	400
*G600M22	6.00	52390	48370	43930	41010	34010	----	----	----	----	----	----	28.2	3	1/2	1-1/8	425	
*G650M22	6.50	63120	57830	51850	48280	41130	----	----	----	----	----	----	28.2	3	1/2	1-1/8	440	

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT											REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE													LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°					
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430
*S050H22	0.5	4930	4100	3700	3330	2650	2070	----	----	----	----	----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	----	----	----	----	----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	----	----	----	----	----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	----	----	----	----	----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	----	----	----	----	----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	----	----	----	----	----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S400M22	4	----	----	31500	28300	22400	17800	----	----	----	----	----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S500M22	5	----	----	50600	45500	36300	29000	----	----	----	----	----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	----	----	----	----	----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	----	----	----	----	----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	----	----	----	----	----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	----	----	----	----	----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	----	----	----	----	----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	----	----	----	----	----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	----	----	----	----	----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*S050M44	HAI-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	----	----	----	----	----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	----	----	----	----	----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	----	----	----	----	----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300M44	ERF-031E	----	----	----	----	----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	----	----	----	----	----	21.8	141	3.2	26.0	32	----	----	----	----	----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	----	----	----	----	----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	----	----	----	----	----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	----	----	----	----	----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	----	----	----	----	----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	----	----	----	----	----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	----	----	----	----	----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	----	----	----	----	----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	----	----	----	----	----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	----	----	----	----	----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	----	----	----	----	----	----	----	----	----	----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	----	----	----	----	----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	----	----	----	----	----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

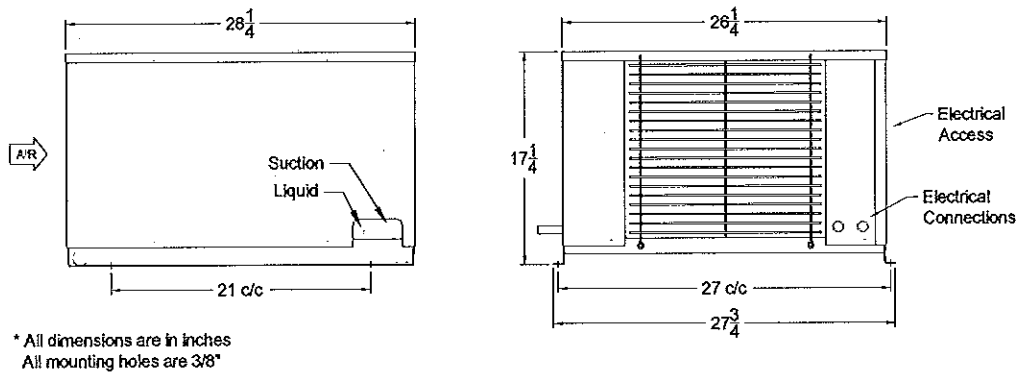
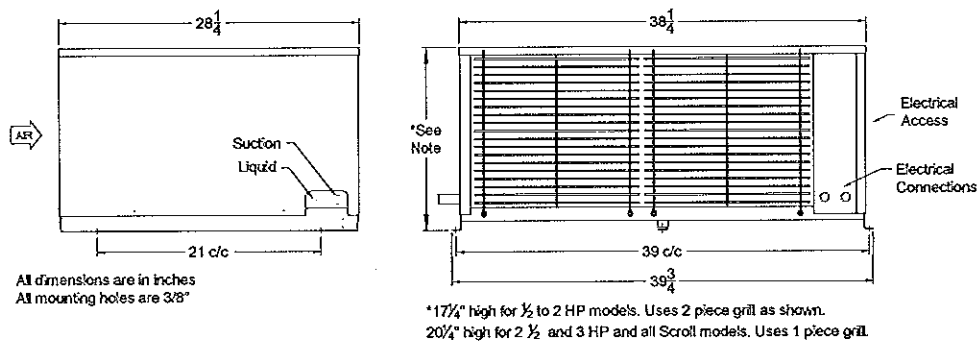
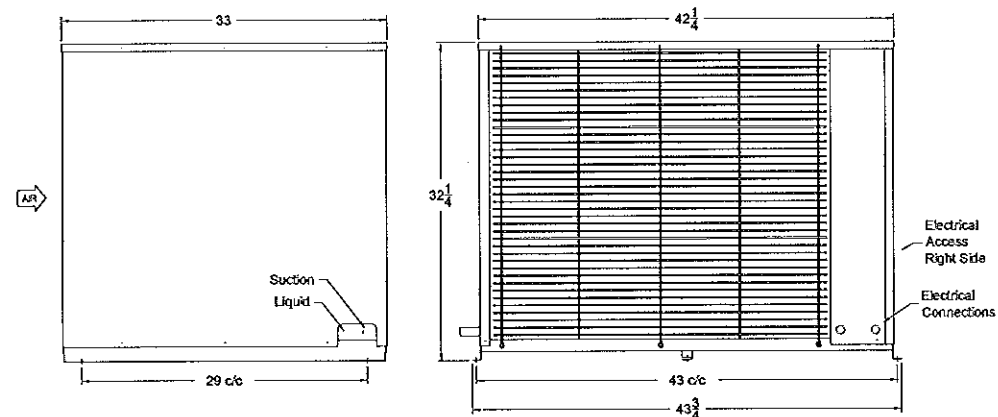
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

P/N 122302-006 REV.12 01/04 R1500

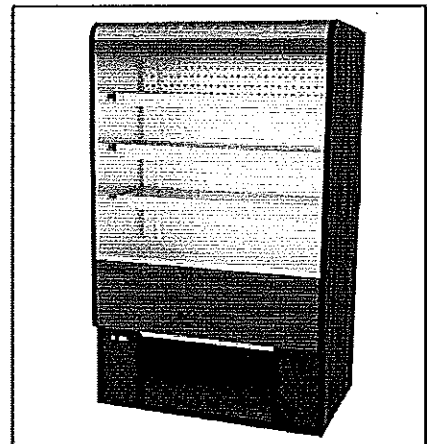
OLYMPUS AIR SCREEN

PROJECT: _____

ITEM: _____ QUANTITY: _____

MODEL # SCAS**SPECIFICATIONS**

The Olympus Air Screen SCAS Series is a grab and go style refrigerator. The self-contained refrigeration system includes digital controls allowing unit to engage in minimal defrost cycles. Front mounted red indicator light alerts operator if condensing unit requires cleaning. Unique baffled compressor housing for front air intake, top rear air discharge reducing noise levels plus zero clearance from wall installation. Unit comes standard with 3 adjustable extra deep shelves and is available with T5 fluorescent lights or optional energy efficient LED lighting underneath shelving.



