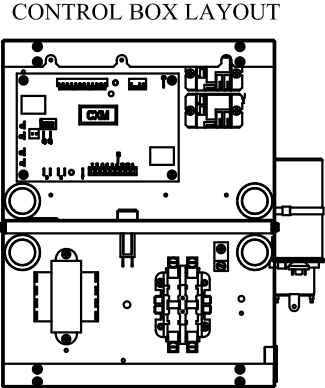


NOTES:

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.



CABINET

Power Supply Section:

- Input: G/Y (Ground), BLK (Line), RED (Neutral).
- Breakers: DISC* (Optional), BREAKER* "G" (208-230V), BREAKER* "E" (265V).
- Terminals: TB 2 (T1, T2), TB 1 (L1, L2).
- Grounding: GROUND, NEUTRAL ON 265V SYSTEM.

Control Signals Section:

- 9-PIN Plug (Top): BLK, VIO, BRN, RED, GRY, ORG, WHT, BLU, YEL.
- 9-PIN Plug (Bottom): BLK, VIO, BRN, RED, GRY, ORG, WHT, BLU, YEL.
- CHASSIS BRACKET: 3-PIN Plug (1, 2, 3), 4-PIN Plug (1, 2, 3, 4).

Compressor and Relay Section:

- Compressor: 24-36, SEE NOTE 1.
- Relays: BR2 (NO, NC), BR1 (COM, NO), MWV RELAY (COM, N.C.), RIB RELAY (L1, L2), MSC2.
- Wiring: BLK, RED, WHT, BLU, YEL, GRY, BRN, VIO, ORG.

Microprocessor Control Logic Section:

- Test Pins: BR, BRG, CCG, CC.
- HPWS, LOC, FP1, FP2, RV, CO, HP, LP, LT1, LT2, RVS, CO.
- 24V DC, EH1, EH2.
- Status LED, Alarm Relay (JW1).
- Dip Switch: 1 (UPS: DISABLED/ENABLED), 2 (STAGE2: 2/1), 3 (NOT USED), 4 (DDC OUTPUT: DDC/NORMAL), 5 (FP 1/FP 2 FAULTS: 3/1).
- SEE NOTE 4, SEE NOTE 6.

Optional Components:

- RIB RELAY OPTION (09-18 ONLY): TB 3 (L1, L2), MSC2, RIB, GRY, BRN, BLK, ORG.
- COMPRESSOR OPTION TSM09-18: T1, T2, BLK, RED, WHT, BLU, YEL, GRY, ORG, VIO, BRN, RED, WHT, BLU, YEL.

Notes:

- SEE NOTE 5: TSTAT ACO, TSTAT MCO, CO, YEL.
- SEE NOTE 3: 208/240V Trans, 240V, 208V, 24V, COM, CB.
- SEE NOTE 1: TB 3 (L1 & L2) WILL TAKE PLACE OF CC (L1 & L2).
- SEE NOTE 1: COMPRESSOR OPTION TSM09-18.
- SEE I.O.M. FOR DIP SWITCH DEFINITIONS.