

| Legend | |
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| | Factory Low 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 |
| ATS | Air Temperature Sensor |
| BM | Blower Motor |
| BMC | Blower Motor Capacitor |
| BR | Blower Relay |
| CAP | Capacitor |
| CB | Circuit Breaker |
| CC | Compressor Contactor |
| CDT | Compressor Discharge Temperature |
| CO | Condensate Overflow Sensor |
| CR | Compressor Relay |
| CRC | Compressor Run Capacitor |
| CS | Current Sensor |
| DHW | Domestic Hot Water |
| DM | Damper Motor |
| DTS | Discharge Temperature Switch |
| EEV | Electronic Expansion Valve |
| EHC | Electronic Heat Contactor |
| ES | End Switch |
| ETC | Electronic Temperature Control |
| EWI | Entering Water Temp Sensor |
| FSR | Fan Speed Relay |
| FSS | Fan Speed Switch |
| HP | High Pressure Switch |
| HPWS | High Pressure Water Switch |
| HR | Heating Relay |
| JW | Jumper Wire |
| LAT | Leaving Air Temperature |
| LOR | Lock Out Relay |
| LP | Low Pressure Switch |
| LT1 | Sensor, low temp protection, water coil |
| LT2 | Sensor, low temp protection, air coil |
| LWT | Leaving Water Temp Sensor |
| MCO | Manual Change Over |
| MOD | Modulating Water Valve |
| MS | Manual Starter |
| MSC | Multi Splice Connector |
| MWV | Motorized Water Valve |
| NLL | Night Low Limit Switch |
| PDB | Power Distribution Block |
| POT | Potentiometer |
| P1 | Field Wiring Terminal Block |
| PR | Pump Relay |
| RAS | Return Air Sensor |
| RVS | Reversing Valve Solenoid |
| SAC | Start Assist Capacitor |
| SAS | Supply Air Sensor |
| TB | Terminal Block |
| TRANS | Transformer |
| UMT | Unit Mounted Thermostat |
| VFD | Variable Frequency Drive |
| 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. 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.
- TST4. Bundle and zip-tie unused wires in TSTAT harness when wiring for communicating TSTAT.

