






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

ACOAutomatic Change Over

ALAlarm Relay Contacts

ATSAir Temperature Sensor

BMBlower Motor

BMCBlower Motor Capacitor

BRBlower Relay / Blower Contactor

CAPCapacitor

CBCircuit Breaker

CCCompressor Contactor

CDTCompressor Discharge Temperature

COCondensate Overflow Sensor

CRCompressor Relay

CRCCompressor Run Capacitor

CSCurrent Sensor

DHWDomestic Hot Water

DMDamper Motor

DTSDischarge Temperature Switch

EEVElectronic Expansion Valve

EHCElectronic Heat Contactor

ESEnd Switch

ETCElectronic Temperature Control

EWTEntering Water Temp Sensor

FSRFan Speed Relay

FSSFan Speed Switch

HPHigh Pressure Switch

HPWSHigh Pressure Water Switch

HRHeating Relay

JWJumper Wire

LATLeaving Air Temperature

LORLock Out Relay

LPLow Pressure Switch

LT1Sensor, low temp protection, water coil

LT2Sensor, low temp protection, air coil

LWTLeaving Water Temp Sensor

MCOManual Change Over

MODModulating Water Valve

MSManual Starter

MSCMulti Splice Connector

MWVMotorized Water Valve

NLLNight Low Limit Switch

PDBPower Distribution Block

POTPotentiometer

P1Field Wiring Terminal Block

PRPump Relay

RASReturn Air Sensor

RVSReversing Valve Solenoid

SACStart Assist Capacitor

SASSupply Air Sensor

TBTerminal Block

TRANSTransformer

UMTUnit Mounted Thermostat

VFDVariable Frequency Drive

VSPVariable Speed Pump

WSTATWater Stat

- 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. Field Use Only: 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 control board standoff's and/or Common to Control Box.

