



- 1 - POWER SWITCH - DPST, 10A, 250VAC (ESW-130)
- 2 - POWER RELAY - DPDT, 30A, 240VAC (ERL-030)
- 3 -
- 4 - UNIT COOLER - 0.8A, 220V, 50/60Hz (RCO-052)
- 5 - POWER CORD - INTERNATIONAL, 3-WIRE, 16A, 250V (ECD-024)
- 6 - CONDENSING UNIT - 4.3A, 230/1/50 (RCU-313)
- 7 - CONTROLLER W/ OVERLAY - INTELLUS, 85-264VAC, 50/60Hz (ETC-108 & ETC-109)
- 8 - TEMPERATURE SENSOR - RTD, 100 Ohm, 0.00385 Ohm/Ohm/°C (ETC-052)
- 9 - RELAY - DIN-MOUNT, SS, NO, 3-32VDC INPUT, 24-240VAC OUTPUT, 5A (ERL-060)
- 10 - HEATING HEATER - 350W @ 230VAC, 1.52A (EHE-053)
- 11 -
- 12 - SOLENOID VALVE - HOT GAS LINE, 240VAC (RVS-027, -028, -031)
- 13 - SOLENOID VALVE - LIQUID LINE, 240VAC (RVS-027, -028, -030)
- 14 -
- 15 - TERMINAL BLOCK - WAGO, SERIES 2004, AWG 20-10, 30A, 600V

- 16 -
- 17 -
- 18 -
- 19 - POWER SUPPLY - 85-264VAC INPUT, 12VDC OUTPUT, 72W (EPS-031)
- 20 -
- 21 -
- 22 -
- 23 -
- 24 -
- 25 -
- 26 - TERMINAL BLOCK - WAGO, 16-CONDUCTOR, 4-TERMINAL, SNAP-IN (ETE-030)
- 27 - AXIAL FAN - ASPIRATOR BOX, 230/1/50, 31 CFM, 12W, 0.05A (EFA-091)
- 28 -
- 29 -
- 30 -

- 31 - CABLE - USB, PANEL MOUNT, USB A-A, FEMALE-MALE, 3ft LENGTH (EPC-032)
- 32 - CABLE - ETHERNET, CAT 5, PATCH, MALE-MALE, 5ft LENGTH (EPC-057)
- 33 -
- 34 -
- 35 -
- 36 -
- 37 -
- 38 - CIRCUIT BREAKER - ALTECH 1DU2L, 1-POLE, 2A (EBR-147)
- 39 - CIRCUIT BREAKER - ALTECH 1DU3L, 1-POLE, 3A (EBR-163)
- 40 -
- 41 -
- 42 -
- 43 - CIRCUIT BREAKER - ALTECH 1DU10L, 1-POLE, 10A (EBR-145)
- 44 - CIRCUIT BREAKER - ALTECH 1DU15L, 1-POLE, 15A (EBR-146)
- 45 -

ELECTRICAL SYSTEM CHARACTERISTICS			
VOLTAGE	230 VAC	PHASE	1 Ø
FREQUENCY	50 Hz		
AMPERAGE DRAW			
MODEL #	CORD #1	N/A	RLA/MCA
PGC-6L2	8.6 A	N/A	8.6/10.7 A
- PROVIDE THHN STRANDED COPPER CONDUCTORS W/ A TEMPERATURE RATING OF 90°C (194°F).			

<b>PERCIVAL SCIENTIFIC, INC.</b>			
TITLE: ELECTRICAL SCHEMATIC - GENERAL			
MODEL:	PGC-6L2	DATE:	07/01/24
BY:	JH	REV:	034252-0-1