

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

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. Transformer wiring is voltage sensitive. Use layout corresponding to the unit voltage. For 208/230V Transformer will be connected for 208V operation. For 230V operation, disconnect BLK lead at Transf (208V) and attach Transf (230V). For 265/277V operation, Transformer will be connected to 265/277V. For 115V operation, Transformer will be connected to 115V.
4. FP1 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.

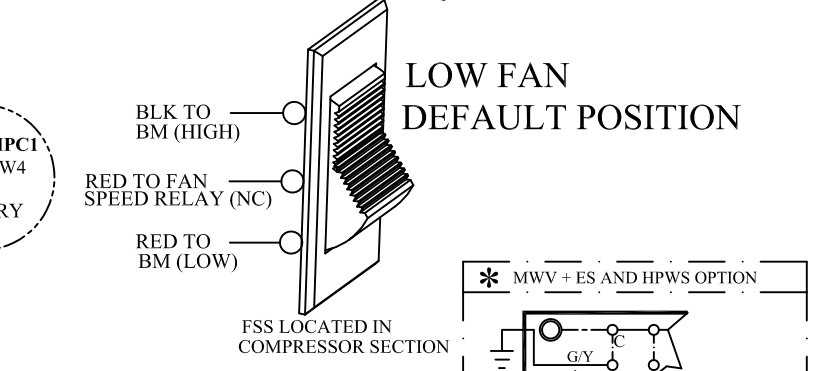
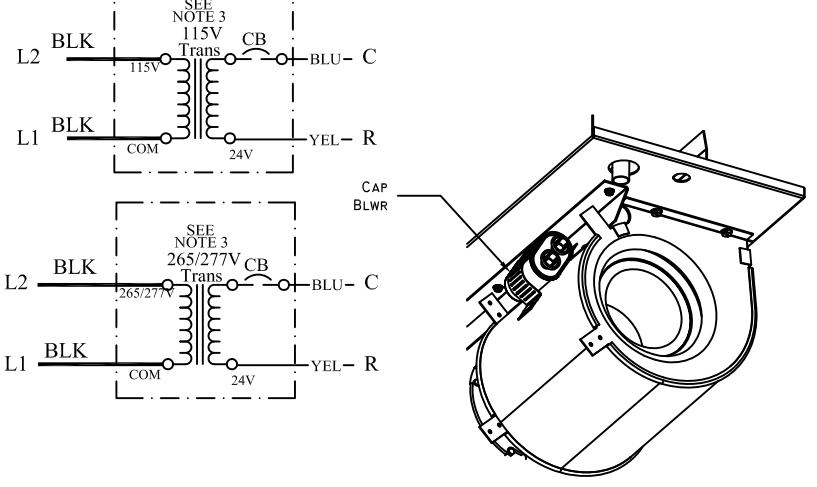
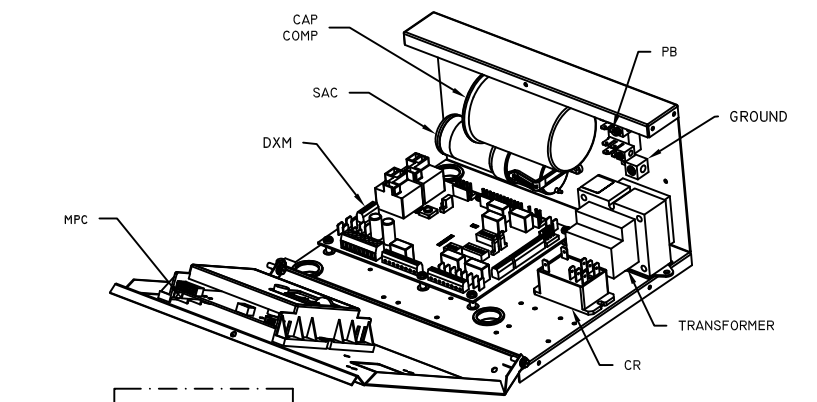
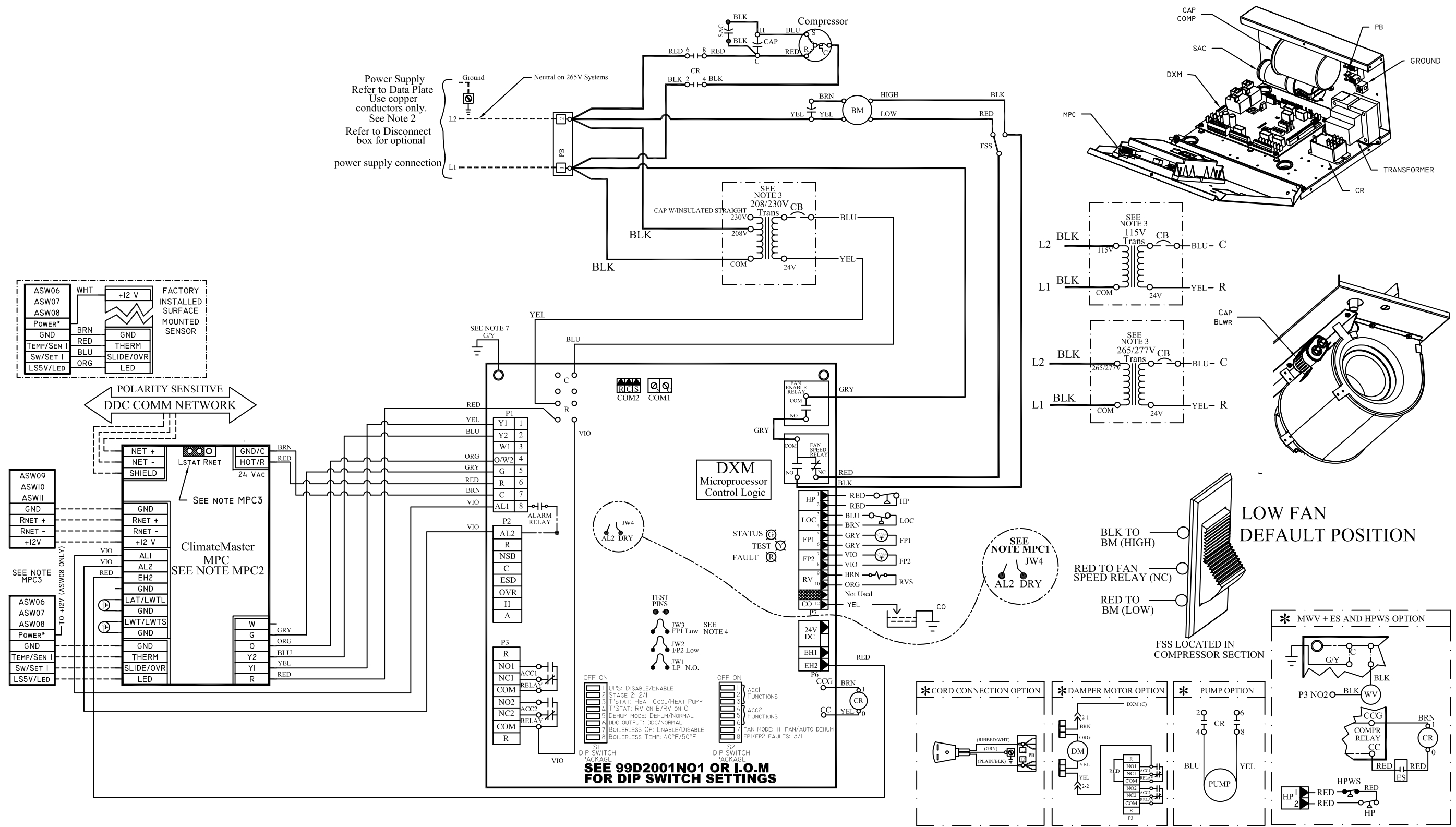
6. 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1 for CXM/DXM Gen2 or JW4 DXM.
7. Transformer Secondary Ground via CXM/DXM board standoffs and screws to Control Box.

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, ASW09-ASW11 move jumper to RNET.

- 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
- 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
- HPWS High Pressure Water Switch
- HR Heating Relay
- JW Jumper Wire
- LAT Leaving Air Temperature
- LOC Loss of Charge 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



SEE 99D2001N01 OR I.O.M FOR DIP SWITCH SETTINGS

DIP SWITCH PACKAGE S1

- 1 UPS: DISABLE/ENABLE
- 2 STAGE 2: 2/1
- 3 T*STAT: HEAT COOL/HEAT PUMP
- 4 DEHUM MODE: DEHUM/NORMAL
- 5 DDC OUTPUT: DDC/NORMAL
- 6 BOILERLESS OP: ENABLE/DISABLE
- 7 BOILERLESS TEMP: 40°F/50°F

DIP SWITCH PACKAGE S2

- 1 ACC1 FUNCTIONS
- 2 ACC2 FUNCTIONS
- 3 FAN MODE: HI FAN/AUTO DEHUM
- 4 FPI/FP2 FAULTS: 3/1

