



LEGEND	
ART1, ART2, ART3	ANTI-RECYCLE TIMER
C1, C2, C3	COMPRESSOR CONTACTOR
C1A, C2A, C3A	COMPRESSOR CONTACTOR AUX CONTACT
CCH	CRANKCASE HEATER
1CR, 2CR, 3CR, 4CR	CONTROL RELAY
CYC1, CYC2, CYC3	CYCLE COUNTER
DSW1	DISCONNECT SWITCH
FU1, FU2	TR1 PRIMARY CIRCUIT FUSES
FU3	TR1 SECONDARY CIRCUIT FUSE
LOR	LOCKOUT RELAY
OLR1, OLR2, OLR3	COMPRESSOR 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, RHM2, RHM3	RUN HOUR METER
TDR1	LOW SUCTION FAULT DELAY RELAY (BYPASS TIMER)
TDR2	COMPRESSOR START DELAY RELAY
TR1	208,240,480/120 VAC 250 VA TRANSFORMER
TSH1, TSH2, TSH3	COMPRESSOR 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 TDR1 TO 120 SEC. SET TDR2 TO 5-10 SEC
 - SET ART1 AND ART3 TO 4 MIN. SET ART2 TO 5 MIN.
 CLIP THE LOOPED WIRE ON ART1, ART2, ART3 AND TDR2 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 PUMP
	5 WWW	11/07/01	PSL2 SETTING WAS 10 PSI
	6 SMH	5/29/12	FLIPPED ORDER OF C1-C3 & OLR1-OLR3 AT COMPRESSORS CHANGED PSL2 FROM 25 PSI BACK TO 10 PSI. REMOVED NUMBERING OF NEUTRAL WHITE WIRES AND TERMINALS IDENTIFIED C1A-C3A IN LEG-END AS AUX CONTACTS
	7 SMH	07/09/12	ADDED 575V OVERLOAD SETTINGS TO NOTES

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TITLE: POWER & CONTROL WIRING SCHEMATIC
 SWU/SCU 35,40,45 TON SCROLL UNIT

SCALE: DRAWN BY: CHECKED BY: APP'D BY:
 DATE: 02/18/99 M.GREER

DRAWING NUMBER: 4002688
 REV. SHEET NO.: 7
 NAPPS JOB NO.: 1 OF 1

REV. SIZE: B