Available lengths: ☐ 36" ☐ 48" ☐ 60" ☐ 72" ☐ 84" ☐ 96"

Available depths: ☐ 32" ☐ 29 3/4" with rear doors

Available heights: ☐ 78"



Conforms to NSF STD 7
TYPE II

STANDARD FEATURES

- DOE 2012 Compliant
- Self-Contained Refrigeration
- Rounded Top Canopy
- Metal Frame Base Construction with Lift-Out Black Louvered Air Grill for Easy Access to Compressor
- Standard Grade Laminate Exterior
- Brushed Stainless Steel Interior Ends
- Stainless Steel Perforated Interior Back Panel
- T5 Quick Snap-In Top Canopy Light
- (3) Adjustable Stainless Steel Extra Deep Shelves for Maximum Capacity, with T5 Quick Snap-In Lights
- Removable Stainless Steel Deck Pan with Hemmed Edge to Contain Spills
- Pull Down #23 Econo Frost Night Curtain
- Electronic Digital Control and Defrost Termination
- Red Indicator Light Alerts Operator if Condenser Requires Cleaning
- Digital Temperature Display
- Unique Internal Baffle Design for Compressor Noise Reduction
- Front Air Intake with Top Rear Air Discharge for Zero Clearance
- Easy Slide-Out Condensing Unit (4', 5', 6', 7' & 8' Units)
- 8' Cord and Plug
- ETL Listed in Accordance with UL 471 and NSF 7 Standards
- Conforms to NSF STD 7 Type II Refrigeration
- Environmentally Safe Refrigerant
- 1 Year Parts and Labor Warranty
- Floor Drain Required

OPTIONAL FEATURES

- ☐ Green Screen
- ☐ Remote Refrigeration
- ☐ Front Decorative Panels (Remote Refrigerated Units Only, Consult Factory)
- ☐ Special Laminates
- ☐ Miscellaneous Trim
- ☐ Promolux Lighting (Low UV)
- ☐ Energy Efficient LED Lighting
- ☐ Wire Shelves
 - ☐ Brass ☐ White ☐ Black ☐ Chrome
- ☐ Mirrored Polished Stainless Steel Shelves (#8 Finish)
- ☐ Gravity Feed Shelving
- ☐ U Shape Front Shelf Merchandiser
- ☐ Casters (Increases Height by 6")
- ☐ Adjustable Legs (Consult Factory for Sizes)
- ☐ Powder Coated Interior Back Panel and Hardware
 - ☐ Black ☐ White ☐ Custom Color
- ☐ Mirrored Polished Stainless Steel Interior Ends (#8 Finish)
- ☐ Mirrored Polished Stainless Steel Perforated Interior Back Panel (#8 Finish)
- ☐ Finished Back with Black Air Grill
- ☐ Stainless Steel Louvered Air Grill
- ☐ Solid Insulated Rear Sliding Doors
- ☐ See-Through Insulated Rear Sliding Doors
- ☐ Insulated Glass Vision End Panels
- ☐ Removable Locking Security Panels
- ☐ Roll Down Locking Security Cover
- ☐ Fold Down Stainless Steel V-Ribbed Tray Slide
- ☐ Fold Down Corian® Tray Slide
- ☐ Stationary Corian® Tray Ledge
- ☐ Tie-In Strips for Interconnection of Units
- ☐ Thermometer
- ☐ 5 Year Compressor Warranty

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70, MEDFORD, NJ 08055

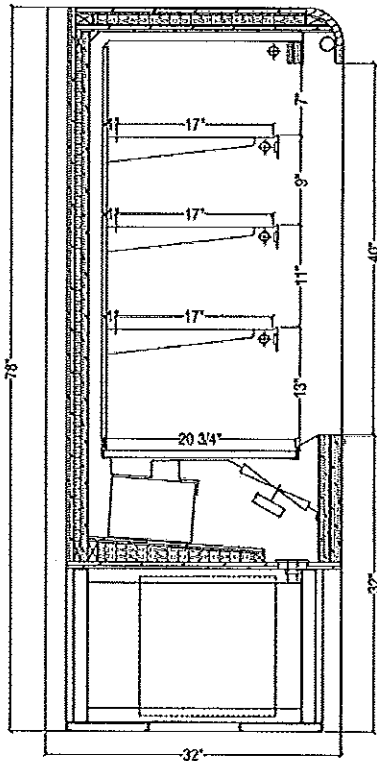
Hilton Herb N Kitchen-Prototype REV

RPI INDUSTRIES INC.
NEXT STEP DESIGN

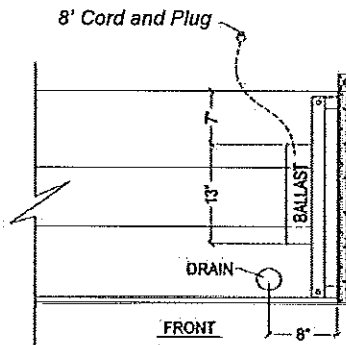
OLYMPUS AIR SCREEN

PROJECT:

TOLL FREE: 800-525-3692

MODEL # SCAS

NOTE: A minimum of 18" clearance needed above unit for air discharge for self contained units.

**Electrical & Plumbing locations**

1. All Self-Contained, Remote and Glycol Units must be run to a floor drain at time of installation.
2. Refrigeration System is designed so air will flow front to rear. Unobstructed air flow must be maintained to ensure unit performance and maintain warranty.
3. The SCAS merchandiser is designed for use in stores where ambient temperatures and humidity do not exceed 80 Degrees Fahrenheit and 60% R.H. Locate away from direct sunlight, rapid air currents and extreme temperature changes. Exposure to air currents from ceiling fans, air conditioning diffusers, ovens, etc. will disrupt the case air curtain and refrigerated zone. Refrigerated Displays are designed to maintain pre-chilled products. Adding or loading warm products above 41 Degrees Fahrenheit can affect the temperature in the entire cabinet. Any adverse field conditions stated above will void warranty.

RPI in line with its policy to continually improve its products reserves the right to change materials and specifications without notice.

