





























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 |

- | | |
|-------|---|
| 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 |

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. LTI 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

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FIELD WIRING WHEN DISCONNECT OPTION IS NOT PRESENT.

