MASTER-BILT®
Refrigeration Solutions

ITEM NO. _____
PROJECT _____
LOCATION _____
DATE _____ QTY. _____

CAPSULE PAK ECO™

Self-Contained Refrigeration Systems With Natural Refrigerant

INDOOR COOLERS
- ❑ CPB050PC-S-0
- ❑ CPB075PC-S-0
- ❑ CPB100PC-S-0

OUTDOOR COOLERS
- ❑ CPB050PC-E-0
- ❑ CPB075PC-E-0
- ❑ CPB100PC-E-0

INDOOR FREEZERS
- ❑ CPF050PC-S-0
- ❑ CPF075PC-S-0
- ❑ CPF100PC-S-0
- ❑ CPF150PC-S-4

OUTDOOR FREEZERS
- ❑ CPF050PC-E-0
- ❑ CPF075PC-E-0
- ❑ CPF100PC-E-0
- ❑ CPF150PC-E-4

Indoor System

Outdoor System

MADE IN

R290
ECO-FRIENDLY
NATURAL REFRIGERANT

PATENTED TECHNOLOGY
U.S. Patent No. 11,859,885

FEATURES

- Condensing unit and evaporator coil contained in a single housing ready to mount on top of your Master-Bilt walk-in
- Indoor and outdoor ceiling mount models
- Available for coolers or freezers
- Systems may be specified for walk-in rooms 14' long and under
- Two temperatures: +37˚F and -10˚F
- Air cooled condensing unit
- Automatic condensate evaporator on indoor systems
- LogiTemp® electronic controller system
- Electronic control provided for automatic defrost on both coolers and freezers
- All models feature standard cord and plug eliminating the need for field connection
- Outdoor coolers incorporate a patented heater design for low ambient conditions to keep walk-in temperatures at the set point
- UL and C-UL electrical listing on complete Capsule Pak ECO refrigeration systems*
- DOE, CARB and SNAP compliant
- 18 months parts and labor warranty (optional 5 year compressor warranty available)

OPTIONS

❑ Five year compressor warranty

* C-UL is Underwriters Laboratories Safety Certification Mark which indicates that UL has tested the equipment to applicable CSA Standards.

SYSTEM SPECIFICATIONS

Capsule Pak ECO™ refrigeration systems consist of a single assembly pre-charged condensing unit and evaporator coil factory assembled, wired, tested and ready for insertion into a factory prepared walk-in ceiling opening.

Capsule Pak ECO systems are ceiling mount. A flush evaporator coil keeps all components outside the walk-in storage area allowing more storage inside. Models are available for compartment design temperatures of +37˚F and -10˚F. Installation is fast and easy with no plumbing required on indoor models. Outdoor models require a condensate drain line.

The evaporator section is designed to be located entirely outside the walk-in with no intrusions into the refrigerated space. The evaporator enclosure is constructed utilizing foamed-in-place polyurethane insulation and equipped with a removable, gasketed access cover. High efficiency EC evaporator fan motors circulate air throughout the walk-in.

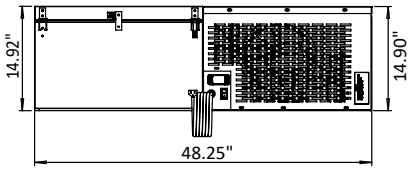
Capsule Pak ECO indoor systems incorporate a condensate pan with wicks and warm air from the condenser fan to dissipate condensate.

Capsule Pak ECO systems are UL and C-UL listed and DOE compliant. They are also designed to be paired with a Master-Bilt UL listed ignition protected walk-in.

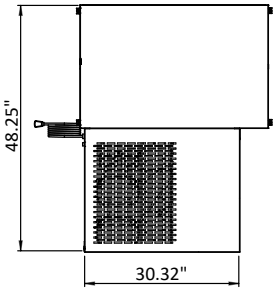
Allow a minimum clearance of 24" on each side of the system for installation. Consideration should be given to accessibility for service and free condenser air flow. Consult factory with installation questions.