CALL TOLL FREE: 800-525-3692 (609-714-2330)

FAX: 609-714-2331 www.rpiindustries.com

220 ROUTE 70 MEDFORD, NJ 08055

Hilton Herb N Kitchen-Prototype REV

SELF - CONTAINED

MODEL	L	D	H	HP	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R	36	32	78	1/2	115	12.9	5-20P	675	134A
SCAS48R	48	32	78	3/4	115/208-230 4 wire	11.5	L14-30P	900	404A
SCAS60R	60	32	78	1 1/4	115/208-230 4 wire	12.7	L14-30P	1020	404A
SCAS72R	72	32	78	1 1/4	115/208-230 4 wire	13.0	L14-30P	1150	404A
SCAS84R	84	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1225	404A
SCAS96R	96	32	78	1 1/2	115/208-230 4 wire	18.0	L14-30P	1400	404A

AMBIENT

MODEL	L	D	H	VOLT	AMP	PLUG	WT
SCAS36D	36	32	78	115	0.5	5-15P	625
SCAS48D	48	32	78	115	0.7	5-15P	800
SCAS60D	60	32	78	115	1.0	5-15P	920
SCAS72D	72	32	78	115	1.2	5-15P	1050
SCAS84D	84	32	78	115	1.4	5-15P	1093
SCAS96D	96	32	78	115	1.4	5-15P	1268

REMOTE - REFRIGERATED

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	REFRIG.
SCAS36R-RR	4140	115	1.3	5-15P	625	Verify
SCAS48R-RR	7470	115	2.0	5-15P	800	Verify
SCAS60R-RR	9960	115	2.2	5-15P	920	Verify
SCAS72R-RR	9960	115	2.4	5-15P	1050	Verify
SCAS84R-RR	11,400	115	3.0	5-15P	1093	Verify
SCAS96R-RR	11,400	115	3.0	5-15P	1268	Verify

GLYCOL

MODEL	BTU @ 20 F	VOLT	AMP	PLUG	WT	GPM	REFRIG.
SCAS36R-RR-GL	4140	115	1.3	5-15P	625	1.0	GLYCOL
SCAS48R-RR-GL	7470	115	2.0	5-15P	800	2.0	GLYCOL
SCAS60R-RR-GL	9960	115	2.2	5-15P	920	2.5	GLYCOL
SCAS72R-RR-GL	9960	115	2.4	5-15P	1050	2.5	GLYCOL



Conforms to UL Standard 471,
and NSF Standard 7; Certified
To CSA Standard C22.2 No. 120



RPI refrigerated merchandisers configured for sale for use in the United States meet or surpass the requirements of the DOE 2012 energy efficiency standards

RPI INDUSTRIES INC.
NEXT STEP DESIGN



UNI-PAK

**Air Cooled
Condensing Units**

1/2 to 6 HP

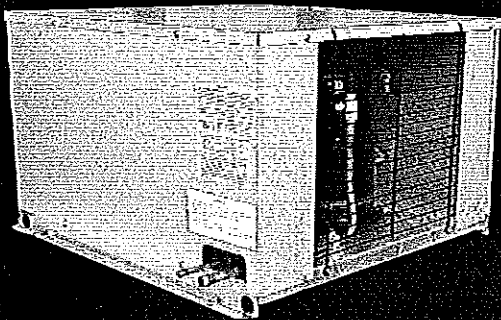
Publication No. 502.12

January, 2004

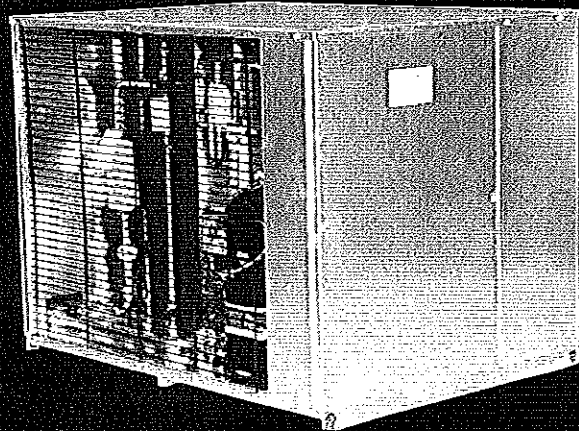
**NOW AVAILABLE
THROUGH 6 HP**

**Our newly re-designed condensing unit is:
installation friendly
service friendly
compact and efficient**

1/2 to 3 HP



4 to 6 HP





Description

ColdZone Uni-Pak condensing units are ideally suited for use in a variety of commercial applications such as cafeterias, convenience stores, restaurants and fast food outlets. Uni-Pak units offer a winning combination of quality, economy, and flexibility coupled with lower long term operating costs.

This low profile product line has been designed around environmentally safer refrigerants. All models utilize R-22 or R-404A. Units are available with a choice of compressors: low cost hermetic and scroll or heavy duty semi-hermetic and discus.

In addition to the basic Indoor and Outdoor models described in this bulletin, ColdZone can also provide pre-engineered system packages with matching evaporators and accessories.

These Uni-Pak condensing units are designed for operation in ambient air temperatures up to 110°F. Oversized condensers are available for most models. Contact our Applications Engineering department for requirements exceeding 110°F ambient temperature.

Options

- Factory installed air defrost timer
- Factory installed electric defrost timer with contactor
- Low ambient flooded control (STD on Outdoor models)
- Mild ambient fan cycle control (for 2 fan units only)
- Wire fan guard(s) kit
- Suction line piping to exterior of cabinet (STD on Outdoor units)
- Suction line kit with filter and piping
- Liquid line (piping only)
- Liquid line kit with piping, filter/ drier and sight glass (STD on Outdoor models)

Features

Indoor Models

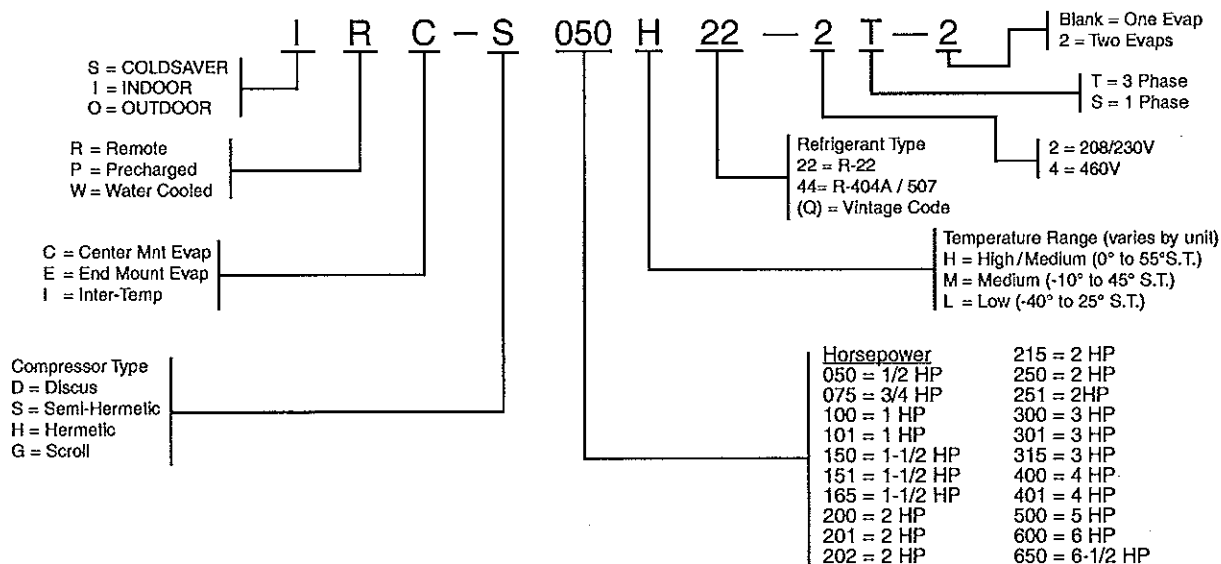
- Hermetic, Semi-hermetic, Discus or Scroll compressor.
- Generously sized condenser, Copper tubes/Aluminum fins
- Large electrical control panel for power and control circuits
- Compressor contactor or start kit
- Encapsulated high and low pressure controls (adjustable low pressure control on low temp models)
- Refrigerant receiver with shutoff valve and relief plug
- All-weather housing
- UL and cUL listed for indoor or outdoor use

