



- 1 - EVAPORATOR COIL - THREE FANS, T-23SG, 230 BTU/°FTD (RCO-084)
- 2 - COMPRESSOR - 1 HP, R-449A, PART OF M6KP-0102-CAZ-372 (RCU-375)
- 3 - FILTER/DRIER - PART OF M6KP-0102-CAZ-372 (RCU-375)
- 4 - SIGHT GLASS - PART OF M6KP-0102-CAZ-372 (RCU-375)
- 5 - HAND VALVE - MUELLER A-14850C, 3/8" ODF (RVH-002)
- 6 - SUCTION ACCUMULATOR - REFRIGERATION RESEARCH #3702, 5/8" ODF (RAC-003)
- 7 -
- 8 - CRANKCASE PRESSURE REGULATOR - SPORLAN CRO(T)-6-30/110, 5/8" ODF, SET AT 80 PSI (RPR-006)
- 9 -
- 10 - EXPANSION VALVE - SPORLAN Q, 3/8" IN X 1/2" OUT, SAE, 1/2 TON (RVQ-002, -101, -201)
- 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, -031)
- 14 -
- 15 -
- 16 - VIBRATION ABSORBER LOOP - (NO PART NUMBER)
- 17 -
- 18 - ELECTRONIC DUAL PRESSURE CONTROL - CUT-OUT 5/390 PSI, CUT-IN 25 PSI (COPELAND EUC)
- 19 -
- 20 -
- 21 -
- 22 - CONDENSER - AIR COOLED, PART OF M6KP-0102-CAZ-372 (RCU-375)
- 23 - RECEIVER - 7.8 LBS @ 90% FULL, PART OF M6KP-0102-CAZ-372 (RCU-375)
- 24 -
- 25 -

REFRIGERATION SYSTEM CHARACTERISTICS		
VOLTAGE: 230 VAC	PHASE: 1Ø	FREQUENCY: 50 Hz
MODEL: LT-41VL	REFRIGERANT: R-449A	CHARGE: 4.8#

PERCIVAL SCIENTIFIC, INC.			
TITLE: REFRIGERATION DIAGRAM - GENERAL			
MODEL: LT-41VL	DRAWING: 030349-2-1-1		REV:
BY: LNB	DATE: 9/8/21		