

**TITLE:** H/V\_006-012 208-230,265/60/1 DXM2 LON WSE PSC

**PCN:** 19-0192    **DATE:** 7/02/19    **DRAWING NO.** 96B0476N02    **REV** -

**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 control board standoffs and/or Common to Control Box.

BM8. Blower motor is factor wired for medium & high speeds. For any other combination of speeds, at the motor attach the black wire to the higher of the two desired speed taps, and the blue wire to the lower of the two desired speed taps.

LON1. Refer to LON, OR TSTAT Installation, Application, and Operation Manual for control wiring to the unit.

LON2. Optional LON wires. Only connect if LON connection is desired at the wall sensor.

LON6. Factory cut JW1 jumper. Dry Contact will be available between AL1 and AL2.

**POWER SUPPLY**  
REFER TO DATA PLATE  
USE COPPER CONDUCTORS ONLY.  
SEE NOTE 2

NEUTRAL ON 265 V SYSTEM

IAP ALARM TB MSC2(1) MSC2(2) MSC2(3) MSC2(4)

(BLOWER HOUSING) IAP

AL2I TB3 (+) BIN (-) COM (+) SEN

TBI LN TB2 LC LNO LNC

ORG YEL BRN RED

ASW03 DIGITAL WALL SENSOR SEE NOTE 5

SENSOR SUPPLY AIR TEMP SENSOR-LEAVING WATER TEMP

LON CONTROLLER SEE NOTE LON1

COM UI1 COM UI2

R X R X Y X G

N01 C1 N02 C2 N03 C3 N04 C4

RED BRN BRN RED BLU RED RED GRAY

MSC5(1) MSC5(2)

P2 P3 P4 P5 P6 P7 P8

Y1 Y2 WI O/W2 G R C ALI

1 2 3 4 COMM:SLAVE/MASTER HWG:NORM/TEST HWG SP:125/150 HWG-DISABLE/ENABLE

UPS: DISABLE/ENABLE UNIT STAGE: 2/I T'STAT: HEAT COOL/HEAT PUMP RV ON B/RV ON O DEHUMID/NORMAL NOT USED BOILERLESS: ENABLE/DISABLE BOILERLESS: 40°F/50°F

ACC1 ACC2

DISC<sup>®</sup> GRN CB Trans SAC

EHT EHT2 CC CC

BMC BRN BM BLK BLU

COMPRESSOR

G/Y

OPTIONAL DISCONNECT

TRANS 208/230 TRANS 265/277V

CB

K1 RELAY K2 RELAY

HP LP LT1 LT2 RV RVS

JW3 JT1

STATUS FAULT

PIII PI0 PI4

A0-1 A0-2 T1 T2 T3 T4 T5 T6

CDT

SEE NOTE 7

SEE NOTE 3

SEE NOTE 5

SEE NOTE 4

SEE NOTE 6

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