Outdoor Models

- Includes all Indoor model features - plus:
- Liquid line kit with filter/drier and sight glass with moisture indicator
- Suction line piping to exterior of cabinet
- Low Ambient - flooded head pressure control valve
- Crankcase heater
- Electric defrost timer with defrost contactor/relay on low temperature models (ED10-230/1)
- Air Defrost Timer (2-1/2 through 6 HP High and Medium temp models only, optional for other HP)

- Suction accumulator
- Oil separator (not available with mounted accumulator)
- Crankcase heater
- Copper fins, or coated condenser coil
- Tiered stacking
- Liquid line solenoid
- Fused disconnect
- High ambient oversized condenser coil - contact Applications
- Spring mounting for semi-hermetic compressors

Nomenclature



UNI-PAK

Features and Options

	DESCRIPTION	STANDARD UNITS				PACKAGED UNITS			
		IR*-H	IR*-D	IR*-S	IR*-G	OR*-H	OR*-D	OR*-S	OR*-G
COMPRESSOR	Hermetic	STD	N/A	N/A	N/A	STD	N/A	N/A	N/A
	Discus	N/A	STD	N/A	N/A	N/A	STD	N/A	N/A
	Semi-Hermetic	N/A	N/A	STD	N/A	N/A	N/A	STD	N/A
	Scroll	N/A	N/A	N/A	STD	N/A	N/A	N/A	STD
ELECTRICAL CONTROLS	Oil failure control (as required)	N/R	STD	STD	N/R	N/R	STD	STD	N/R
	Encapsulated high and low pressure controls**	STANDARD				STANDARD			
	Compressor contactor (1Ø or 3Ø), start kit (1Ø)	STANDARD				STANDARD			
	Control transformer (460v to 230V) as required	STANDARD				STANDARD			
CONDENSER	Copper tubes, Aluminum fins	STANDARD				STANDARD			
	Fan motor(s) - overload protection	STANDARD				STANDARD			
	Fan blade(s) - individually balanced	STANDARD				STANDARD			
	Fan guard(s)	OPTIONAL				OPTIONAL			
PIPING COMPONENTS	Suction line (vibrasorber† and piping only)	OPTIONAL				STANDARD			
	Suction kit (vibrasorber†, piping and suction filter)	OPTIONAL				OPTIONAL			
	Suction line accumulator	OPTIONAL				OPTIONAL			
	*Liquid line kit	OPTIONAL				STANDARD			
	Discharge vibrasorber	N/R	STD††	STD††	N/R	N/R	STD††	STD††	N/R
RECEIVER	Shut-off valve(s)	STANDARD				STANDARD			
	Fusible plug	STANDARD				STANDARD			
HOUSING	Galvanized steel all weather housing	STANDARD				STANDARD			
	Control panel	STANDARD				STANDARD			
LOW AMBIENT CONTROLS	Fan cycle control (2 Fan models only)	OPTIONAL				OPTIONAL			
	Flooded head pressure control	OPTIONAL				STANDARD			
DEFROST PROVISIONS	Air defrost time clock	OPTIONAL				STD on 3-6 HP			
	Electric defrost package	OPTIONAL				(1)	(1)	(1)	(1)
TESTING	UL and cUL listed	STANDARD				STANDARD			
	Leak and dielectric tested before shipping	STANDARD				STANDARD			
	Dry Nitrogen shipping charge (25 to 35 PSI)	STANDARD				STANDARD			

STD = Standard Feature

N/R = Not Required

N/A = Not Available

OPT = Optional Feature

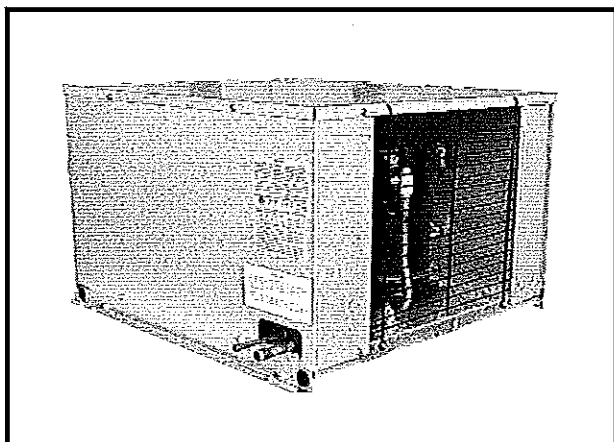
† Vibrasorber not required for Hermetic and Scroll compressors. Vibrasorber not included for 1/2 through 2HP models, Add optional kit SPR-VB if suction vibrasorber required.

†† Standard for 2-1/2 through 6HP Models. For 1/2 to 2HP models, add kit number SPR-VB to include vibrasorbers and compressor spring mounting.

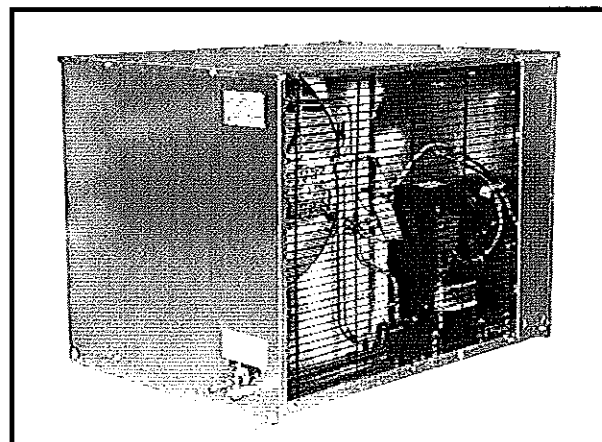
*Liquid line kit includes: piping, filter drier, sight glass/moisture indicator.

