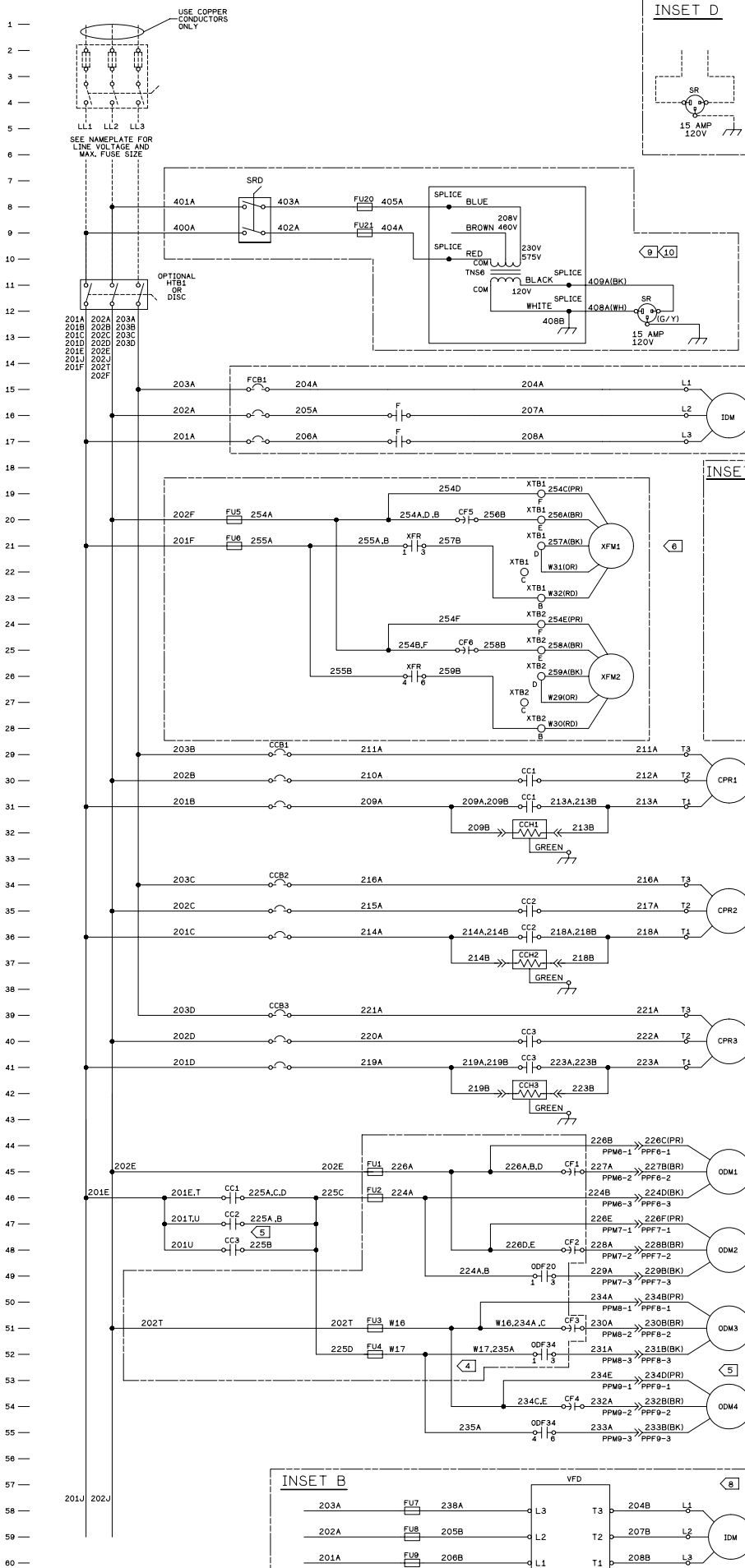
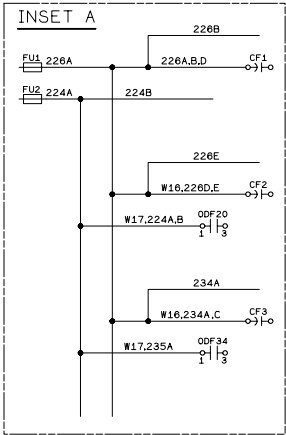
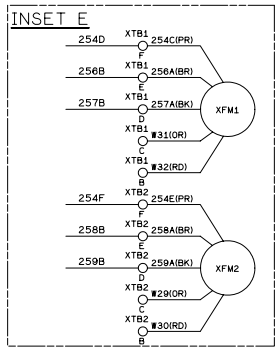


* * * L E G E N D * * *		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
BPS	BYPASS SWITCH	60
CB1	COMPR. CIRCUIT BREAKER #1	29
CB2	COMPR. CIRCUIT BREAKER #2	34
CB3	COMPR. CIRCUIT BREAKER #3	39
CH1	COMPR CRANKCASE HEATER #1	32
CH2	COMPR CRANKCASE HEATER #2	37
CH3	COMPR CRANKCASE HEATER #3	42
CF1	OUTDOOR MOTOR CAPACITOR	21.45
CF2	OUTDOOR MOTOR CAPACITOR	25.48
CF3	OUTDOOR MOTOR CAPACITOR	29.51
CF4	OUTDOOR MOTOR CAPACITOR	54
CF5	EXHAUST FAN CAPACITOR	20
CF6	EXHAUST FAN CAPACITOR	25
CPR1	COMPRESSOR 1	30
CPR2	COMPRESSOR 2	35
CPR3	COMPRESSOR 3	40
DISC	MANUAL DISCONNECT SWITCH	11
FCB1	FAN CIRCUIT BREAKER #1	11
FU1	OUTDOOR FAN FUSE	21.45
FU2	OUTDOOR FAN FUSE	22.46
FU3	OUTDOOR FAN FUSE	51
FU4	OUTDOOR FAN FUSE	54
FU5	EXHAUST FAN FUSE	20
FU6	EXHAUST FAN FUSE	21
FU7	VAR FREQUENCY DRIVE FUSE	58
FU8	VAR FREQUENCY DRIVE FUSE	59
FU9	VAR FREQUENCY DRIVE FUSE	60
FU10	SERVICE RECEPTACLE FUSE	9
FU21	SERVICE RECEPTACLE FUSE	9
HTB1	HIGH VOLT TERMINAL BLOCK	11
IDM	INDOOR FAN MOTOR	48.52
ODM1	OUTDOOR FAN MOTOR	45
ODM2	OUTDOOR FAN MOTOR	45
ODM3	OUTDOOR FAN MOTOR	51
ODM4	OUTDOOR FAN MOTOR	54
SR	SERVICE RECEPTACLE-GFCI	4.12
SRD	SERVICE RECEPTACLE DISC.	8
THS8	SERVICE RECEPTACLE XFMR	10
VFD	VARIABLE FREQUENCY DRIVE	56.57
XF1	EXHAUST FAN MOTOR #1	21.21
XF2	EXHAUST FAN MOTOR #2	26.26



