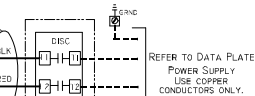




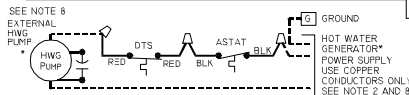
FIELD WIRING WHEN DISC OPTION IS NOT PRESENT



REFER TO DATA PLATE  
POWER SUPPLY  
USE COPPER  
CONDUCTORS ONLY.

NOTES:

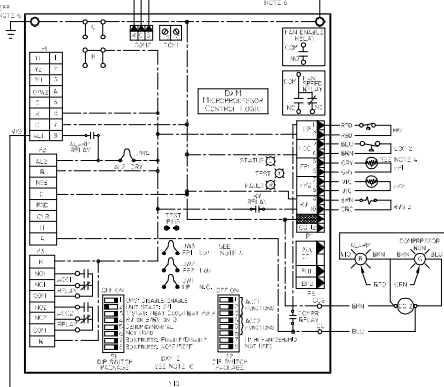
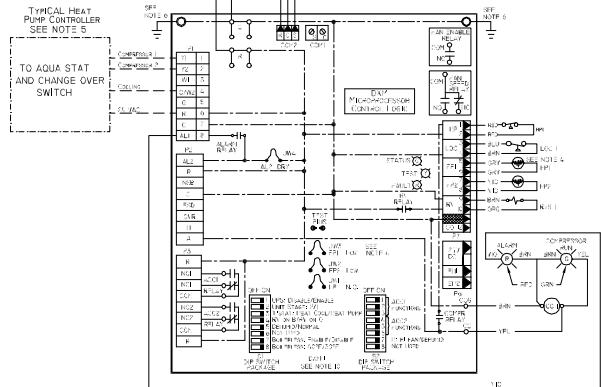
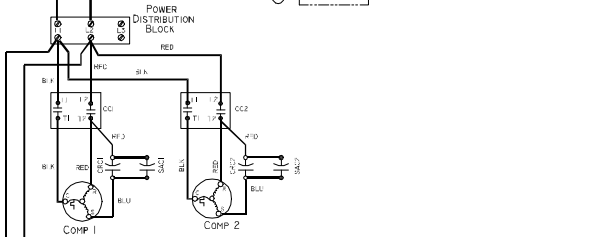
1. COMPRESSOR MOTOR THERMALLY PROTECTED INTERNALLY.
2. ALL WIRING TO THE UNIT MUST COMPLY WITH NEC AND LOCAL CODES.
3. 208/230V TRANSFORMER WILL BE CONNECTED FOR 208V OPERATION. FOR 230V OPERATION, DISCONNECT RED LEAD AT L1, AND ATTACH ORG LEAD TO L1. CLOSE OPEN END OF RED LEAD WITH INSULATING TAPE.
4. FPI THERMISTOR PROVIDES FREEZE PROTECTION FOR WATER. WHEN USING ANTI-FREEZE SOLUTIONS, CUT JW3 JUMPER.
5. CHECK INSTALLATION WIRING INFORMATION FOR CONTROLLER HOODNUP REFER TO CONTROL INSTALLATION INSTRUCTIONS FOR WIRING TO THE UNIT. CONTROL WIRING MUST BE "CLASS I" AND VOLTAGE RATING EQUAL TO OR GREATER THAN UNIT SUPPLY VOLTAGE.
6. TRANSFORMER SECONDARY GROUND VIA DVM BOARD STANDOFF, AND SCREWS TO CONTROL BOD. (GROUND AVAILABLE FROM TOP TWO STANDOFFS AS SHOWN.)
8. AQUA STAT IS SUPPLIED WITH UNIT AND MUST BE WIRED IN SERIES WITH THE HOT L5G TO THE PUMP. AQUA STAT IS RATED FOR VOLTAGE UP TO 277V.