** Adjustable low pressure control on low temp models in lieu of fixed control.

(1) Electric defrost kit is included on Low temperature models. ED-10-230/1 for 1/2 to 3 HP models, and ED11-230/3 for 4 to 6 HP models.



1/2 through 3 HP



4 through 6 HP



Performance Data

Physical Data

Hermetic Models

	MODEL NUMBER	NOM HP	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS)	FIG.	CONN. (ODS, IN.)		APPROX. SHIP WT. (lbs.)
			SUCTION TEMPERATURE °F														LIQ.	SUC.	
			+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
404A	*H050M44	0.50	----	6000	5400	4800	3800	----	----	----	----	----	----	5.1	1	3/8	5/8	152	
	*H075M44	0.75	----	8800	8100	7400	6200	----	----	----	----	----	----	5.1	1	3/8	5/8	157	
	*H101M44	1.00	----	12200	11300	10500	8500	----	----	----	----	----	----	8.6	2	3/8	5/8	180	
	*H150M44	1.50	----	15700	14300	13000	10400	----	----	----	----	----	----	8.6	2	3/8	7/8	212	
	*H201M44	2.00	----	23900	21100	19300	15700	----	----	----	----	----	----	8.6	2	3/8	7/8	298	
	*H300M44	3.00	----	28000	25300	22700	18100	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320	
	*H400M44	4.00	----	34700	31600	28500	22700	----	----	----	----	----	----	24.3	3	1/2	1-1/8	410	
	*H500M44	5.00	----	42300	37500	34300	27500	----	----	----	----	----	----	24.3	3	1/2	1-1/8	425	
	*H050L44	0.50	----	----	----	----	----	2650	2010	1520	1200	----	----	5.1	1	3/8	5/8	152	
	*H075L44	0.75	----	----	----	----	----	4400	3350	2250	1600	----	----	5.1	1	3/8	5/8	157	
22	*H100L44	1.00	----	----	----	----	----	5700	4300	2950	2250	----	----	5.1	1	3/8	5/8	180	
	*H165L44	1.50	----	----	----	----	----	10190	7940	5670	4690	3770	----	8.6	2	3/8	7/8	195	
	*H215L44	2.00	----	----	----	----	----	16420	12930	8870	7360	5940	----	8.6	2	3/8	7/8	243	
	*H315L44	3.00	----	----	----	----	----	20870	15940	11320	9508	7610	----	13.7	2	1/2	1-1/8	255	
	*H051H22	0.50	7550	6280	5810	5120	3990	2930	----	----	----	----	----	6.0	1	3/8	5/8	170	
	*H075H22	0.75	8950	7300	6550	5800	4450	3200	----	----	----	----	----	6.0	1	3/8	5/8	175	
	*H100H22	1.00	13000	10600	9550	8500	6550	4750	----	----	----	----	----	6.0	1	3/8	5/8	180	
	*H151H22	1.50	16300	14640	12950	11560	8920	5675	----	----	----	----	----	10.0	2	3/8	7/8	240	
	*H201H22	2.00	22850	19780	16390	14520	11100	7990	----	----	----	----	----	10.0	2	3/8	7/8	260	
	*H251H22	2.50	29840	24530	22300	20250	14960	10670	----	----	----	----	----	16.0	2	1/2	7/8	345	
	*H301H22	3.00	37070	30800	27830	24560	18580	13200	----	----	----	----	----	16.0	2	1/2	7/8	380	
	*H401H22	4.00	52690	43010	38720	34650	24600	18100	----	----	----	----	----	28.2	3	1/2	7/8	410	
	*H500H22	5.00	56900	47100	42550	38200	30000	22300	----	----	----	----	----	28.2	3	1/2	7/8	425	

Scroll Models

	MODEL #	HP	+35°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°	REC'R	FIG.	LIQ.	SUC.	SHIP WT.
404A	*G200M44	2.00	21930	20350	18820	17360	14630	12160	----	----	----	----	----	13.7	2	1/2	7/8	215
	*G250M44	2.50	27080	25050	23160	21320	17900	14840	----	----	----	----	----	13.7	2	1/2	1-1/8	230
	*G300M44	3.00	31110	29050	26940	24860	20850	17090	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*G301M44	3.00	37190	34790	32330	29540	25190	20770	----	----	----	----	----	13.7	2	1/2	1-1/8	335
	*G400M44	4.00	44000	40480	37640	34630	29310	24800	----	----	----	----	----	24.3	3	1/2	1-1/8	400
	*G600M44	6.00	50400	47800	44200	41100	34500	28800	----	----	----	----	----	24.3	3	1/2	1-1/8	425
	*G650M44	6.50	60240	56520	52860	49060	42050	34840	----	----	----	----	----	24.3	3	1/2	1-1/8	440
	*G200L44	2.00	----	----	----	----	----	11330	9400	7670	6870	6110	4390	13.7	2	1/2	7/8	230
	*G250L44	2.50	----	----	----	----	----	13800	12100	10060	8980	7720	5800	13.7	2	1/2	7/8	240
	*G300L44	3.00	----	----	----	----	----	15960	13380	11360	9680	8670	6520	13.7	2	1/2	1-1/8	245
*G301L44	3.00	----	----	----	----	----	18760	15530	12580	11250	10160	8110	13.7	2	1/2	1-1/8	255	
22	*G400L44	4.00	----	----	----	----	----	24090	19800	15940	14080	12430	8600	24.3	3	1/2	1-1/8	405
	*G500L44	5.00	----	----	----	----	----	28490	23650	19250	17270	13200	11990	24.3	3	1/2	1-1/8	420
	*G600L44	6.00	----	----	----	----	----	33400	27400	22100	19800	17600	13600	24.3	3	1/2	1-1/8	430
	*G200M22	2.00	21020	19890	18270	16900	13960	----	----	----	----	----	----	13.7	2	1/2	7/8	215
	*G250M22	2.50	25340	23400	21310	19940	16370	----	----	----	----	----	----	13.7	2	1/2	1-1/8	230
	*G300M22	3.00	30440	28170	25840	23470	19330	----	----	----	----	----	----	13.7	2	1/2	1-1/8	320
	*G301M22	3.00	38180	34720	31890	28310	32730	----	----	----	----	----	----	13.7	2	1/2	1-1/8	335
	*G400M22	4.00	43320	39910	37460	33680	27750	----	----	----	----	----	----	28.2	3	1/2	1-1/8	400
	*G600M22	6.00	52390	48370	43930	41010	34010	----	----	----	----	----	----	28.2	3	1/2	1-1/8	425
	*G650M22	6.50	63120	57830	51850	48280	41130	----	----	----	----	----	----	28.2	3	1/2	1-1/8	440

