

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

ACO	Automatic Change Over
AL	Alarm Relay Contacts
ATS	Air Temperature Sensor
BM	Blower Motor
BMC	Blower Motor Capacitor
BR	Blower Relay / Blower Contactor
CAP	Capacitor
CB	Circuit Breaker
CC	Compressor Contactor
CDT	Compressor Discharge Temperature
CO	Condensate Overflow Sensor
CR	Compressor Relay
CRC	Compressor Run Capacitor
CS	Current Sensor
DHW	Domestic Hot Water
DM	Damper Motor
DTS	Discharge Temperature Switch
EEV	Electronic Expansion Valve
EHC	Electronic Heat Contactor
ES	End Switch
ETC	Electronic Temperature Control
EWT	Entering Water Temp Sensor
FSR	Fan Speed Relay
FSS	Fan Speed Switch
HP	High Pressure Switch
HPWS	High Pressure Water Switch
HR	Heating Relay
JW	Jumper Wire
LAT	Leaving Air Temperature
LOR	Lock Out Relay
LP	Low Pressure Switch
LT1	Sensor, low temp protection, water coil
LT2	Sensor, low temp protection, air coil
LWT	Leaving Water Temp Sensor
MCO	Manual Change Over
MOD	Modulating Water Valve
MS	Manual Starter
MSC	Multi Splice Connector
MWV	Motorized Water Valve
NLL	Night Low Limit Switch
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
UMT	Unit Mounted Thermostat
VFD	Variable Frequency Drive
VSP	Variable Speed Pump
WSTAT	Water Stat

NOTES:

1. All wiring to the unit must comply with NEC and local codes  
low voltage wiring shall be Class 2 or equivalent.

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

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

LON7. LON OC ribbon cable connects to unmarked LOC port on MPC.

