



- 1 - EVAPORATOR COIL - FOUR FANS, TA-43SG, 430 BTU/°FTD(RCO-053)
- 2 - COMPRESSOR - 1/2 HP, R-134A, COPELAND MODEL M7ZH-0045-IAZ-328 (RCU-313)
- 3 - DRIER - 1/3 TON, 1/4" LINE(RDR-008)
- 4 - SIGHT GLASS - SPORLAN SA-13S, 1/4" ODF(RLI-001)
- 5 - HAND VALVE - MUELLER A-14850C, 3/8" ODF (RVH-002)
- 6 - SUCTION ACCUM - REFRIG. RESEARCH #3816, 1/2" ODF, 2.3 LBS (36.8 OZ) CAPACITY..... (RAC-006)
- 7 - DISTRIBUTOR - SPORLAN 1651-2-3/16-1, 3/8" ODF IN, 2 X 3/16" ODF OUT..... (RDI-029)
- 8 - CRANKCASE PRESSURE REGULATOR - SPORLAN CRO(T)-6, 5/8" ODF, SET AT 40 PSI(RPR-001)
- 9 -
- 10 - EXPANSION VALVE - SPORLAN Q, 1/4" IN X 1/2" OUT SAE, 1/4 TON(RVQ-003, -101, -200)
- 11 -
- 12 - SOLENOID VALVE - 3/8" HOT GAS LINE, OPEN ON TEMPERATURE FALL(RVS-027, -028, -031)
- 13 - SOLENOID VALVE - 1/4", LIQUID LINE, OPEN ON TEMPERATURE RISE(RVS-027, -028, -030)
- 14 -
- 15 -
- 16 - VIBRATION ABSORBER LOOP - (NO PART NUMBER)

REFRIGERATION SYSTEM CHARACTERISTICS			
VOLTAGE:	230 VAC	PHASE:	1Ø
		FREQUENCY:	50 Hz
MODEL:	66 SERIES	REFRIGERANT:	R-134A
		CHARGE:	2.0 LBS

PERCIVAL SCIENTIFIC, INC.			
TITLE: REFRIGERATION DIAGRAM - GENERAL			
MODEL:	I-66NL	DRAWING:	032801-1-1
BY:	HJI	DATE:	7/31/2023
			REV: 1