

LEGEND

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| | 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 |
| | 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 |

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|-------|---|
| AL | Alarm Relay Contacts |
| BM | Blower Motor |
| BMC | Blower Motor Capacitor |
| BR | Blower Relay |
| CAP | Capacitor |
| CB | Circuit Breaker |
| CC | Compressor Contactor |
| CO | Condensate Overflow Sensor |
| CR | Compressor Relay |
| CTB | Common Terminal Block |
| CS | Current Sensor |
| DHW | Domestic Hot Water |
| DM | Damper Motor |
| DTS | Discharge Temperature Switch |
| ES | End Switch |
| EWTS | Entering Water Temp Sensor |
| FP1 | Sensor, low temp protection, water coil |
| FP2 | Sensor, low temp protection, air coil |
| FSS | Fan Speed Switch |
| HP | High Pressure Switch |
| HPWS | High Pressure Water Switch |
| HR | Heating Relay |
| IAP | Ionization Air Purifier |
| JW | Jumper Wire |
| LAT | Leaving Air Temperature |
| LOC | Loss of Charge Pressure Switch |
| LOR | Lock Out Relay |
| LP | Low Pressure Switch |
| LT1 | Sensor, low temp protection, water coil |
| LT2 | Sensor, low temp protection, air coil |
| LWTS | Leaving Water Temp Sensor |
| MOD | Modulating Water Valve |
| MS | Manual Starter |
| MSC | Multi Splice Connector |
| MWV | Motorized Water Valve |
| PB | Power Terminal Block |
| PDB | Power Distribution Block |
| POT | Potentiometer |
| P1 | Field Wiring Terminal Block |
| RAS | Return Air Sensor |
| RVS | Reversing Valve Solenoid |
| SAC | Start Assist Capacitor |
| TB | Terminal Block |
| TRANS | Transformer |
| TS | Terminal Strip |
| UMT | Unit Mounted Thermostat |

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. 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 CXM/DXM board standoff and screws to Control Box.

ECO1. For field installed ECONOMIZER OPTION, remove provided 9 pin male jumper plug and connect to Economizer Harness.

MOA1. For Motorized Outside Air option the standard jumper plug will be replaced with the MO option plug depicted.

PMP3. 460 volt units with Internal Secondary or Circulating Pump for ClimaDry option requires neutral wiring.

