


- 1 - EVAPORATOR COIL - TWO FANS, TA-17SG, 170 BTU/°FTD (RCO-052)
- 2 - COMPRESSOR - 1/3 HP, R-134a, COPELAND M7JH-H028-IAZ-303 (RCU-161)
- 3 - DRIER - SPORLAN C-052-S, 1/3 TON (RDR-008)
- 4 - SIGHT GLASS - SPORLAN SA-12S, 1/4" ODF (RLI-001)
- 5 - HAND VALVE - MUELLER A-14850C, 3/8" ODF (RVH-002)
- 6 - SUCTION ACCUMULATOR - REFRIGERATION RESEARCH #3816, 1/2" ODF (RAC-006)
- 7 -
- 8 - CRANKCASE PRESSURE REGULATOR - SPORLAN CRO(T)-6, 5/8" ODF, SET AT 35 PSI (RPR-001)
- 9 -
- 10 - EXPANSION VALVE - SPORLAN Q, 1/4" IN X 1/2" OUT, SAE, 1/4 TON (RVQ-001, -101, -200)
- 11 - EXPANSION VALVE - SPORLAN Q, 1/4" IN X 1/2" OUT, SAE, 1/8 TON (RVQ-001, -100, -200)
- 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 - SOLENOID VALVE - SPORLAN, DEHUMIDIFY LINE, OPEN ON TEMPERATURE RISE (RVS-027, -028, -030)
- 15 - DEHUMIDIFYING COIL - EVAPORATOR ASSEMBLY (70-1S-30)
- 16 - VIBRATION ABSORBER LOOP - (NO PART NUMBER)

REFRIGERATION SYSTEM CHARACTERISTICS		
VOLTAGE: 230 VAC	PHASE: 1Ø	FREQUENCY: 50 Hz
MODEL: I-36VL	REFRIGERANT: R-513A	CHARGE: 32 OZ.

 PERCIVAL SCIENTIFIC, INC.		
TITLE: REFRIGERATION DIAGRAM - GENERAL		
MODEL: I-36VL	DRAWING:	REV:
BY: RAS	DATE: 01/26/24	033586-1-1 -