

Parts Manual

EC Series Combination Blanket/Fluid Warmer 13.3 and 18.5 cubic foot models

MN-39808 • Rev 14 • 04/2022

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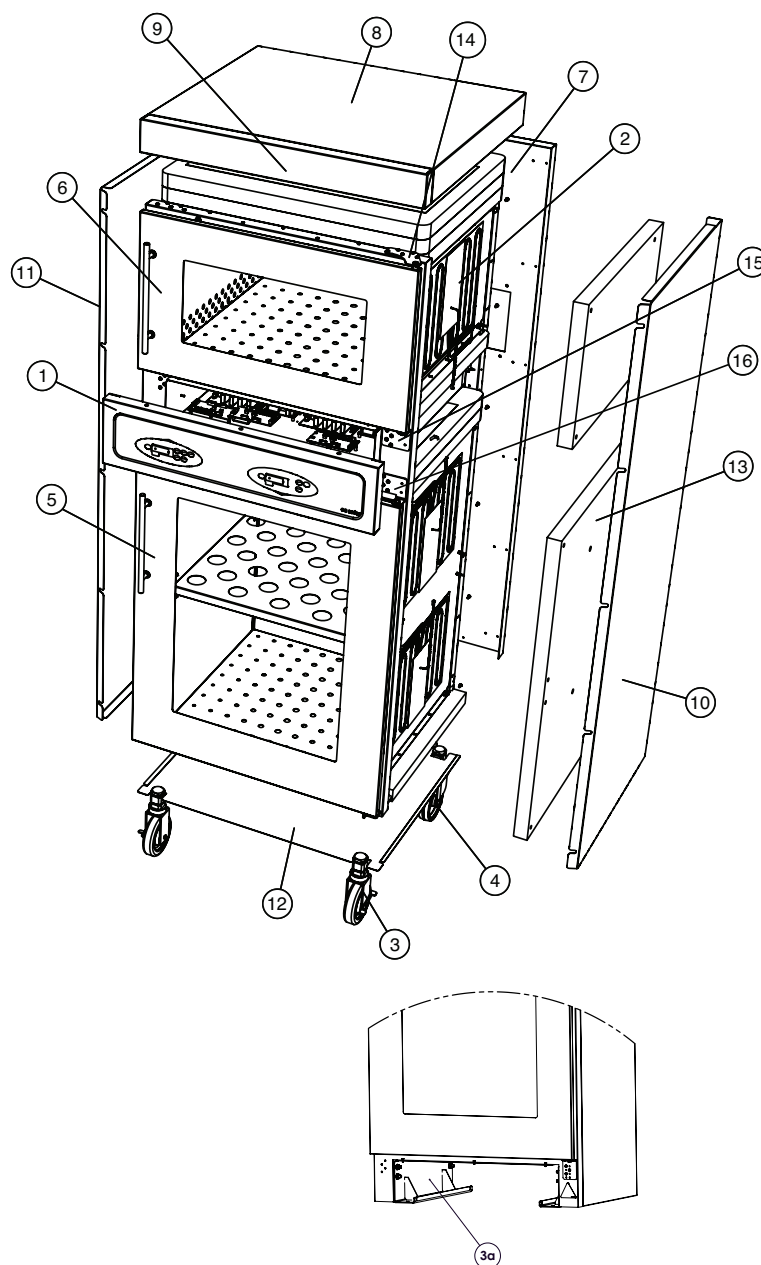
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Full View

