

| 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                    |
| ATS    | Air Temperature Sensor                  |
| BM     | Blower Motor                            |
| BMC    | Blower Motor Capacitor                  |
| BR     | Blower Relay / Blower Contactor         |
| 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          |
| EWT    | 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:
- Compressor and Blower Motor thermally protected internally.
  - All wiring to the unit must comply with NEC and local codes  
low voltage wiring shall be Class 2 or equivalent.
  - Field Use Only: Transformer wiring is voltage sensitive. Use layout corresponding to the unit voltage.
  - LT1 provides low temperature protection for WATER. When using ANTI-FREEZE solutions, cut JW3 jumper.
  - 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.
  - 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1 for CXM/DXM Gen2 or JW4 DXM.
  - Transformer Secondary Ground via control board standoffs and/or Common to Control Box.