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° Increase in ambient temperature. Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±	RLA	LRA	FLA	UNIT†	±
*H050M44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075M44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H101M44	RS97C1E	11.0	51.0	2.0	14.0	17.0	7.0	35.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H150M44	CS12K6E	10.9	56.0	2.0	13.9	17.0	7.5	51.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H201M44	CS18K6E	16.0	82.0	2.0	19.0	23.0	10.4	65.0	2.0	13.4	16.0	-----	-----	-----	-----	-----
*H300M44	CS20K3E	18.0	96.0	2.0	21.0	26.0	11.4	75.0	2.0	14.4	18.0	-----	-----	-----	-----	-----
*H400M44	CS27K3E	23.9	95.4	3.2	28.1	35.0	15.3	82.0	3.2	19.5	24.0	-----	-----	-----	-----	-----
*H500M44	CS33K3E	30.7	125.0	3.2	34.9	43.0	20.7	90.0	3.2	24.9	31.0	8.6	45.0	1.3	10.4	15.0
*H050L44	RS43C1E	5.4	24.1	1.0	7.4	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075L44	RS70C1E	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H100L44	RS97C1E	11.0	51.0	1.0	13.0	16.0	7.0	35.0	1.0	9.0	15.0	-----	-----	-----	-----	-----
*H165L44	CF06K6E	11.4	59.2	2.0	14.4	18.0	7.0	52.0	2.0	10.0	15.0	-----	-----	-----	-----	-----
*H215L44	CF09K6E	16.7	87.0	2.0	19.7	24.0	10.2	72.0	2.0	13.2	16.0	-----	-----	-----	-----	-----
*H315L44	CF12K6E	19.0	105.0	2.0	22.0	28.0	11.9	85.0	2.0	14.9	18.0	5.9	42.0	1.3	7.7	15.0
*H051H22	ART82C1	5.9	30.0	1.0	7.9	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H075H22	RSE-0075	7.1	35.5	1.0	9.1	15.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
*H100H22	RS70C1	7.0	34.2	1.0	9.0	15.0	4.7	31.0	1.0	6.7	15.0	-----	-----	-----	-----	-----
*H151H22	CR15KQ	9.0	41.0	2.0	12.0	15.0	6.0	44.2	2.0	9.0	15.0	-----	-----	-----	-----	-----
*H201H22	CR24KQ	13.5	70.5	2.0	16.5	20.0	7.5	40.0	2.0	10.5	15.0	-----	-----	-----	-----	-----
*H251H22	CR33KQ	16.0	75.0	2.0	19.0	23.0	10.6	69.0	2.0	13.6	17.0	4.7	31.6	1.0	6.2	15.0
*H301H22	CR41KQ	19.4	110.0	2.0	22.4	28.0	13.1	80.0	2.0	16.1	20.0	5.9	42.0	1.0	7.4	15.0
*H401H22	CR53KQ	29.0	140.0	3.2	33.2	41.0	18.0	107.0	3.2	22.2	27.0	9.1	55.0	1.3	10.9	15.0
*H500H22	CRN-0500	34.3	142.0	3.2	38.5	48.0	21.4	130.0	3.2	25.6	31.0	9.6	50.0	1.3	11.4	15.0

Scroll Models

*O200M44	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M44	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M44	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M44	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M44	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M44	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M44	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200L44	ZF06K4E	13.6	55.0	2.0	16.6	20.0	9.3	55.0	2.0	12.3	16.0	4.3	27.0	1.0	5.8	15.0
*O250L44	ZF08K4E	16.4	73.0	2.0	19.4	25.0	9.7	63.0	2.0	12.7	16.0	5.0	31.0	1.0	6.5	15.0
*O300L44	ZF09K4E	16.4	88.0	2.0	19.4	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.0	7.2	15.0
*O301L44	ZF11K4E	20.7	109.0	2.0	23.7	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.0	8.6	15.0
*O400L44	ZF13K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O500L44	ZF15K4E	31.5	169.0	3.2	35.7	44.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O600L44	ZF18K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0
*O200M22	ZS15K4E	13.6	55.0	2.0	17.5	20.0	9.3	55.0	2.0	12.3	15.0	4.3	27.0	1.3	6.1	15.0
*O250M22	ZS19K4E	16.4	73.0	2.0	20.3	25.0	9.7	63.0	2.0	12.7	15.0	5.0	31.0	1.3	6.8	15.0
*O300M22	ZS21K4E	16.4	88.0	2.0	20.6	25.0	11.1	77.0	2.0	14.1	17.0	5.7	39.0	1.3	7.5	15.0
*O301M22	ZS26K4E	20.7	109.0	2.0	24.9	30.0	13.6	88.0	2.0	16.6	20.0	7.1	44.0	1.3	8.9	15.0
*O400M22	ZS30K4E	26.8	129.0	3.2	31.0	38.0	15.0	99.0	3.2	19.2	23.0	8.2	49.5	1.3	10.0	15.0
*O600M22	ZS38K4E	31.8	169.0	3.2	36.0	36.0	21.4	123.0	3.2	25.6	31.0	9.6	62.0	1.3	11.4	15.0
*O650M22	ZS45K4E	-----	-----	-----	-----	-----	23.9	156.0	3.2	28.1	34.0	9.3	70.0	1.3	11.1	15.0



Performance Data

Physical Data

Semi-Hermetic Models

404A

MODEL NUMBER	NOM H.P.	CAPACITY (BTUH) AT 95°F AMBIENT												REC'R @ 90% (LBS.)	FIG	CONN. (ODS. IN.)		APPROX. SHIP WT. (lbs.)
		SUCTION TEMPERATURE														LIQ.	SUC.	
		+40°	+30°	+25°	+20°	+10°	0°	-10°	-20°	-25°	-30°	-40°						
*S050M44	0.5	----	----	4650	4250	3420	2690	----	----	----	----	----	5.1	1	3/8	5/8	189	
*S075M44	0.75	----	----	6080	5400	4100	3150	----	----	----	----	----	5.1	1	3/8	5/8	215	
*S100M44	1	----	----	8150	7550	6260	5040	----	----	----	----	----	5.1	1	3/8	5/8	205	
*S125M44	1.25	----	----	10110	9210	7440	5810	----	----	----	----	----	8.6	2	3/8	7/8	290	
*S200M44	2	----	----	14100	12800	10600	8600	----	----	----	----	----	8.6	2	3/8	7/8	230	
*S300M44	3	----	----	25900	23600	19300	15500	----	----	----	----	----	13.7	2	1/2	1-1/8	420	
*S400M44	4	----	----	30500	27900	23000	18300	----	----	----	----	----	24.3	3	1/2	1-1/8	490	
*S050L44	0.5	----	----	----	----	----	3000	2400	1800	1550	1300	900	5.1	1	3/8	5/8	196	
*S075L44	0.75	----	----	----	----	----	5000	4000	3100	2700	2300	1600	5.1	1	3/8	5/8	205	
*S100L44	1	----	----	----	----	----	6800	5500	4400	3850	3300	2400	5.1	1	3/8	5/8	220	
*S150L44	1.5	----	----	----	----	----	10500	8600	6800	6000	5200	3900	8.6	2	3/8	7/8	248	
*S200L44	2	----	----	----	----	----	13800	11100	8700	7600	6500	4800	8.6	2	3/8	7/8	320	
*S250L44	3	----	----	----	----	----	15600	12300	9400	8100	6800	4300	13.7	2	1/2	1-1/8	410	
*S300L44	3	----	----	----	----	----	20900	16700	12800	11050	9300	6300	13.7	2	1/2	1-1/8	430	

