
MAINTENANCE

RECOMMENDED ANNUAL MAINTENANCE

As part of a comprehensive maintenance plan, Polar King® recommends that the following service functions be performed at least once a year. (Heavy dust areas may require more frequent attention). It is also recommended that a qualified refrigeration technician perform this service.

1. Clean condenser coil.
2. Check unit for proper operation.
3. Check refrigerant charge.
4. Have condensate drain line checked and cleaned.
5. Have evaporator coil checked and cleaned with mild detergent.
6. Oil all electric motors in use.
7. Check cut-in and cut-out pressures.
8. Check for proper defrost cycle.
9. Check caulking around drain lines and any other through wall and roof penetrations. Reseal as necessary.

ELECTRICAL

CIRCUIT BREAKERS

All Polar King® coolers and freezers are equipped with circuit breakers. Circuit breakers must be in the "ON" position for the unit to operate.

DO NOT USE THE CIRCUIT BREAKERS AS AN ON-OFF SWITCH. Units must go through a "pump down" first or compressor damage may occur at start up.

Interior lights are prewired. No special connections are required; they are activated when system connections are made.

ALLOWABLE VOLTAGES

EXTREME ALLOWABLE VOLTAGE AT COMPRESSOR TERMINALS

	Nominal Voltage Range	Extreme Voltage Range
Single Phase – 60 HZ	230	207-253
Three Phase – 60 HZ	208-230	187-253
	460	414-506
	575	518-632

ELECTRICAL CONNECTIONS - SINGLE or THREE PHASE

WIRING INSTRUCTIONS

Control Panel is located at the condensing unit on top of the walk-in.

A hole may be drilled through the fiberglass condensing unit cover for incoming power.

Electrical hookup must comply with the National Electrical Code.

The installed control panel may or may not have a circuit breaker holder installed.