WARNING

HIGH VOLTAGE!
To avoid personal injury or death due to electrical shock, do not tamper with factory wiring. The internal power and control wiring of these units are factory-installed and have been thoroughly tested prior to shipment. Contact your local representative if assistance is required.

WARNING

HIGH VOLTAGE!
Prior to servicing the unit or removing the compressor terminal plug or terminal cover, disconnect all electrical power from the unit. Multiple power sources may be present.

WARNING

Do not operate the compressor(s) without the terminal plug fully engaged or the terminal cover properly installed. Get away if unusual sounds are heard from within the compressor disconnect electrical power from the compressor unit.

WARNING

A tripped circuit breaker or blown fuse may indicate that an electrical problem exists.
Do not reset a circuit breaker or replace fuses without first performing thorough electrical troubleshooting and testing procedures.

WARNING

Hermetic Compressor electrical terminal venting can be dangerous. In certain circumstances, the terminal may be expelled, venting the refrigerant vapor and compressor oil contained within the compressor housing and system. Be alert for sounds of arcing (sizzling, sputtering, or popping) inside the compressor. Immediately get away if you hear these sounds and disconnect electrical power from the compressor/unit.

Never operate the compressor without the terminal cover secured and properly in place or without the electrical plug fully seated and engaged to the terminal posts.

If a terminal is damaged, electrically overloaded, or short circuits to ground, there is a remote possibility that the terminal can be suddenly expelled from the terminal housing thereby venting the refrigerant and compressor oil mixture to atmosphere.

This discharge can be ignited from electrical arcing, or other open sources of ignition, and can cause potentially severe or fatal injury. This event is known as “Terminal Venting.”

To reduce the possibility of external ignition, all open flames or other heat sources must be extinguished, and all electrical power must be turned off prior to opening the terminal cover or removing the electrical plug and servicing the system.

Proper sealed system evacuation is required during servicing to maintain adequate internal system cleanliness while eliminating contaminates.

Be alert for sounds of arcing (sizzling, sputtering, or popping) inside the compressor. IMMEDIATELY GET AWAY from the unit if you hear these sounds and disconnect electrical power.

NOTE: Never operate the compressor in a vacuum or in reverse operation.

CAUTION

Conduit and fittings must be weather-tight to prevent water entry into the building.

For unit protection, use a fuse or HACR circuit breaker that is in excess of the circuit ampacity, but less than or equal to the maximum overcurrent protection device. DO NOT EXCEED THE MAXIMUM OVERCURRENT DEVICE SIZE SHOWN ON UNIT DATA PLATE.

All line voltage connections must be made through weatherproof fittings. All exterior power supply and ground wiring must be in approved weatherproof conduit.

The main power supply wiring to the unit and low voltage wiring to accessory controls must be done in accordance with these instructions and prevailing local electrical codes. (National Electrical Code, NFPA 70, or the Canadian Electrical Code, CSA C22.1, Part 1).

The unit is factory wired for the voltage shown on the unit’s data plate. Refer to model nomenclature in Appendix B for voltage requirement for your unit.

NOTE: If supply voltage is 208V, lead on primary of transformer(s) must be moved from the 230V to the 208V tap. Refer to wiring diagram on unit for details.