

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
- Thermostat
- Wire Nut

- 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 308/420V 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/DXMI Gen2 or JW4 DXMI.
 7. Transformer Secondary Ground via CXM/DXMI board standoffs and screws to Control Box.
- HWG3. AQUA STAT is supplied with unit and must be wired in series with the hot leg to the pump. Aqua stat is rated for voltage up to 277V.
- MPC1. Factory cut JW1 (CXM) or JW4 (DXMI) jumper. Dry Contact will be available between AL1 and AL2.
- MPC2. Refer to MPC Installation application, and Operation Manual For Control Wiring
- MPC3. ASW sensors are not required on Water-Water application. ASW06-ASW08 (Water-Air Only) move jumper to LSTAT. ASW13-ASW15 move jumper to Rnet. MWV1. Wire from "Y1" on TSTAT/MPC/LON to "Y" on control board when MWV is not used.

ECM BOARD DIP SWITCH SETTINGS

SPD	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
COOL	ON	ON	ON	ON	ON	ON	ON	ON
HEAT	ON	ON	ON	ON	ON	ON	ON	ON
EH	ON	ON	ON	ON	ON	ON	ON	ON
TEST	ON	ON	ON	ON	ON	ON	ON	ON
DEHUM	ON	ON	ON	ON	ON	ON	ON	ON
NORM	ON	ON	ON	ON	ON	ON	ON	ON
DH	ON	ON	ON	ON	ON	ON	ON	ON

