

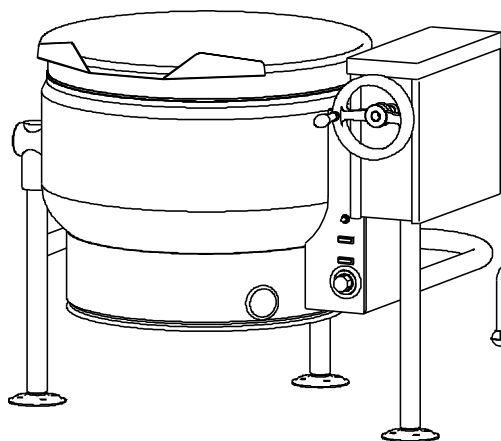


IMPORTANT FOR FUTURE REFERENCE
Please complete this information and retain this manual for the life of the equipment:

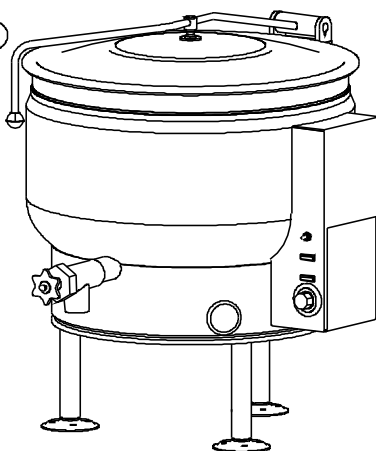
Model #: _____
Serial #: _____
Date Purchased: _____

PARTS LIST

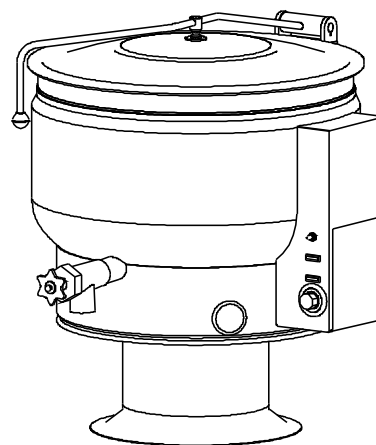
Self - Generating Steam Full Jacket Kettles ELT-F EL-F EP-F



ELT-F



EL-F



EP-F



WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operating and maintenance instructions thoroughly before installing or servicing this equipment.

CROWN FOOD SERVICE EQUIPMENT

 A Middleby Company

70 Oakdale Road, Downsview (Toronto) Ontario, Canada, M3N 1V9

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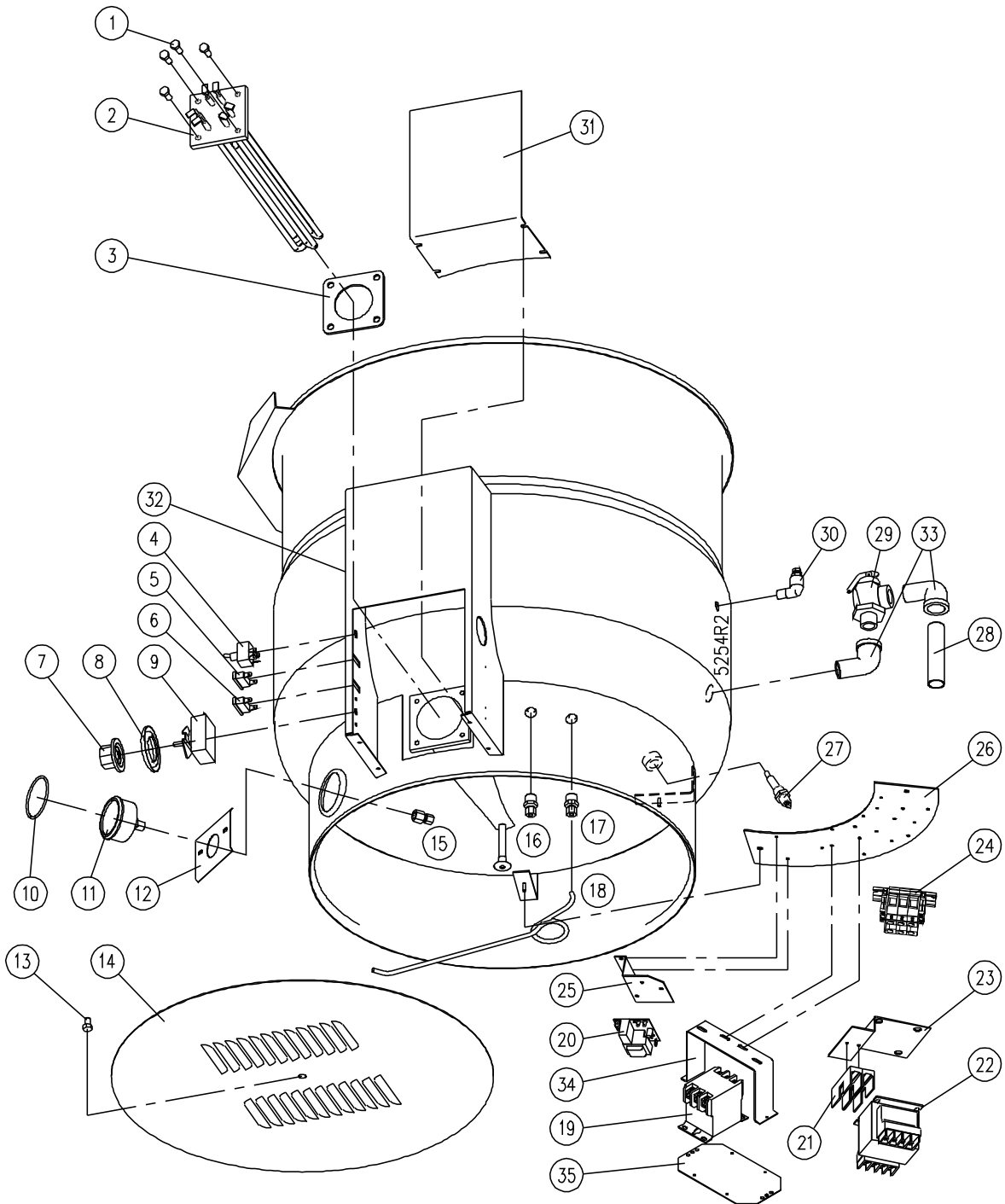
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PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 1



PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 1

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>				
			<u>20</u>	<u>30</u>	<u>40</u>	<u>60</u>	
1.	M50S-51618-34	Hex Bolt, 5/16 - 18 x 3/4 In. (1-66S6)	4	4	4	4	
**	2.	7-5027	Element Assembly, 208V, 18 kW	1	1	1	
		7-5028	Element Assembly, 220/380V, 18 kW	1	1	1	
		7-5029	Element Assembly, 240/416V, 18 kW	1	1	1	
		7-5030	Element Assembly, 480V, 18 kW	1	1	1	
		9-3298	Element Assembly, 600V, 18 kW	1	1	1	
		7-5031	Element Assembly, 208V, 24 kW	1	1	1	1
		7-5037	Element Assembly, 220/380V, 24 kW	1	1	1	1
		7-5032	Element Assembly, 240/416V, 24 kW	1	1	1	1
		7-5033	Element Assembly, 480V, 24 kW	1	1	1	1
		9-3299	Element Assembly, 600V, 24 kW	1	1	1	1
		7-5034	Element Assembly, 208V, 33 kW		1	1	1
		7-5038	Element Assembly, 220/380V, 33 kW		1	1	1
		7-5035	Element Assembly, 240/416V, 33 kW		1	1	1
		7-5036	Element Assembly, 480V, 33 kW		1	1	1
		2348-2	Element Assembly, 600V, 33 kW		1	1	1
	3.	5986-1	Element Gasket	1	1	1	1
	4.	9110-1	Power Switch	1	1	1	1
	5.	4996-5	Pilot Light - Amber, Low Water	1	1	1	1
	6.	4996-5	Pilot Light - Amber, Temperature	1	1	1	1
**	7.	6311-1	Knob Assembly (1-10)	1	1	1	1
		5975-2	Knob Assembly (°F)	1	1	1	1
		5976-2	Knob Assembly (°C)	1	1	1	1
	8.	3987-1	Bezel (4-TB05)	1	1	1	1
	9.	9126-1	Thermostat	1	1	1	1
	10.	9207-3	"O" Ring (2-230R)	1	1	1	1
	11.	4967-1	Pressure Gauge (3-PG00)	1	1	1	1