Item	Description	Part	Qty
1	Assembly, Interface, EC1350BL/1850BL	5029706	1
2	Element, Heater Pad, 16" X 12", 13.3 ft ³	EL-39472	2
	Element, Heater Pad, 13.3 ft ³	EL-36555	2
	Element, Heater Pad, 16" X 12", 18.5 ft ³	EL-36692	6
3	Caster, 5" Wheel, W/ Brake, 18.5 ft ³	CS-35290	2
	Feet, Leveling, 18.5 ft ³	FE-28909	4
3a	Assembly, Base, Seismic, 13.3 ft ³	5030489	2
4	Caster, 5" Wheel, Swivel, 18.5 ft ³	CS-24875	2
	Fitting, Threaded Tube Insert, 18.5 ft ³	FT-28910	4
5	Assembly, Door, Window RH, 13.3 ft ³	5027916	1
	Assembly, Door, Window LH, 13.3 ft ³	5029819	1
	Assembly, Door, Window RH, Lock, 13.3 ft ³	5029834	1
	Assembly, Door, Window LH, Lock, 13.3 ft ³	5029833	1
	Assembly, Door, Solid LH, Lock, 13.3 ft ³	5029840	1
	Assembly, Door, Solid LH, 13.3 ft ³	5029837	1
	Assembly, Door, Solid RH, Lock, 13.3 ft ³	5029839	1
	Assembly, Door, Solid RH, 13.3 ft ³	5029836	1
	Assembly, Door, Window RH, 18.5 ft ³	5025132	1
	Assembly, Door, Window LH, 18.5 ft ³	5025405	1
	Assembly, Door, Window RH, Lock, 18.5 ft ³	5025410	1
	Assembly, Door, Window LH, Lock, 18.5 ft ³	5025411	1
	Assembly, Door, Solid LH, Lock, 18.5 ft ³	5025431	1
	Assembly, Door, Solid LH, 18.5 ft ³	5025429	1
	Assembly, Door, Solid RH, Lock, 18.5 ft ³	5025430	1
	Assembly, Door, Solid RH, 18.5 ft ³	5025412	1
6	Assembly, Door, Window, 13.3 ft ³	5027915	1
	Assembly, Door, Solid, 13.3 ft ³	5029835	1
	Assembly, Door, Window, Lock, 13.3 ft ³	5029820	1
	Assembly, Door, Solid, Lock, 13.3 ft ³	5029838	1
	Assembly, Door, Window, 18.5 ft ³	5025133	1
	Assembly, Door, Solid, 18.5 ft ³	5025433	1
	Assembly, Door, Window, Lock, 18.5 ft ³	5025434	1
	Assembly, Door, Solid, Lock, 18.5 ft ³	5025435	1
7	Panel, Back, 13.3 ft ³	1031741	1
	Panel, Back, 18.5 ft ³	1024790	1
8	Panel, Top Cover, 13.3 ft ³	1031785	1
	Panel, Top Cover, 18.5 ft ³	1024924	1
9	Panel, Top Trim, 13.3 ft ³	1031774	1
	Panel, Top Trim, 18.5 ft ³	1024923	1
10	Panel, Side, RH, 13.3 ft ³	1031746	1
	Panel, Side, RH, 18.5 ft ³	1024789	1
11	Panel, Side, LH, 13.3 ft ³	1031746	1
	Panel, Side, LH, 18.5 ft ³	1025449	1
12	Panel, Bottom, 18.55ft ³	5025101	1
12a*	Panel, Toe Kick, 13.3 ft ³	1031542	1
13	Insulation, Package, 13.3 ft ³	5029803	1
13	Insulation, Package, 18.5 ft ³	5025306	1



Item	Description	Part	Qty
14	Assembly, Hinge, Upper, RH, 18.5 ft ³	5025491	1
	Assembly, Hinge, Upper, LH, 18.5 ft ³	5025492	1
15	Assembly, Hinge, Lower RH, Upper, LH, 13.3 ft ³	1031863	2
15	Assembly, Hinge, Lower RH, Upper, LH, 18.5 ft ³	5025493	1
16	Assembly, Hinge, Lower LH, Upper, RH, 13.3 ft ³	1031864	2
16	Assembly, Hinge, Lower LH, Upper, RH, 18.5 ft ³	5025494	1
17*	Pin, Press Fit Hinge, 13.3 ft ³	PI-29192	4

