

Unit Specifications



BC-10 shown

Model	L	D	H	Pan Capacity 12" x 20" x 2.5"	HP	Volts/Hz/Ph	Circuit Ampacity	NEMA	BTU Requirements for Remote Installations	Ship Wt.
BC-3	27"	30"	35"	3	1/2	115/60/1	20	5-20P	5400 @ 20°F Evap Temp	320
BC-5	36"	34"	50"	5	3/4	115/60/1	20	5-20P	6600 @ 20°F Evap Temp	450
BC-5E	56"	34"	36"	5	3/4	115/60/1	20	5-20P	6600 @ 20°F Evap Temp	450
BC-10	36"	34"	75"	10	1.5	115/208- 230/60/1	20	4 wire direct 14-20P	12,100 @ 20°F Evap Temp	620
BC-10E	70"	34"	36"	10	1.5	115/208- 230/60/1	20	4 wire direct 14-20P	12,100 @ 20°F Evap Temp	550
BC-20	44"	34"	75"	20	(2) 1.5	115/208- 230/60/3	20	5 wire direct	24,200 @ 20°F Evap Temp	810

Unit Installation

SELECTING A LOCATION FOR YOUR NEW UNIT

The following conditions should be considered when selecting a location for your unit:

1. **Floor Load:** The area on which the unit will rest must be level, free of vibration, and suitably strong enough to support the combined weights of the unit plus the maximum product load weight. All casters or legs must be in contact with the floor to support the weight. Legs have adjustable feet that can be raised or lowered. Casters may require shims in order for the caster to be in contact with the floor.
NOTE: If there is a question pertaining to weight load limits, consult the factory at 1-800-621-8560.
2. **Clearance:** There must be a combined total of at least 3" clearance on all sides of the unit.
3. **Ventilation:** The air cooled self contained unit requires a sufficient amount of cool clean air. Avoid surrounding your blast chiller around other heat generating equipment and out of direct sunlight. Also, avoid locating in an unheated room or where the room temperature may drop below 55° F (13°C) or about 86°F (32°C).

INSTALLATION CHECKLIST

After the final location has been determined, refer to the following checklist prior to start-up:

1. Check all exposed refrigeration lines to ensure that they are not kinked, dented, or rubbing together.
2. Check that the condenser and evaporator fans rotate freely without striking any stationary members.
3. Turn on control once unit has been plugged in or properly wired direct (see page 15)
4. Allow unit time to cool down to holding temperature. (See page 10 for Unit Operation).
5. Refer to the front of this manual for serial number location. Please record this information in your manual on page 3 now. It will be necessary when ordering replacement parts or requesting warranty service.
6. Confirm that the unit is holding temperature.
7. Allow your unit to operate for approximately 30 minutes before putting in food to allow interior of unit to cool down to storage temperature.

NOTE: All motors are oiled and sealed.

NOTE: FAILURE TO FOLLOW INSTALLATION GUIDELINES AND RECOMMENDATIONS MAY VOID THE WARRANTY ON YOUR UNIT.

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ELECTRICAL SUPPLY: The wiring should be done by a qualified electrician in accordance with local electrical codes. A properly wired and grounded outlet will assure proper operation. Please consult the data tag attached to the compressor to ascertain the correct electrical requirements. Supply voltage and amperage requirements are located on the serial number tag located on the rear interior wall. .

NOTE: It is important that a voltage reading be made at the compressor motor electrical connections, while the unit is in operation to verify the correct voltage required by the compressor is being supplied. Low or high voltage can detrimentally affect operation and thereby void its warranty.

NOTE: it is important that your unit has its own dedicated line. Condensing units are designed to operate with a voltage fluctuation of plus or minus 10% of the voltage indicated on the unit data tag. Burn out of a condensing unit due to exceeding voltage limits will void the warranty.