PHYSICAL SPECIFICATIONS

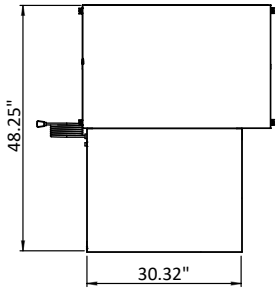
050 & 075 Models



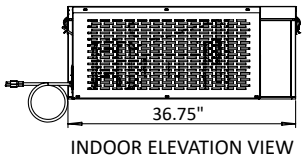
SIDE VIEW



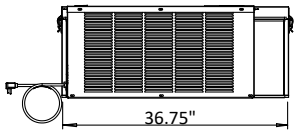
INDOOR PLAN VIEW



OUTDOOR PLAN VIEW

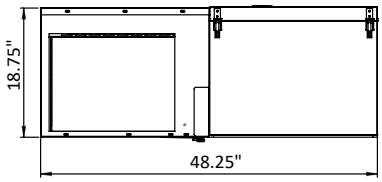


INDOOR ELEVATION VIEW

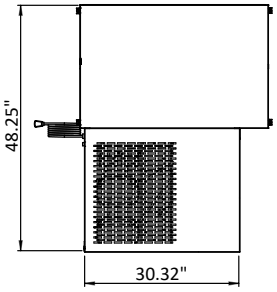


OUTDOOR ELEVATION VIEW

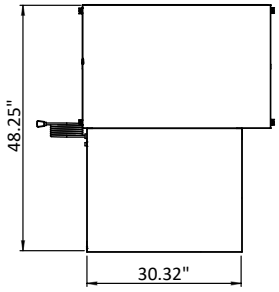
100 & 150 Models



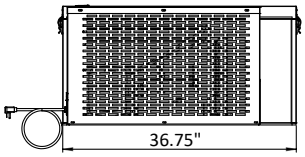
SIDE VIEW



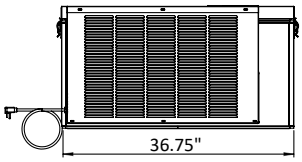
INDOOR PLAN VIEW



OUTDOOR PLAN VIEW



INDOOR ELEVATION VIEW



OUTDOOR ELEVATION VIEW

NOTE:
- Consideration must be given to accessibility for service and free condenser air flow. Consult factory with installation questions.
- Proper condensing unit ventilation must be provided. The factory recommends 200cfm of fresh air in the surounding area with ample clearance around the condensing unit.
- Subject to change without notice.

SYSTEM TECHNICAL DATA

INDOOR REFRIGERATION SYSTEMS (CORD AND PLUG CONNECTED)

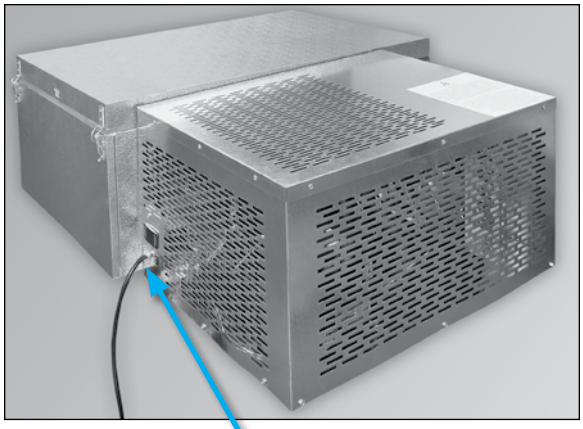
MODEL	REFRIGERANT	REFRIGERANT CHARGE (OZ)	ELECTRICAL	TOTAL SYSTEM AMPS	NEMA PLUG	AWEF	BTUH*	SHIP WT. (LB/KG)
CPB050PC-S-0	R290	5.25	115/60/1	6.9	5-15P	5.61	4100	192/87
CPB075PC-S-0	R290	9.5	115/60/1	11.4	5-20P	5.61	6700	214/97
CPB100PC-S-0	R290	10.5	115/60/1	15.3	5-20P	5.61	8800	257/117
CPF050PC-S-0	R290	5.25	115/60/1	6.9	5-15P	1.96	1600	197/89
CPF075PC-S-0	R290	9.5**	115/60/1	11.4	5-20P	2.07	2900	219/99
CPF100PC-S-0	R290	10.5***	115/60/1	15.3	5-20P	2.14	3600	262/119
CPF150PC-S-4	R290	10.5***	230/60/1	7.4	6-15P	2.21	4400	262/119

