



- 1 - EVAPORATOR COIL - THREE FANS,TA-23SG, 230 BTU/°FTD (RCO-084)
- 2 - COMPRESSOR - 3/4 HP, R-134a, M7GH-H072-CFZ-328 (RCU-057)
- 3 - DRIER - SPORLAN C-083-S, 1/2- 1 1/2 TON (RDR-004)
- 4 - SIGHT GLASS - SPORLAN SA-13S, 3/8" ODF (RLI-002)
- 5 - HAND VALVE - MUELLER A-14850C, 3/8" ODF (RVH-002)
- 6 - SUCTION ACCUMULATOR - REFRIGERATION RESEARCH #3701, 5/8" ODF (RAC-002)
- 7 -
- 8 - CRANKCASE PRESSURE REGULATOR - SPORLAN CRO(T)-6, 5/8" ODF, SET @ 40 PSI (RPR-001)
- 9 -
- 10 - EXPANSION VALVE - SPORLAN Q, 1/4" IN X 1/2" OUT SAE, 1/2 TON (RVQ-001, -102, -200)
- 11 -
- 12 - SOLENOID VALVE - SPORLAN, HOT GAS LINE, OPEN ON TEMPERATURE FALL (RVS-027, -028, -031)
- 13 - SOLENOID VALVE - SPORLAN, LIQUID LINE, OPEN ON TEMPERATURE RISE (RVS-027, -028, -030)
- 14 -
- 15 -
- 16 - VIBRATION ABSORBER LOOP - (NO PART NUMBER)
- 17 -
- 18 -

REVISION HISTORY		
REV	DESCRIPTION	BY / DATE
A	INITIAL VERSION	TA 05/09/18
B	UPDATED ALL VALVES TO Q SERIES	TA 12/17/20
C	UPDATED REFRIGERATION CHARGE TO 46.4 OZ	TA 01/05/23

REFRIGERATION SYSTEM CHARACTERISTICS			
VOLTAGE:	230 VAC	PHASE:	1Ø
MODEL:	SE-41	REFRIGERANT:	R-134A
		FREQUENCY:	50 Hz
		CHARGE:	46.4 OZ

PERCIVAL SCIENTIFIC, INC.			
TITLE: REFRIGERATION DIAGRAM - GENERAL			
MODEL:	SE-41	DRAWING:	2018-9-1-1
BY:	TA	DATE:	05/04/18
		REV:	C