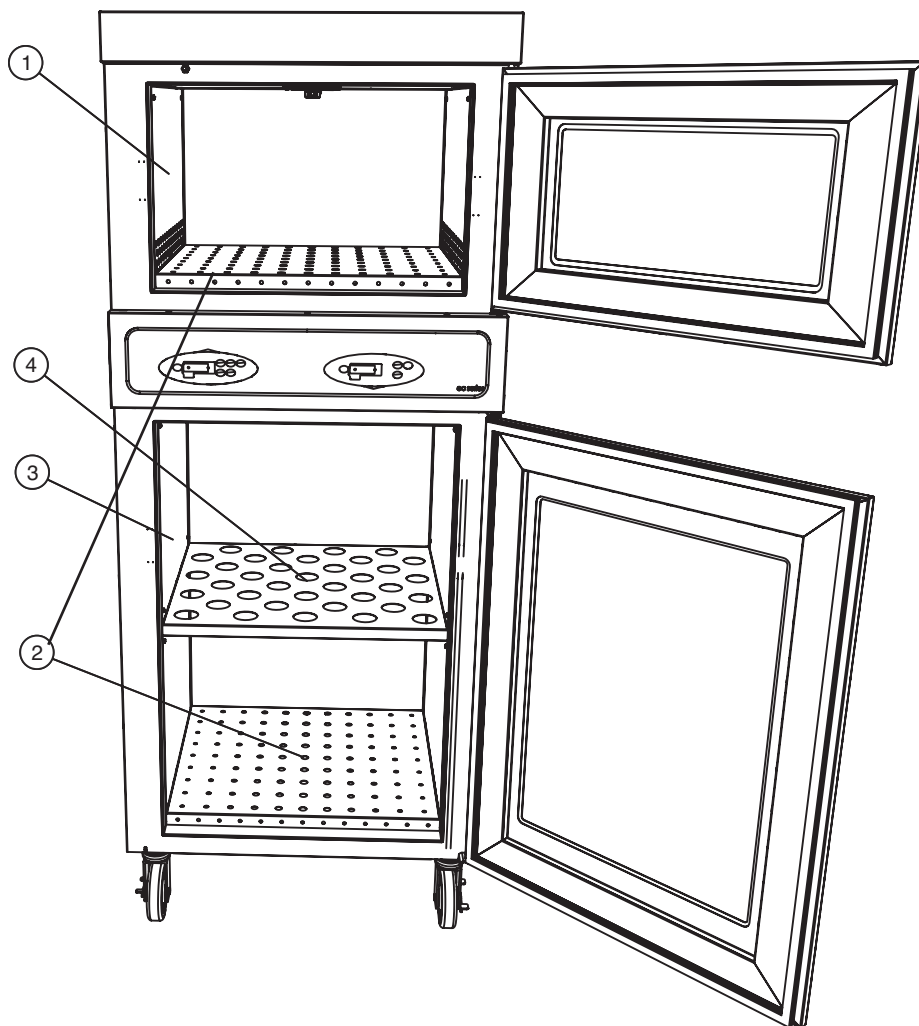
* Not Shown

Serial number is required for all inquiries.

Part numbers and drawings are subject to change without notice.

Service Parts

Interior View



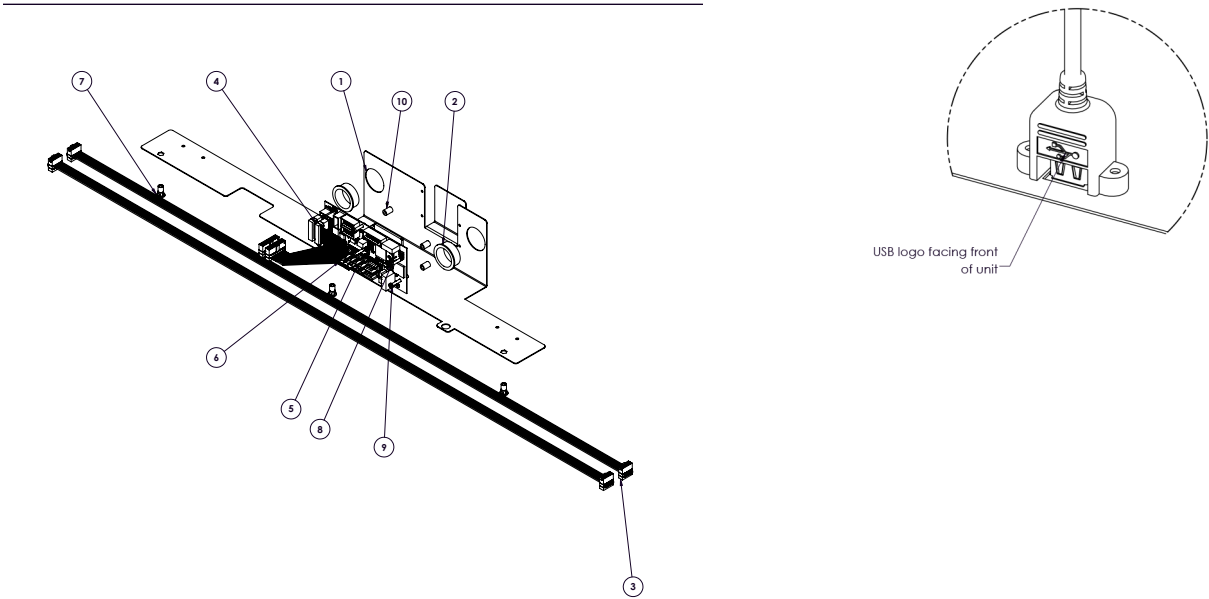
Item	Description	Part	Qty
1	Panel, Insert Side, Fluid Cavity, 13.3 ft ³	1031538	2
	Panel, Insert Side, Fluid Cavity, 18.5 ft ³	1024771	2
2	Panel, Shelf, Bottom, 13.3 ft ³	1032029	2
	Panel, Shelf, Bottom, 18.5 ft ³	1024766	2
3	Panel, Insert Side, Blanket Cavity, 13.3 ft ³	1031536	2
	Panel, Insert Side, Blanket Cavity, 18.5 ft ³	1025073	2
4	Panel, Shelf, 13.3 ft ³	1031787	1
	Panel, Shelf, 18.5 ft ³	1024763	1
5*	Clip, Shelf	1026148	4

