




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

- 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.

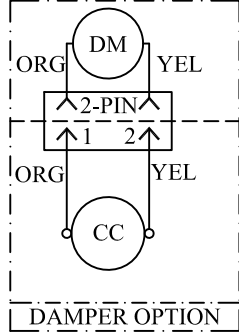
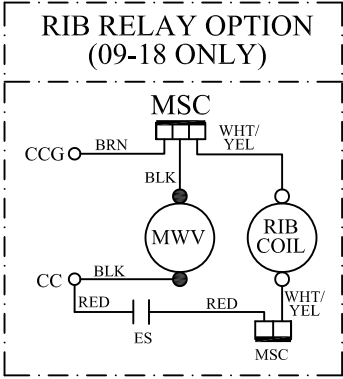
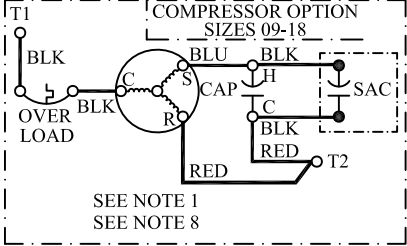
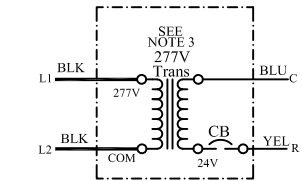
4. LT1 provides low temperature protection for WATER. When using ANTI-FREEZE solutions, cut JW3 jumper.

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 standoffs and/or Common to Control Box.

8. SAC is factory provided for R410A chassis but not for R454B chassis.



CONTROL BOX LAYOUT