*S050H22	0.5	4930	4100	3700	3330	2650	2070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	189
*S075H22	0.75	9020	7280	6480	5730	4370	3200	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	215
*S100H22	1	12060	9950	8980	8080	6450	5070	-----	-----	-----	-----	-----	6.0	1	3/8	5/8	220
*S150H22	1.5	16600	13600	12200	10800	8500	6400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	247
*S200H22	2	22500	18400	16600	14800	11500	8400	-----	-----	-----	-----	-----	10.0	2	3/8	7/8	260
*S300H22	3	34500	28200	25300	22600	17800	13800	-----	-----	-----	-----	-----	16.0	2	1/2	1-1/8	420
*S400H22	4	47600	39200	35300	31600	25000	19200	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S400M22	4	-----	-----	31500	28300	22400	17800	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	490
*S500H22	5	56800	47000	42400	38100	30100	23100	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S500M22	5	-----	-----	50600	45500	36300	29000	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	500
*S050L22	0.5	-----	-----	-----	-----	-----	3300	2500	1750	1450	1150	700	6.0	1	3/8	5/8	192
*S075L22	0.75	-----	-----	-----	-----	-----	5450	4200	3150	2700	2250	1500	6.0	1	3/8	5/8	197
*S100L22	1	-----	-----	-----	-----	-----	7200	5600	4200	3625	3050	2150	6.0	1	3/8	5/8	205
*S200L22	2	-----	-----	-----	-----	-----	8500	6450	4850	4200	3550	2450	10.0	2	3/8	7/8	290
*S201L22	2	-----	-----	-----	-----	-----	11350	8800	6550	5600	4650	3000	10.0	2	3/8	7/8	305
*S202L22	2	-----	-----	-----	-----	-----	13800	10700	7900	6750	5600	4100	10.0	2	3/8	7/8	320
*S300L22	3	-----	-----	-----	-----	-----	20600	16100	11900	10050	8200	5650	16.0	2	1/2	1-1/8	412

Discus Models

*D500M44	5	63700	53600	49100	44800	36700	29500	23500	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D600M44	6	71300	61200	56300	51600	42700	34700	27700	-----	-----	-----	-----	24.3	3	1/2	1-1/8	560
*D300L44	3	-----	-----	-----	-----	-----	29700	23800	18300	16000	13700	9600	24.3	3	1/2	1-1/8	500
*D400L44	4	-----	-----	-----	-----	-----	34100	26800	21800	19350	16900	13000	24.3	3	1/2	1-1/8	540
*D500L44	5	-----	-----	-----	-----	-----	39500	32100	25300	22450	19600	15000	24.3	3	1/2	1-1/8	550
*D500H22	5	64100	53300	48300	43600	34800	-----	-----	-----	-----	-----	-----	28.2	3	1/2	1-1/8	560
*D300L22	3	-----	-----	-----	-----	-----	26700	20600	15600	13550	11500	7900	28.2	3	1/2	1-1/8	500
*D400L22	4	-----	-----	-----	-----	-----	30800	24100	18100	15550	13000	8800	28.2	3	1/2	1-1/8	540
*D500L22	5	-----	-----	-----	-----	-----	37300	29200	22100	19050	16000	11000	28.2	3	1/2	1-1/8	550

NOTE: For 90°F ambient multiply capacity by 1.03. Reduce capacity by 3% for each 5° increase in ambient temperature.
Consult factory for capacities above 110°F Amb.

UNI-PAK**Electrical Data****Semi-Hermetic Models**

MODEL NUMBER	COMP. MODEL NUMBER	AMPS @ 230/1/60					AMPS @ 208/230/3/60					AMPS @ 460/3/60				
		COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA	COMPRESSOR		COND	TOTAL	MCA
		RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡	RLA	LRA	FLA	UNIT†	‡
*S050M44	HAI-005E	3.7	22	1.0	5.7	15	2.2	13	1.0	4.2	15	----	----	----	----	----
*S075M44	KAN-007E	5.4	36.0	1.0	7.4	15	3	19.9	1.0	5.0	15	----	----	----	----	----
*S100M44	KAR-010E	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S125M44	KAG-010E	7.5	40.0	2.0	10.5	15	4.3	27	2.0	7.3	15	----	----	----	----	----
*S200M44	KAK-021E	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300M44	ERF-031E	----	----	----	----	----	12.4	82	2.0	15.4	19	5.8	41	1.3	7.6	15
*S400M44	NRB-040E	----	----	----	----	----	21.8	141	3.2	26.0	32	----	----	----	----	----
*S050L44	KAN-005E	3.6	24	1.0	5.6	15	2.2	13.2	1.0	4.2	15	----	----	----	----	----
*S075L44	KAM-007E	5.6	35	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L44	KAJ-010E	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S150L44	KAL-016E	9.9	55	2.0	12.9	16	6.6	50	2.0	9.6	15	----	----	----	----	----
*S200L44	EAV-021E	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S250L44	3AB-031E	**14.7	86	2.0	17.7	22	10.0	82	2.0	13.0	16	----	----	----	----	----
*S300L44	LAH-032E	**16.7	105	2.0	19.7	24	12.8	112	2.0	15.8	19	6	56	1.3	7.8	15
*S050H22	HAG-0050	4.4	22	1.0	6.4	15	2.4	13	1.0	4.4	15	----	----	----	----	----
*S075H22	KAN-0075	6.1	36	1.0	8.1	15	3.5	19.9	1.0	5.5	15	----	----	----	----	----
*S100H22	KAR-0100	7.4	40	1.0	9.4	15	4.3	27	1.0	6.3	15	----	----	----	----	----
*S150H22	KAG-0150	9.6	55	2.0	12.6	15	5.5	35.5	2.0	8.5	15	----	----	----	----	----
*S200H22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S300H22	ERF-0310	**17.0	86	2.0	20	25	11.7	82	2.0	14.7	18	6.4	41	1.3	8.2	15
*S400H22	NRB-0400	----	----	----	----	----	21.8	141	3.2	26.0	32	11.3	62.5	1.3	13.1	16
*S400M22	3RA-0311	*19.8	*86.0	*3.2	*22.0	*27	13.1	82	3.2	17.3	21	6.3	41	1.3	8.1	15
*S500H22	NRA-0500	----	----	----	----	----	19.2	141	3.2	23.4	29	9.6	62.5	1.3	11.4	15
*S500M22	NRM-0500	----	----	----	----	----	24.3	141	3.2	28.5	35	12.1	62.5	1.3	13.9	17
*S050L22	KAN-0050	3.6	24	1.0	5.6	15	----	----	----	----	----	----	----	----	----	----
*S075L22	KAM-0075	5.6	36	1.0	7.6	15	3.2	19.9	1.0	5.2	15	----	----	----	----	----
*S100L22	KAJ-0100	6.9	40	1.0	8.9	15	4.5	27	1.0	6.5	15	----	----	----	----	----
*S200L22	KAK-0200	10.6	55	2.0	13.6	17	6.8	50	2.0	9.8	15	----	----	----	----	----
*S201L22	EAD-0200	**8.4	58	2.0	11.4	15	6.8	46	2.0	9.8	15	----	----	----	----	----
*S202L22	EAV-0210	14.7	102	2.0	17.7	22	7.4	50	2.0	10.4	15	----	----	----	----	----
*S300L22	LAH-0310	**16.6	93	2.0	19.6	24	10.7	82	2.0	13.7	17	5.2	41	1.3	7.0	15