* Not Shown

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Electrical Chassis



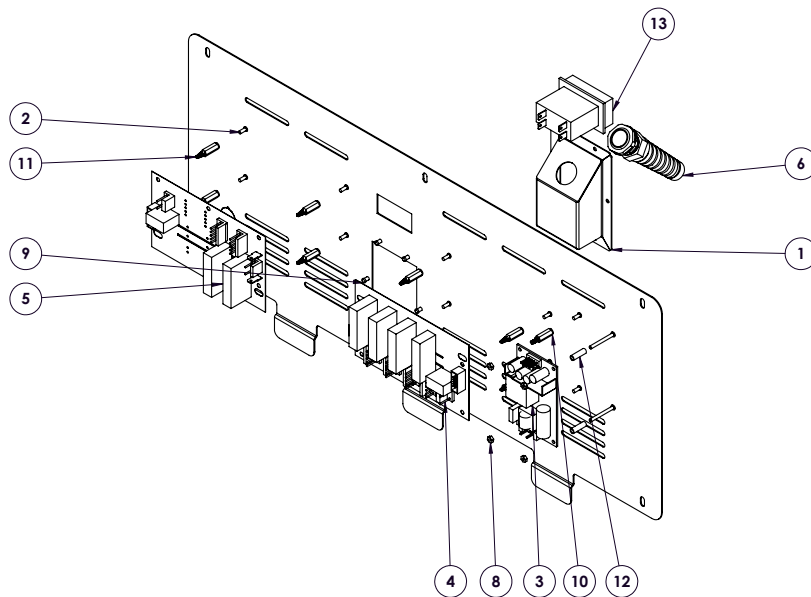
Item	Description	Part	Qty
1	Bracket, Control Board	1037340	1
2	1 1/8" Snap Bushing	BU-3378	2
3	Cable, Relay Board	CB-35193	2
4	Cable, 12" Display	CB-38543	2
5	Board, circuit, Control	CC-39754	1
6	Shunt jumper	CR-36952	5
7	Nut, Hex insert M4	NU-37267	3
8	Screw, M3-0.5 x 16MM, PH HD	SC-35824	4
9	Screw, M3x0.5x25MM Pan	SC-36661	1
10	Spacer, 1/4" DIA x 3/8" Nylon	SP-29425	5

