TITLE:	PCN:	DATE:	DRAWING NO:	REV:
SPLIT INDOOR 026-064 208-230/60/1 DISTRIBUTOR	09-0234	6/9/09	96B0005N27	B

LEGEND

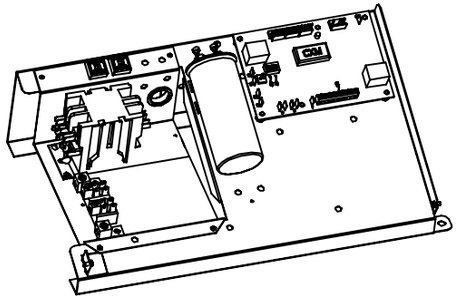
- FACTORY LOW VOLTAGE WIRING
- FACTORY LINE VOLTAGE WIRING
- FIELD LOW VOLTAGE WIRING
- FIELD LINE VOLTAGE WIRING
- OPTION BLOCK
- DC VOLTAGE / PCB TRACES
- RELAY / CONTACTOR COIL
- WIRE NUT
- FEILD WIRE LUG
- CIRCUIT BREAKER
- CONDENSATE PAN
- RELAY CONTACTS - N.O.
- RELAY CONTACTS - N.C.
- OPTION JUMPER - FIELD CLIPPED
- TEST PINS
- GROUND

ASTAT	AQUA STAT
BR	BLOWER RELAY
CB	CIRCUIT BREAKER
CC	COMPRESSOR CONTACTOR
CO	SENSOR CONDENSATE OVERFLOW
DTS	DISCHARGE TEMP SWITCH
ERI THRU 4	ELECTRIC HEAT RELAYS
FAN	PSC FAN MOTOR
FPI & 2	WATER & ANTI-FREEZE PROTECTOR
HEI THRU 4	HEATING ELEMENTS
JWI	CLIPPABEL FIELD SELECTION JUMPER
HP	HIGH PRESSURE SWITCH
LOC	LOSS OF CHARGE PRESSURE SWITCH
PBI, PB2	PUMP POWER TERMINAL BLOCKS
RV	REVERSING VALVE COIL
SWI	DIP SWITCH , 2 POSITION
TSI THRU 4	THERMAL SWITCH
TRANS	TRANSFORMER

NOTES:

1. COMPRESSOR THERMALLY PROTECTED INTERNALLY.
2. ALL WIRING TO THE UNIT MUST COMPLY WITH NEC AND LOCAL CODES.
3. FP2 WIRING:
   A. CLIP V10 WIRE LOOP AT X .
   B. INSTALL FP2 THERMISTOR (SHIPPED WITH UNIT) IN THE AIR HANDLING SECTION ON COPPER TUBE BETWEEN DISTRIBUTOR & EXPANSION VALVE.
   C. WIRE V10 LEADS FROM FP2 TO V10 LEADS CLIPPED IN 'X' AS SHOWN.
4. FPI THERMISTER PROVIDES FREEZE PROTECTION FOR WATER. WHEN USING ANTI-FREEZE SOLUTIONS, CUT JW3 JUMPER.
5. CHECK INSTALLATION WIRING INFORMATION FOR SPECIFIC THERMOSTAT HOOKUP REFER TO THERMOSTAT INSTALLATION INSTRUCTIONS FOR WIRING TO THE UNIT. T-STAT WIRING MUST BE "CLASS I" AND VOLTAGE RATING EQUAL TO OR GREATER THAN UNIT SUPPLY VOLTAGE.
6. 24V ALARM SIGNAL SHOWN. FOR DRY ALARM CONTACT, CUT JWI JUMPER AND DRY CONTACT WILL BE AVAILABLE BETWEEN ALI AND AL2.
7. SECONDARY GROUND VIA CXM BOARD STANDOFFS & SCREWS TO CONTROL BOX. (GROUND AVAILABLE FROM TOP TWO STANDOFFS AS SHOWN.)
8. HWG PUMP ONLY IN MODELS WITH HOT WATER GENERATION AND INTERNAL PUMP OPTION.
9. Y2 MUST BE WIRED TO SOLENOID FOR TWO STAGE UNIT TO OPERATE PROPERLY.

CONTROL BOX LAYOUT



CXM CONTROLLER FAULT CODES

DESCRIPTION OF OPERATION	LED	ALARM RELAY
NORMAL MODE	ON	OPEN
NORMAL MODE W/ UPS WARNING	ON	CYCLE (CLOSED 5 SEC. OPEN 25 SEC.)
CXM IS NON-FUNCTIONAL	OFF	OPEN
FAULT RETRY	SLOW FLASH	OPEN
LOCKOUT	FAST FLASH	CLOSED
OVER/UNDER VOLTAGE SHUTDOWN	SLOW FLASH	OPEN (CLOSED AFTER 15 MIN.)
TEST MODE-NO FAULT IN MEMORY	FLASHING CODE 1	CYCLING CODE 1
TEST MODE-HP FAULT IN MEMORY	FLASHING CODE 2	CYCLING CODE 2
TEST MODE-LP FAULT IN MEMORY	FLASHING CODE 3	CYCLING CODE 3
TEST MODE-FPI FAULT IN MEMORY	FLASHING CODE 4	CYCLING CODE 4
TEST MODE FP2-FAULT IN MEMORY	FLASHING CODE 5	CYCLING CODE 5
TEST MODE-CO FAULT IN MEMORY	FLASHING CODE 6	CYCLING CODE 6
TEST MODE-OVER/UNDER SHUTDOWN IN MEMORY	FLASHING CODE 7	CYCLING CODE 7
TEST MODE-UPS IN MEMORY	FLASHING CODE 8	CYCLING CODE 8
SWAPPED FPI/FP2 LOCKOUT	FLASHING CODE 9	CYCLING CODE 9