

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
CB	Capacitor
CC	Circuit Breaker
CO	Compressor Contactor
CR	Compressor Over/low Sensor
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
HPA	High Pump Ambient Temp Switch
HPWS	High Pressure Water Switch
HR	Heating Relay
JW	Jumper Wire
LAT	Leaving Air Temperature
LOC	Lock of Charge Pressure Switch
LOK	Lock Out Relay
LP	Low Pressure Switch
LVTB	Low Voltage Terminal Block
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
PR	Pump Relay
RAS	Return Air Sensor
RVS	Reversing Valve Solenoid
SAC	Start Assist Capacitor
SAS	Supply Air Sensor
TB	Terminal Block
TRANS	Transformer
TS	Terminal Strip
UMT	Unit Mounted Thermostat

- 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 is wired for 460V operation. Connect to 480V terminal on transformer.
  - FP1 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 DXM1.
  - Transformer Secondary Ground via CXM/DXM board standoffs and screws to Control Box.

- ECM1. For ECM Blower Motor air flow adjustment and diagnostic information refer to IOM.  
 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.  
 HUM1. Refer to HUMIDISTAT Installation application, and Operation Manual For Control Wiring to the unit.  
 HUM2. Dehumidistat 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.  
 MPC1. Factory cut JW1 (CXM) or JW4 (DXM) jumper. Dry Contact will be available between AL1 and AL2.  
 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. ASW06-ASW08 (Water-Air Only) move jumper to LSTAT. ASW13-ASW15 move jumper to Rnet.  
 POT1. Remove Jumper Wire and Connect wires for Potentiometer Accessory Option Place Potentiometer Label Before Knob Installation.