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Service Parts

Power Inlet Assembly

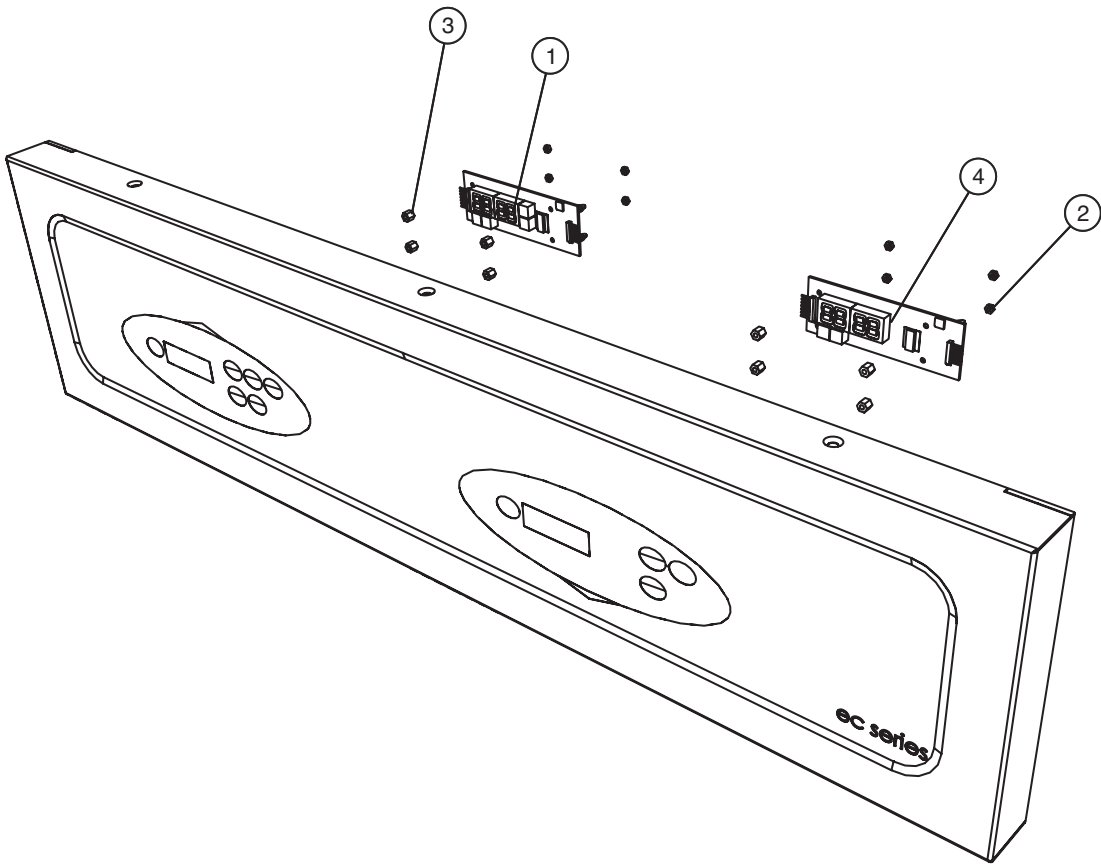


Item	Description	Part	Qty
1	Bracket, Cord	1035776	1
2	Assembly, Weld Stud	5032473	1
3	Power Supply, 20W	BA-34965	1
4	Relay Board, 4-Zone, 120V	BA-39302	1
	Relay Board, 4-Zone, 230V	BA-39304	1
5	Relay Board, 2-Zone, 120V	BA-46669	1
	Relay Board, 2-Zone, 230V	BA-46670	1
6	Bushing, Straight, Strain Relief	BU-34836	1
7	Envelope, Press on, CVLS, HLVS	EV-28115	1
8	Nut, M3-0.5 Hex Nut	NU-22285	4
9	Rivet, Blind, #44, STNLS	RI-2100	6
10	Spacer, Stand Off Male-Female	SP-46570	2
11	Spacer, Stand Off Female-Board	SP-46671	8
12	Spacer, M3	SP-47752	2
13	Switch, 20 Amp C.B.	SW-33858	1

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Interface Assembly



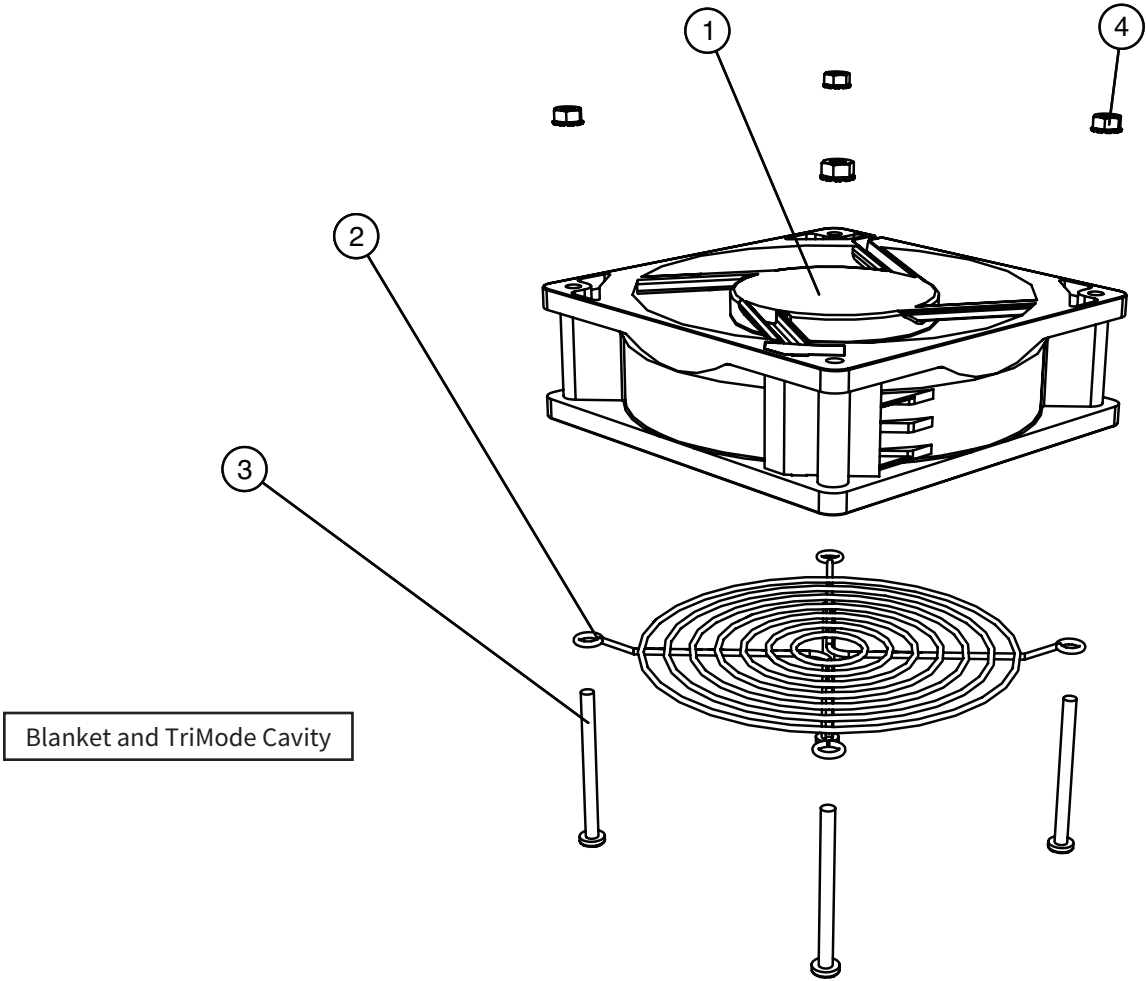
Item	Description	Part	Qty
1	Circuit Board, Fluid Display	BA-35309	1
2	Nut, M3-0.5 Hex Nut	NU-22285	8
3	Spacer, 1/4" Hex, Nylon	SP-33707	8
4	Circuit Board, Display	BA-34868	1

