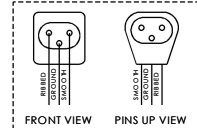


CONTROL BOX

- 1 - POWER SWITCH - DPST, 10A, 250VAC (ESW-130)
- 2 - POWER RELAY - DPDT, 30A, 240VAC (ERL-030)
- 3 -
- 4 - UNIT COOLER - 1.2A, 220/1/50 (RCO-084)
- 5 - POWER CORD - INTERNATIONAL, 3-WIRE, 25A, 230VAC (ECD-021)
- 6 - CONDENSING UNIT - 220/1/50, 10.5 A (RCU-375)
- 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 - SS, NO, 3-32VDC INPUT, 24-240VAC OUTPUT, 5A (ERL-060)
- 10 - HEATING HEATER - 250W @ 230VAC, 1.1A (EHE-046)
- 11 - POWER RELAY - DPDT, 30A, 240VAC (ERL-063)
- 12 - SOLENOID VALVE - HOT GAS LINE, 240VAC (RVS-027, -028, -031)
- 13 - SOLENOID VALVE - LIQUID LINE, 240VAC (RVS-027, -028, -031)
- 14 -
- 15 - TERMINAL BLOCK - WAGO, SERIES 2004, AWG 20-10, 30A, 600V
- 16 - 3-PIN MOLEX MALE & FEMALE CONNECTORS (EPL-004 & ERE-012)
- 17 -
- 18 -
- 19 - POWER SUPPLY - 95-265VAC INPUT, 12VDC, 72W, OUTPUT (EPS-031)
- 20 -
- 21 - TERMINAL BLOCK - 16-CONDUCTOR, 4-TERMINAL SETS (ETE-030)
- 22 - TERMINAL BLOCK JUMPER - (ETE-032)
- 23 - PLUG - CORDSET, WHITE, 3-WIRE, AWG 18, 300V, (EPL-006)
- 24 - RECEPTACLE - CORDSET, WHITE, 3-WIRE, AWG 18, 300V, 12" LENGTH (ERE-014)
- 25 -
- 26 -
- 27 -
- 28 - CONVERTER - 90-305VAC DALI/PUSH INPUT, 10V PWM OUTPUT (ELD-033)
- 29 -
- 30 - RECEPTACLE - 7-PIN, 7-COLOR, AWG 18 (ERE-083)
- 31 - CABLE - USB, FEMALE-MALE, 3ft LENGTH (EPC-032)
- 32 - CABLE - ETHERNET, CAT 5, MALE-MALE, 5ft LENGTH (EPC-057)
- 33 - TOUCHSCREEN - SIBO, 9-32VDC IN, 18 W (EPC-044)
- 34 -
- 35 - AXIAL FAN - ASPIRATOR BOX, 230/1/50, 30 CFM, 12W, 0.05A (EFA-091)
- 36 - POWER CORD - INTERNATIONAL, 16A, 300/500V (ECD-024)
- 37 -
- 38 - CIRCUIT BREAKER - 1-POLE, 2A (EBR-147)
- 39 - CIRCUIT BREAKER - 1-POLE, 3A (EBR-163)
- 40 -
- 41 -
- 42 -
- 43 -
- 44 - CIRCUIT BREAKER - 1-POLE, 15A (EBR-146)
- 45 - CIRCUIT BREAKER - 1-POLE, 25A (EBR-180)
- 46 -
- 47 -
- 48 - DOOR FRAME HEATER - 55W @ 230VAC, 0.24A, 17FT (EWH-010)
- 49 - DOOR HEATER - 59W @ 230VAC, 0.26A, 16FT (EWH-010)
- 50 - WINDOW SURFACE HEATER - 48W @ 230VAC, 0.21A (GDP-012)
- 51 - DRAIN HEATER - 15W @ 230VAC, 0.07A (EHE-052)
- 52 - CONDENSATE PAN HEATER - 51W @ 230VAC, 0.22A (EHE-068)
- 53 -
- 54 -
- 55 -
- 56 -
- 57 -
- 58 -
- 59 -
- 60 -



ELECTRICAL SYSTEM CHARACTERISTICS					
VOLTAGE:	230 VAC	PHASE:	1 Ø	FREQUENCY:	50 Hz
AMPERAGE DRAW (MAX)					
MODEL #	CORD #1	N/A	N/A	RLA / MCA	
LT-41VL	16.2 A	N/A	N/A	16.2A / 20.2A	

PERCIVAL SCIENTIFIC, INC.

TITLE: ELECTRICAL SCHEMATIC - GENERAL

MODEL: LT-41VL

BY: RAS DATE: 10/03/23 DRAWING: 033283-0-1