

INSTALLATION INSTRUCTIONS

Polar King walk-in coolers and / or freezers are delivered to our customers fully assembled and require only a few basic procedures prior to start-up.

DO'S

- (1) Provide a level slab as required by your local building code. It is very important that the surface is level for proper drainage and operation. See Section 3 "Technical Information" for walk-through applications where walk-in unit is to be attached to the building.
- (2) Condensing unit on the top (or back) of the walk-in should be a minimum of 6 feet from any building intake or exhaust ventilation fans.
- (3) Keep an open area of at least 3 feet around condensing unit to assure that sufficient air ventilates across the compressor.
- (4) Make sure you have adequate electrical service for your particular unit.
- (5) Once walk-in is in place, a qualified electrician in accordance with the NEC and / or local electrical codes may then wire it. A wiring diagram is located on the backside of the electrical box panel on the condensing unit.
- (6) Loosen compressor-mounting bolts (if supplied).
- (7) Set the correct time of day on the defrost timer. This is necessary in order for the preset defrost to occur at the desired times.
- (8) If unit is delivered or sits idle in winter months, an external heat source should be applied to the compressor crankcase for 12 to 24 hours prior to start-up.
- (9) The unit is now ready for operation. (See sequence of operation; Section 5 "Operating Instructions")
- (10) Units are preset at the factory to automatically include four defrost cycles for a duration of 30 minutes each. Preset defrost cycles may be changed to accommodate different applications.

DON'TS

- (1) Do not physically alter any controls, switches, wires, or any device carrying an electrical current, without disconnecting power to the walk-in cooler and/or freezer.
- (2) The box temperature is preset at the factory to customer request. Temperature selection should not be adjusted up or down. If a different temperature is required, contact Polar King for proper procedure on changing the preset temperature.
- (3) When cleaning the inside of the unit with any liquid substance, turn off electrical power. **IMPORTANT: DO NOT USE BLEACH OR AMMONIA TO CLEAN INSIDE OF UNIT AS IT MAY CAUSE DAMAGE TO COIL SURFACE.**
- (4) **IMPORTANT: DO NOT DISCONNECT MAIN POWER SUPPLY WHILE COMPRESSOR IS RUNNING. DAMAGE MAY OCCUR IF COMPRESSOR IS NOT ALLOWED TO PUMP DOWN.**