



**LEGEND**

ART1, ART2	ANTI-RECYCLE TIMER
C1, C2	COMPRESSOR CONTACTOR 1 & 2
C1A-1, C1A-2	COMPRESSOR CONTACTOR 1 AUX CONTACTS 1 & 2
C2A	COMPRESSOR CONTACTOR 2 AUX CONTACT
CCH	CRANKCASE HEATER
1CR, 2CR	CONTROL RELAY
CYC1, CYC2	CYCLE COUNTER
DSW1	DISCONNECT SWITCH
FU1, FU2	TR1 PRIMARY CIRCUIT FUSES
FU3	TR1 SECONDARY CIRCUIT FUSE
LOR	LOCKOUT RELAY
OLR1, OLR2	OVERLOAD CONTACT
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	RUN HOUR METER
TDR3	TIME DELAY RELAY (BYPASS TIMER)
TR1	208,240,480/120 VAC 250 VA TRANSFORMER
TSH1, TSH2	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 AND ART2 TO 5 MIN.
- CLIP THE LOOPED WIRE ON ART1 AND ART2 AS INDICATED FOR 120/240V OPERATION.

**IMPORTANT**  
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ENGINEER'S SEAL	BY	DATE	REVISION
	WWW	11/07/01	PSL2 SETTING WAS 10 PSI
	SMH	5/29/12	FLIPPED ORDER OF C1/OLR1 & C2/OLR2 AT COMPRESSORS CHANGED PSL2 FROM 25 PSI BACK TO 10 PSI. REMOVED NUMBERING OF NEUTRAL WHITE WIRES AND TERMINALS IDENTIFIED C1&C2'S AUX CONTACTS
	SMH	07/09/12	ADDED 575V OVERLOAD SETTINGS TO NOTES

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TITLE: POWER & CONTROL WIRING SCHEMATIC  
SWU/SCU 20,25,30 TON SCROLL UNIT

SCALE: \_\_\_\_\_ DRAWN BY: K.LUNDQUIST CHECKED BY: \_\_\_\_\_ APP'D BY: \_\_\_\_\_

DATE: 04/15/97

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