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Service Parts

Fan Assembly

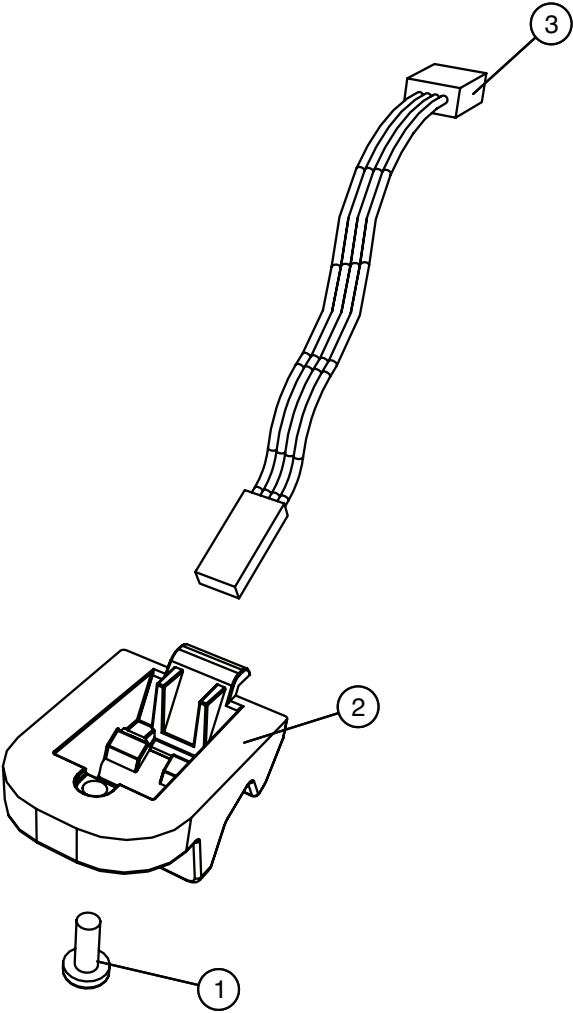


Item	Description	Part	Qty
1	Fan, Axial, 120mm, 100-240V	FA-39406	1
2	Fan Guard	1035493	1
3	Screw, M4 X 0.7 X 50mm Pan	SC-29261	4
4	Nut, M4, Keps, Zinc Plated	NU-36319	4

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Cavity Sensors



Item	Description	Part	Qty
1	Screw, M4 X 0.7 X 10mm Pan	SC-22273	2
2	Sensor Mounting Block	BK-29882	2
3	Probe, Dual J-Type Termoistor,48" Epoxy Housing	PR-38590	2

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Service Parts

Accessories

Description	Part No.	Part No.
	13.3 cu. ft.	18.5 cu. ft.
Built-in trim kit	5029906	5027709
Foot Kit	N/A	5021814
Floor mounting hardware	5032891	N/A
Lock for door handle	LK-36962	LK-36962
Shelf Kit	5031266	5031264
TempTrak Transmitter & Probe Kit 900MHZ	5032535	5032535

