

LEGEND

- Factory Low voltage Wiring
- Factory Line Voltage Wiring
- - - Field Low voltage Wiring
- - - Field Line voltage Wiring
- Printed Circuit Trace
- - - Optional Wiring
- Optional Block
- Capacitor
- Circuit Breaker
- Condensate Pan
- Control Board Jumper
- FUSE
- Ground
- High Pressure Switch
- LED
- Low Pressure Switch
- Mate-N-Lock
- Multi Splice Connector
- * Optional
- Overload
- Relay contacts - N.C.
- Relay contacts - N.O.
- Relay / Contactor Coil
- Solenoid Coil
- Splice Cap
- Temperature Switch
- Thermistor
- Wire Nut

- NOTES:**
1. Compressor and Blower Motor thermally protected internally.
 2. All wiring to the unit must comply with NEC and local codes low voltage wiring shall be Class 2 or equivalent.
 3. Field Use Only: Transformer wiring is voltage sensitive. Use layout corresponding to the unit voltage.
 4. LT1 provides low temperature protection for WATER. When using ANTI-FREEZE solutions, cut JW3 jumper.
 5. Typical heat pump thermostat wiring shown. Refer to thermostat IOM for wiring to the unit. T-Stat wiring must be "Class 1" and voltage rating equal to or greater than unit supply voltage.
 6. 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1 for CXM/DXM Gen2 or JW4 DXM.
 7. Transformer Secondary Ground via control board standoffs and/or Common to Control Box.

HWG3. WSTAT is supplied with unit and must be wired in series with the hot leg to the pump. WSTAT is rated for voltage up to 277V.
MPC9. When MPC is used, refer to AUX. MPC WD for RED LED wiring

- ACO Automatic Change Over
- AL Alarm Relay Contacts
- CAP Capacitor
- CB Circuit Breaker
- CC Compressor Contactor
- CDT Compressor Discharge Temperature
- CR Compressor Relay
- CRC Compressor Run Capacitor
- CS Current Sensor
- CTS Cabinet Temperature Sensor
- DHW Domestic Hot Water
- DTS Discharge Temperature Switch
- EEV Electronic Expansion Valve
- ES End Switch
- ETC Electronic Temperature Control
- HP High Pressure Switch
- HPWS High Pressure Water Switch
- JW Jumper Wire
- LOR Lock Out Relay
- LP Low Pressure Switch
- LT1 Sensor, Low Temp Protection Source Coil (Heating)
- LT2 Sensor, Low Temp Protection Load Coil (Cooling)
- MCO Manual Change Over
- MOD Modulating Water Valve
- MSC Multi Splice Connector
- MWV Motorized Water Valve
- NLL Night Low Limit Switch
- PDB Power Distribution Block
- PR Pump Relay
- RVS Reversing Valve Solenoid
- SAC Start Assist Capacitor
- SEWT Source Entering Water Temp Sensor
- SLWT Source Leaving Water Temp Sensor
- TB Terminal Block
- TRANS Transformer
- UMT Unit Mounted Thermostat
- VSP Variable Speed Pump
- WSTAT Water Stat

