


- 1 - EVAPORATOR COIL - TWO FANS, TA-17SG, 170 BTU/°FTD (RCO-052)
- 2 - CONDENSING UNIT - 1/2 HP, R-134a, COPELAND M7ZH-0045-IAZ-328 (RCU-313)
- 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, 1/2 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)

REVISION HISTORY			
REV	DESCRIPTION	BY	DATE
A	INITIAL VERSION	BRH	09/13/13
B	UPDATED CONDENSING UNIT	TA	05/23/16
C	UPDATED CONDENSING UNIT	TA	07/15/19
D	CHANGING TO Q BODY TXV	LNB	12/11/20
E	CHANGING BACK TO RCU-313	TA	12/30/22

REFRIGERATION SYSTEM CHARACTERISTICS		
VOLTAGE: 230 VAC	PHASE: 1Ø	FREQUENCY: 50 Hz
MODEL: E-36	REFRIGERANT: R-134A	CHARGE: 32 OZ

 PERCIVAL SCIENTIFIC, INC.	
TITLE: REFRIGERATION DIAGRAM - GENERAL	
MODEL: E-36	DRAWING: 98-2-1-1 (EUR)
DATE: 09/12/07	