

- 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
 - 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

- 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
- DM Damper Motor
- DTS Discharge Temperature Switch
- ES End Switch
- EWT Entering Wire Temperature
- 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
- IAP Ionization Air Purifier
- JW Jumper Wire
- LAT Leaving Air Temperature
- LOC Loss of Charge Pressure Switch
- LWT Leaving Water Temperature
- MS Manual Starter
- MSC Multi Splice Connector
- PB Power Terminal Block
- P1 Field Wiring Terminal Block
- RAS Return Air Sensor
- RVS Reversing Valve Solenoid
- SAC Start Assist Capacitor
- TPS Thermal Protection Switch
- Trans Transformer
- UMT Unit Mounted Thermostat
- MOD Modulating Water Valve
- MWV Motorized Water Valve

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 the layout corresponding to the unit voltage. For 208/230 volt units, the factory default is 208V. For 380/420V operation the factory default is 380V.
4. FP1 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 standoffs and screws to Control Box.

BM5. For dual point power option, (QTY.3X) blower wires will go to PDB2 only.

HUM1. Refer to HUMIDISTAT Installation application, and Operation Manual For Control Wiring to the unit.

HUM2. Dehumidstat Operation (24 VAC at H) DIP 2.1 Off, DIP 2.2 On, DIP 2.3 Off, DIP 2.5 On.
Humidistat Operation (0 VAC at H) DIP 2.1 Off, DIP 2.2 Off, DIP 2.3 Off, DIP 2.5 On.

POT1. Remove Jumper Wire and Connect wires for Potentiometer Accessory Option Place Potentiometer Label Before Knob Installation.