- 1 UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F) AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY, WITH ALL UTILITIES TURNED OFF. NO AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- 2 DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES ARE FOR DASHED OR UNRECOMMENDED COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE UTILITIES OR AVAILABLE OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
- 3 NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD AT THE LINE NUMBER POINTING UPWARD INDICATES A TIGHT CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.
- 4 WIRING OF ODM1-2,3 AND 4 SHOWN IS FOR 208-230VOLT. SEE INSET A FOR 380-575 VOLT UNITS.
- 5 CC3, CB3, CP3, AND ODM USED ONLY ON PTC-480 AND PTC-600 UNITS.
- 6 COMPONENTS FUS10, FUS12, FUS14, FUS16, AND FUS18 ARE USED FOR OPTIONAL POWER EXHAUST. EXHAUST FANS ARE WIRED FOR LOW SPEED. WHEN HIGH SPEED IS WISHED SEE INSET E FOR CONNECTION.
- 8 WIRING SHOWN IS FOR UNITS WITH STANDARD INDOOR FAN DRIVES. WHEN UNIT HAS OPTIONAL VARIABLE FREQUENCY DRIVE SEE INSET B AND C.
- 9 COMPONENTS SR1, FUS2, FUS21, TNS6 AND SR ARE FOR OPTIONAL FACTORY POWERED GFI CONVENIENCE OUTLET. ARE WIRED FOR 230V OR 575V. FOR 208V OR 480V UNITS, WIRE XMSA IS CONNECTED TO BROWN LEAD ON TNS6.
- 10 SEE INSET D FOR FIELD POWERED GFI CONVENIENCE OUTLET.
- 11 SEE APPLICABLE VARIETY FIELD WIRING DIAGRAM FOR BALANCE OF CIRCUIT.