OUTDOOR REFRIGERATION SYSTEMS (CORD AND PLUG CONNECTED)

MODEL	REFRIGERANT	REFRIGERANT CHARGE (OZ)	ELECTRICAL	TOTAL SYSTEM AMPS	NEMA PLUG	AWEF	BTUH*	SHIP WT. (LB/KG)
CPB050PC-E-0	R290	5.25	115/60/1	6.9	5-15P	7.6	4100	206/93
CPB075PC-E-0	R290	9.5	115/60/1	11.4	5-20P	7.6	6700	228/103
CPB100PC-E-0	R290	10.5	115/60/1	15.3	5-20P	7.6	8800	271/123
CPF050PC-E-0	R290	5.25	115/60/1	6.9	5-15P	2.84	1600	211/95
CPF075PC-E-0	R290	9.5**	115/60/1	11.4	5-20P	2.91	2900	233/105
CPF100PC-E-0	R290	10.5***	115/60/1	15.3	5-20P	2.96	3600	276/125
CPF150PC-E-4	R290	10.5***	230/60/1	7.4	6-15P	3.01	4400	276/125

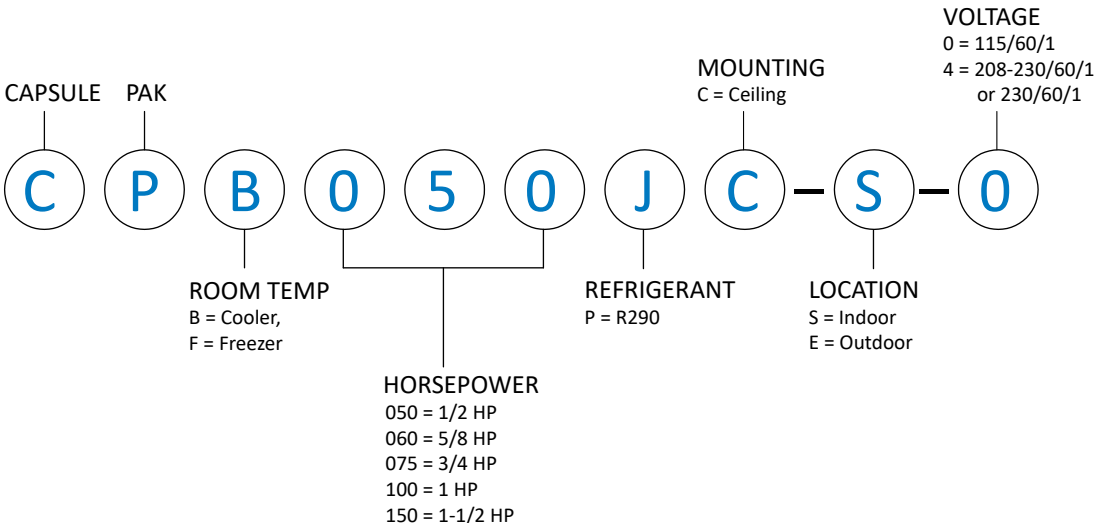
*BTUH calculated using 90°F ambient.
**Two compressors using 4.75 oz each.
***Two compressors using 5.25 oz each.

Note:
- Consult factory for application specifics, pricing and ship date availabilities.
- All Capsule Pak ECO systems require a single power supply.



9 ft. long power cord attached to condensing unit section

MODEL NUMBER GUIDE



STANDARD LOGITEMP® ELECTRONIC CONTROLLER SYSTEM

FOOD SAFETY

- More precise and reliable controls than an all-mechanical system for increased food safety
- Should there be an issue with the refrigeration system, operators will know instantly through error codes

INSTALLATION SAVINGS

- Controller is already installed on the Capsule Pak ECO™ refrigeration system so no additional installation is necessary