SEE NOTE 8  
EXTERNAL  
HWG PUMP

**LEGEND**

—	FACTORY LINE VOLTAGE WIRING	▽	WIRE NUT	AL	ALARM RELAY CONTACTS
- - -	FIELD LOW VOLTAGE WIRING	⊗	MATE-LOCK	CB	CIRCUIT BREAKER
---	FPI DISC USE-NO TAP WIRING	⊕	CIRCUIT BREAKER	CC	COMPRESSOR CONTACTOR
---	FIELD LOW VOLTAGE WIRING	⊖	CIRCUIT BREAKER	CRC	COMPRESSOR RUN CAPACITOR
---	PRINTED CIRCUIT TRACE	⊗	HIGH PRESSURE SWITCH	DISC	UNIT DISCONNECT
○	RELAY CONTACT COIL	⊕	LOW PRESSURE SWITCH	FPI	SIEMENS SOURCE FAULT/ PROTECTION
○	SOLID MOUNT	⊖	TEMPERATURE SWITCH	FPC	SIEMENS HIGH PRESSURE SWITCH
⊕	THERMISTOR	⊖	TEMPERATURE SWITCH	I1C	SIEMENS JUMPER W/REF FOR BLU W/ FPI
⊕	GROUND	⊖	POSITIVE TEMPERATURE COEFFICIENT RELAY	I1P	SIEMENS FIELD WIRING TERMINAL BLOCK
⊕	INCANDESCENT LIGHT (GREEN, RED)	⊖	SPLICE CAP	I1P	SIEMENS POWER BLOCK
⊕	FLUORESCENT LIGHT (GREEN, RED)			I1P	SIEMENS POWER DISTRIBUTION BLOCK
				I1P	SIEMENS RELAY/VALVE SOLENOID
				I1P	SIEMENS START ASSIST CAPACITOR
				TRANS	TRANSFORMER
				TRANS	OPTIONAL



**DXM CONTROLLER FAULT CODES**

OPERATION	STATUS LED (GREEN)	TEST LED (YELLOW)	FAULT LED (RED)	ALARM RELAY
NORMAL MODE	ON	OFF	NOTE:2	OPEN
DXM IS NON-FUNCTIONAL	OFF	OFF	NOTE:2	CYCLE (NOTE 3)
TEST MODE	OFF	ON	NOTE:2	-
EMERGENCY SHUT DOWN	FLASHING CODE 3	-	NOTE:2	-
INVALID L1/S1/AL INPUTS	FLASHING CODE 4	-	NOTE:2	-
NO FAULT IN MEMORY	ON	OFF	FLASHING CODE 1	OPEN
H/F FAULT / (LOCKOUT) NOTE: 1	SLOW FLASH (FAST FLASH)	OFF	FLASHING CODE 2	OPEN / (CLOSED)
I/P FAULT / (LOCKOUT) NOTE: 1	SLOW FLASH (FAST FLASH)	OFF	FLASHING CODE 3	OPEN / (CLOSED)
F/P FAULT / (LOCKOUT) NOTE: 1	SLOW FLASH (FAST FLASH)	OFF	FLASHING CODE 4	OPEN / (CLOSED)
FPE FAULT / (LOCKOUT) NOTE: 1	SLOW FLASH (FAST FLASH)	OFF	FLASHING CODE 5	OPEN / (CLOSED)
CO FAULT / (LOCKOUT) NOTE: 1	SLOW FLASH (FAST FLASH)	OFF	FLASHING CODE 6	OPEN / (CLOSED)
OVER-VOLTAG VOLTAGE	SLOW FLASH	OFF	FLASHING CODE 7	OPEN(NOTE:4)
NORMAL MODE IN UPS	ON	OFF	FLASHING CODE 8	CYCLE (NOTE:3)
SWAPPED P/M1/P2 LOCKOUT	FAST FLASH	OFF	FLASHING CODE 9	CLOSED

1. STATUS LED (GREEN) - SLOW FLASH - CONTROLLER IN FAULT RETRY MODE. FAST FLASH - CONTROLLER IN LOCKOUT MODE. SLOW FLASH + 1 FLASH PER EVERY 2 SECONDS. FAST FLASH + 2 FLASHES PER EVERY 1 SECOND.  
 2. FAULT LED (RED) FLASHES A CODE REPRESENTING LAST FAULT IN MEMORY. IF NO FAULT IN MEMORY, CODE 1 IS FLASHED.  
 3. CYCLES APPROPRIATE CODE, BY CYCLING ALARM RELAY IN THE SAME SEQUENCE AS FAULT LED.  
 4. ALARM RELAY CLOSERS AFTER 5 MINUTES.  
 5. ALARM RELAY CYCLES - CLOSED FOR 5 SECONDS AND OPEN FOR 25 SECONDS. . . .