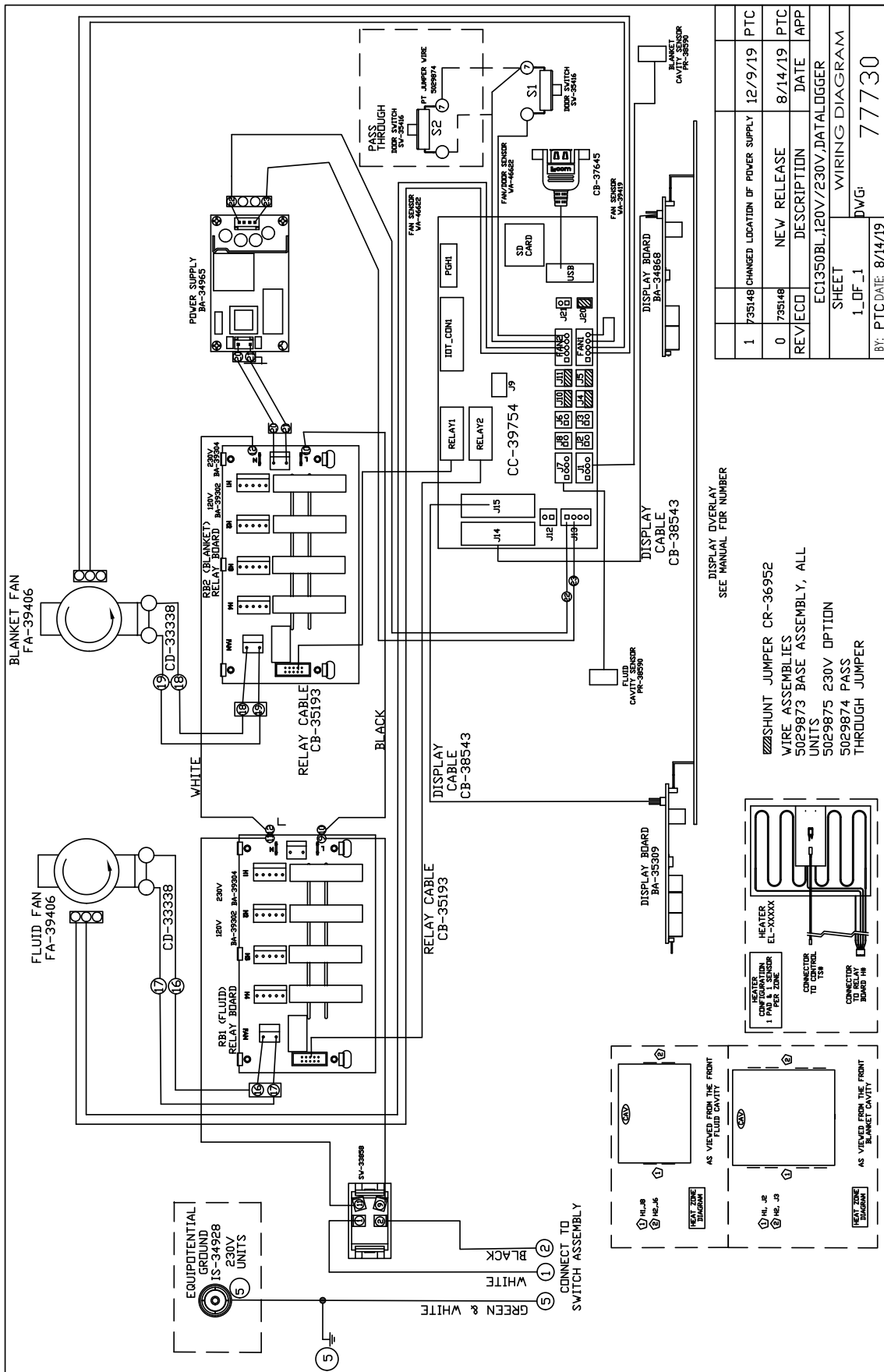
Service Kit for Heat Pad Replacement

Description	Part No.
Service Kit for EL-36692	5027888
Service Kit for EL-36555	5031024
Service Kit for EL-39472	5027940