Discus Models

*D500M44	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D600M44	2DL-075E	----	----	----	----	----	31.6	169	3.2	35.8	44	13.8	85	4.2	18.5	22
*D300L44	2DF-030E	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L44	2DL-040E	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L44	2DA-060E	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15
*D500H22	2DD-050E	----	----	----	----	----	22.3	120	3.2	26.5	33	10.5	60	1.3	12.3	15
*D300L22	2DF-0300	----	----	----	----	----	16.8	102	3.2	21.0	26	8.1	52	1.3	9.9	15
*D400L22	2DL-0400	----	----	----	----	----	26.3	161	3.2	30.5	38	10.2	60	1.3	12.0	15
*D500L22	2DA-0600	----	----	----	----	----	28.8	161	3.2	33.0	41	10.2	60	1.3	12.0	15

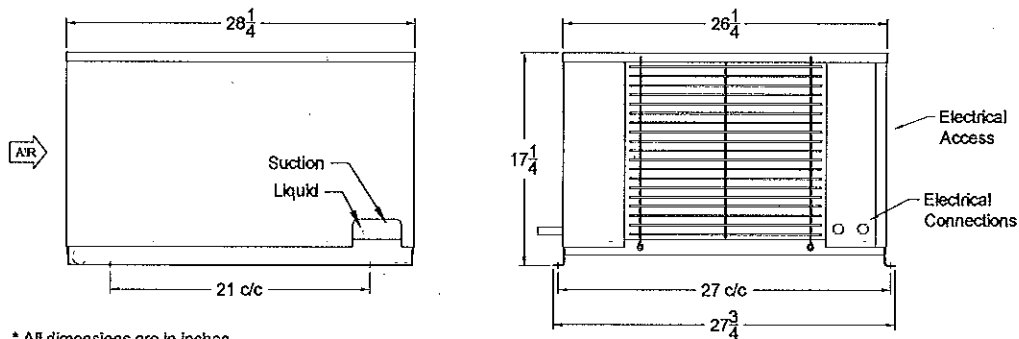
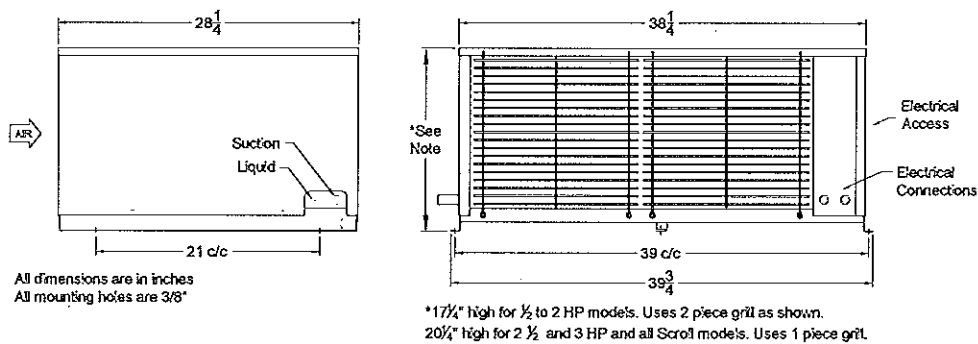
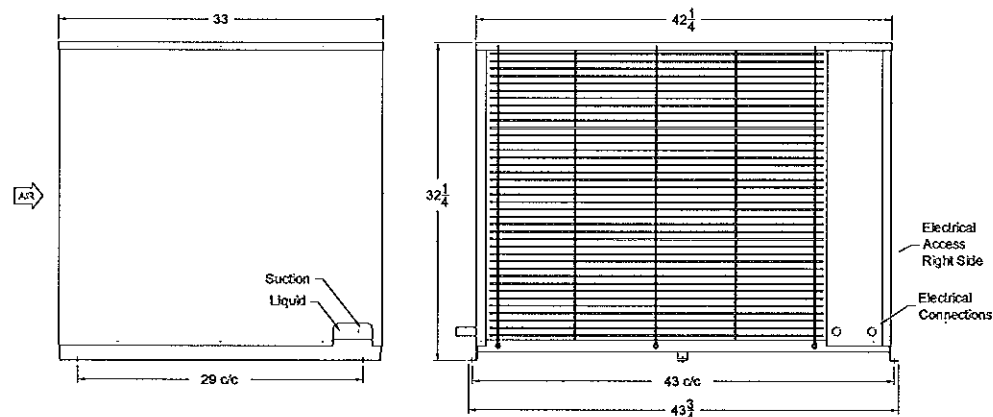
** Designated compressors are rated for 230/1/60 application only. Consult factory for 208/1 V.

† Total Unit Amps includes approximate allowance for control circuit as follows: 1A - 208/230V; 0.5A - 460V.

‡ MCA Minimum Circuit Ampacity does not include evaporator(s) electrical requirements. (Evaporator fan motor amps, defrost heater amps)

Contact factory for specific details.

* Uses 3RA-0310 for Single Phase

UNI-PAK**Physical Dimensions - All Models****Figure 1****Figure 2****Figure 3**

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