

TITLE: H/V/D 208-230/60/1, 265/60/1 & 220-240/50/1 CXM PSC COMMERCIAL

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:

- Compressor and Blower Motor thermally protected internally.
- All wiring to the unit must comply with NEC and local codes low voltage wiring shall be Class 2 or equivalent.
- Transformer wiring is voltage sensitive. Use layout corresponding to the unit voltage.
- LT1 provides low temperature protection for WATER. When using ANTI-FREEZE solutions, cut JW3 jumper.
- 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.
- 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1 for CXM/DXM Gen2 or JW4 DXM.
- Transformer Secondary Ground via CXM/DXM board standoffs and screws to Control Box.

BM1. Fan motors factory wired for Medium Speed. For High or Low speed remove BLU wire from fan motor speed tap 'M' and connect to 'H' for High or 'L' for Low

HWG3. WSTAT is supplied with unit and must be wired in series with the hot leg to the pump. WSTAT is rated for voltage up to 277V.

SAC1. Use Start Assist Capacitor only on unit size 006-012.

Refer to Data Plate Power Supply. Use copper conductors only.

NEUTRAL ON 265V SYSTEM

SEE NOTE BM1

SEE NOTE 7.

SEE NOTE 4

SEE NOTE 5 TYPICAL HEAT PUMP T-STAT

SEE NOTE 6 FOR DRY ALARM CONTACT

SEE I.O.M FOR DIP SWITCH DEFINITIONS

Test Pins

HP 1 RED HP

HP 2 RED HP

LP 3 BLU LP

LP 4 BLU LP

FP1 5 GRY LT1

FP1 6 GRY LT1

FP2 7 VIO LT2

FP2 8 VIO LT2

RV 9 BRN RV

RV 10 ORG RV

CO11 YEL CO

CO12 YEL CO

P2 24V DC

EH1

EH2

CO P3

220 / 240V TRANSFORMER

277V TRANSFORMER

OPTIONAL FOR UNITS EQUIPPED WITH HPWS

Control Box Layout