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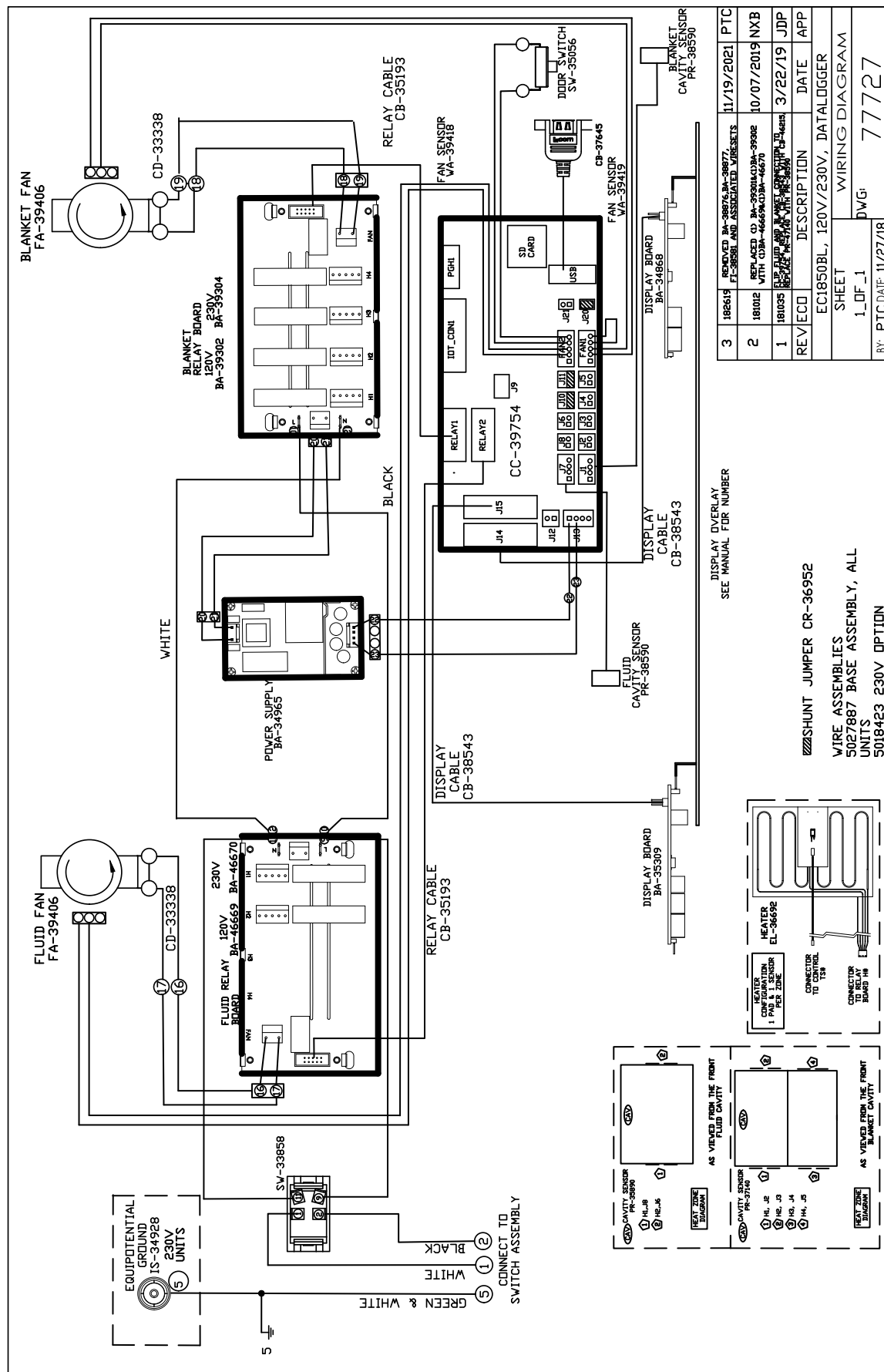
Wiring Diagram 13.3 Cu. Ft Combination warmer



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Wiring Diagram 18.5 cu. Ft Combination Warmer



3	185619	REMOVED BA-38876, BA-38877, FT-38581 AND ASSOCIATED WIRESETS	11/19/2021	PTC
2	181012	REPLACED CD BA-29301/CD BA-39302 WITH CD BA-46669/CD BA-46670	10/07/2019	NXB
1	181005	ELP FLUID AND BLANKET CAVITY SENSOR	3/22/19	JDP
REV	ECO	DESCRIPTION	DATE	APP
EC1850BL, 120V/230V, DATALOGGER				
SHEET				WIRING DIAGRAM
1_LDF_1				DWG:
BY: PTC DATE: 11/27/18				77727

DISPLAY OVERLAY
SEE MANUAL FOR NUMBER

SHUNT JUMPER CR-36952

WIRE ASSEMBLIES
5027887 BASE ASSEMBLY, ALL
UNITS
5018423 230V OPTION

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