

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

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.
- 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 CXM/DXM board standoffs and screws to Control Box.

HWG3. WSTAT is supplied with unit and must be wired in series with the hot leg to the pump. WSTAT is rated for voltage up to 277V.

MPC2. Refer to MPC Installation application, and Operation Manual For Control Wiring to the unit.

MPC3. ASW sensors are not required on Water-Water application. ASW006, ASW008 and ASW022 (Water-Air Only) move jumper to LSTAT, ASW016-ASW018 move jumper to Rnet.

MPC8. Factory cut JW1 jumper. Dry Contact will be available between AL1 and AL2

ECM BOARD DIP SWITCH SETTINGS

COOL			CFM			CFM			HEAT			EH			CFM		
SPD	SW1	SW2	SPD	SW3	SW4	SPD	SW5	SW6	SPD	SW7	SW8	SPD	SW9	SW10	SPD	SW11	SW12
1	ON	ON	1	ON	ON	1	ON	ON	1	ON	ON	TEST	ON	ON	1	ON	ON
2	ON	OFF	2	ON	OFF	2	ON	OFF	2	ON	OFF	-	ON	OFF	2	ON	OFF
3	OFF	ON	3	OFF	ON	3	OFF	ON	3	OFF	ON	+	OFF	ON	3	OFF	ON
4	OFF	OFF	4	OFF	OFF	4	OFF	OFF	4	OFF	OFF	NORM	OFF	OFF	4	OFF	OFF

DEHUM		UNUSED		UNUSED		UNUSED	
SW9	ON	SW10	ON	SW11	ON	SW12	ON
OFF	DH	OFF	OFF	OFF	OFF		