

AL	Alarm Relay Contacts
BM	Blower Motor
BMC	Blower Motor Capacitor
BR	Blower Relay
CAP	Capacitor
CB	Circuit Breaker
CC	Compressor Contractor
CO	Condensate Overflow Sensor
CR	Compressor Relay
CTB	Common Terminal Block
CS	Current Sensor
DHW	Domestic Hot Water
DISC	Disconnect
DM	Damper Motor
DTS	Discharge Temperature Switch
ES	End Switch
EWTS	Entering Water Temp Sensor
LT1	Sensor, low temp protection, water coil
LT2	Sensor, low temp protection, air coil
FSS	Fan Speed Switch
HP	High Pressure Switch
HPWS	High Pressure Water Switch
HR	Heating Relay
IAP	Ionization Air Purifier
JW	Jumper Wire
LA-T	Leaving Air Temperature
LP	Low Pressure Switch
LOR	Lock Out Relay
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
RAS	Return Air Sensor
RVS	Reversing Valve Solenoid
SAC	Start Assist Capacitor
TB	Terminal Block
TRANS	Transformer
TS	Terminal Strip
UMT	Unit Mounted Thermostat

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 layout corresponding to the unit voltage.
4. LT1 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.

BM1. Fan motors factory wired for Medium Speed. For High or Low speed remove BLU wire from fan motor speed tap 'M' and connect to 'H' for High or 'L' for Low

HWG1. HWG and Heat Exchanger Pump only in models with Hot Water Generator option. Factory default temperature setting is 125° F, for 150° F setting Anti-Scald Valve must be used. See unit IOM for instructions.

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 (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.

SAC2. Use start assist capacitor only on unit size 015-018.

