



LEGEND	
ART1	ANTI-RECYCLE TIMER
C1	COMPRESSOR CONTACTOR
C1A-1, C1A-2	COMPRESSOR CONTACTOR AUXILLARY CONTACTS
CCH	CRANKCASE HEATER
1CR	CONTROL RELAY
CYC1	CYCLE COUNTER
DSW1	DISCONNECT SWITCH
FU1, FU2	TR1 PRIMARY CIRCUIT FUSES
FU3	TR1 SECONDARY CIRCUIT FUSE
LOR	LOCKOUT RELAY
OLR1	OVERLOAD RELAY
PDB1	POWER DISTRIBUTION BLOCK
PWM1	POWER MONITOR
PSH1	HIGH PRESSURE SWITCH
PSL1	LOW PRESSURE SWITCH (OPENS 35 PSI)
PSL2	LOW PRESSURE SWITCH (OPENS 10 PSI)
RHM1	RUN HOUR METER
TDR3	TIME DELAY RELAY (BYPASS TIMER)
TR1	208,240,480/120 VAC 250 VA TRANSFORMER
TSH1	HIGH TEMPERATURE SWITCH

- NOTES:**
- ALL DASHED ----- WIRE IS FIELD INSTALLED.
 - OVERLOAD SETTINGS:
 10 TON COMPRESSORS; 230V = 52A, 460V = 23A, 575V = 18A
 15 TON COMPRESSORS; 230V = 77A, 460V = 34A, 575V = 27A
 - SET TDR3 TO 120 SEC.
 - SET ART1 TO 5 MIN.
 - CLIP THE LOOPED WIRE ON ART1 AS INDICATED FOR 120/240V OPERATION.

IMPORTANT

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ENGINEER'S SEAL	#	BY	DATE	REVISION
	4	MSG	01/23/01	PUMPOUT WAS OPTIONAL
	5	WWW	11/07/01	PSL2 SETTING WAS 10 PSI
	6	SMH	5/29/12	FLIPPED ORDER OF C1 & OLR1 AT COMPRESSOR CHANGED PSL2 FROM 25 PSI BACK TO 10 PSI. REMOVED NUMBERING OF NEUTRAL WHITE WIRES AND TERMINALS. IDENTIFIED C1 AUX CONTACTS C1A-1 AND C1A-2
	7	SMH	07/09/12	ADDED 575V OVERLOAD SETTINGS TO NOTES

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TITLE: POWER & CONTROL WIRING SCHEMATIC
 SWU/SCU 10-15 TON SCROLL UNITS

SCALE: N/A DRAWN BY: CHECKED BY: APP'D BY:
 DATE: 11/05/98 M. GREER

DRAWING NUMBER: 4002666 REV. SHEET NO.: 7 OF 1 NAPPS JOB NO.: B