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>			
			<u>20</u>	<u>30</u>	<u>40</u>	<u>60</u>
12.	3407-1	Pressure Gauge Mounting Plate (8-3097)	1	1	1	1
13.	M50S-51618-58	Hex Bolt, 5/16 - 18 x 5/8" (1-66S4)	1	1	1	1
** 14.	3041-9	Bottom Cover, ELT-20F (8-2079)	1			
	3041-10	Bottom Cover, ELT-30F (8-2080)		1		
	3041-11	Bottom Cover, ELT-40F (8-2081)			1	
	3041-12	Bottom Cover, ELT-60F (8-2082)				1
	3041-3	Bottom Cover, EL-20F (8-2079-1)	1			
	3041-4	Bottom Cover, EL-30F (8-2080-1)		1		
	3041-5	Bottom Cover, EL-40F (8-2081-1)			1	
	3041-6	Bottom Cover, EL-60F (8-2082-2)				1
	7139-3	Bottom Cover, EP-20F	1			
	7139-4	Bottom Cover, EP-30F		1		
	7139-5	Bottom Cover, EP-40F			1	
	7139-6	Bottom Cover, EP-60F				1
15.	9814-2	Connector, 1/4 cc x 1/4 FPT (3-664B)	1	1	1	1
16.	9768-9	Connector, Thermostat (3-686C)	1	1	1	1
17.	9768-5	Connector, 1/4 cc x 3/8 MPT (3-684C)	1	1	1	1
18.	5514-2	Copper Tube, 1/4 x 28", 20 Gallon	1			
	5514-3	Copper Tube, 1/4 x 29", 30 Gallon		1		
	5514-4	Copper Tube, 1/4 x 33", 40 Gallon			1	
	5514-5	Copper Tube, 1/4 x 35", 60 Gallon				1
** 19.	9348-208	Contact, 208 - 240V, 18 kW, 24 kW	2	2	2	2
	9348-208	Contact, 380 - 600V, 18 kW, 24 kW	1	1	1	1
	9349-208	Contact, 208 - 240V, 33 kW		2	2	2
	9349-208	Contact, 380 - 600V, 33 kW		1	1	1
20.	3974-2	Low Water Cut Off	1	1	1	1
** 21.	9002-1	Fuse Holder, 380 - 600V	2	2	2	2
	9001-7	Fuse, 2 Amp., 380V - 600V	2	2	2	2

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>			
			<u>20</u>	<u>30</u>	<u>40</u>	<u>60</u>
	9092-3	Glass Fuse, 3A, 208-240V	2	2	2	2
	9068-1	Fuse Holder, 208-240V	2	2	2	2
	9092-3	Glass Fuse, Fuse 3A, 380/220V & 415/240V	1	1	1	1
	9068-1	Fuse Holder, 380/220V & 415/240V	1	1	1	1
**	22.	4-T251 Transformer, 380-220, 50/60 Hz, 100VA	1	1	1	1
		4-T251 Transformer, 415-220, 50/60 Hz, 100VA	1	1	1	1
		4-T255 Transformer, 480-240, 50/60 Hz, 100VA	1	1	1	1
		4-T260 Transformer, 600-240, 60 Hz, 100VA	1	1	1	1
	23.	5164-1 Transformer Fuse Block Mounting Bracket	1	1	1	1
**	24.	6161-3 Modular Terminal Assembly, 3 Pole	1	1	1	1
		Includes Following Parts:				
		9374-1 Modular Terminal, Grey	3	3	3	3
		9375-1 End Plate	1	1	1	1
		9369-1 End Clamp	2	2	2	2
		9368-079 Mounting Rail, 79 mm	1	1	1	1
		6161-4N Modular Terminal Assembly, 4 Pole	1	1	1	1
		Includes Following Parts:				
		9374-1 Modular Terminal, Grey	3	3	3	3
		9374-2 Modular Terminal, Blue	1	1	1	1
		9375-1 End Plate	1	1	1	1
		9369-1 End Clamp	2	2	2	2
		9368-098 Mounting Rail, 98 mm	1	1	1	1
	25.	5885-1 Bracket, Level Control	1	1	1	1
**	26.	2782-1 Component Mounting Plate (8-2072)	1			
		2784-1 Component Mounting Plate (8-2073)		1		

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>				
			<u>20</u>	<u>30</u>	<u>40</u>	<u>60</u>	
	2785-1	Component Mounting Plate (8-2074)			1	1	
27.	4-LLP1	Probe, 2-1/16 Lg.	1	1	1	1	
28.	5184-1	Extension, Relief Valve	1	1	1	1	
29.	3529-2	Safety Relief Valve, 50 psi (3-SRV9-1)	1	1	1	1	
30.	3-AV01	Air Vent Assembly	1	1	1	1	
**	31.	6880-3	Control Box Cover, 20 Gallon (8-3030-2)	1			
		6880-4	Control Box Cover, 30 Gallon (8-3030-3)		1		
		6880-5	Control Box Cover, 40 Gallon (8-3030-4)			1	
		6880-6	Control Box Cover, 60 Gallon (8-3030-5)				1
*	32.	6561-4	Control Panel Decal	1			
		6561-5	Control Panel Decal		1		
		6561-6	Control Panel Decal			1	
		6561-7	Control Panel Decal				1
	33.	9012-4P	Street Elbow 90°, 3/4 NPT	2	2	2	2
**	34.	8234-1	Contactoer Bracket, (208-240V)	1	1	1	1
		8369-1	Contactoer Bracket (280-600V)	1	1	1	1
**	35.	6042-1	Contactoer Plate, (208-240V)	1	1	1	1
		6126-1	Contactoer Plate (310-600V)	1	1	1	1

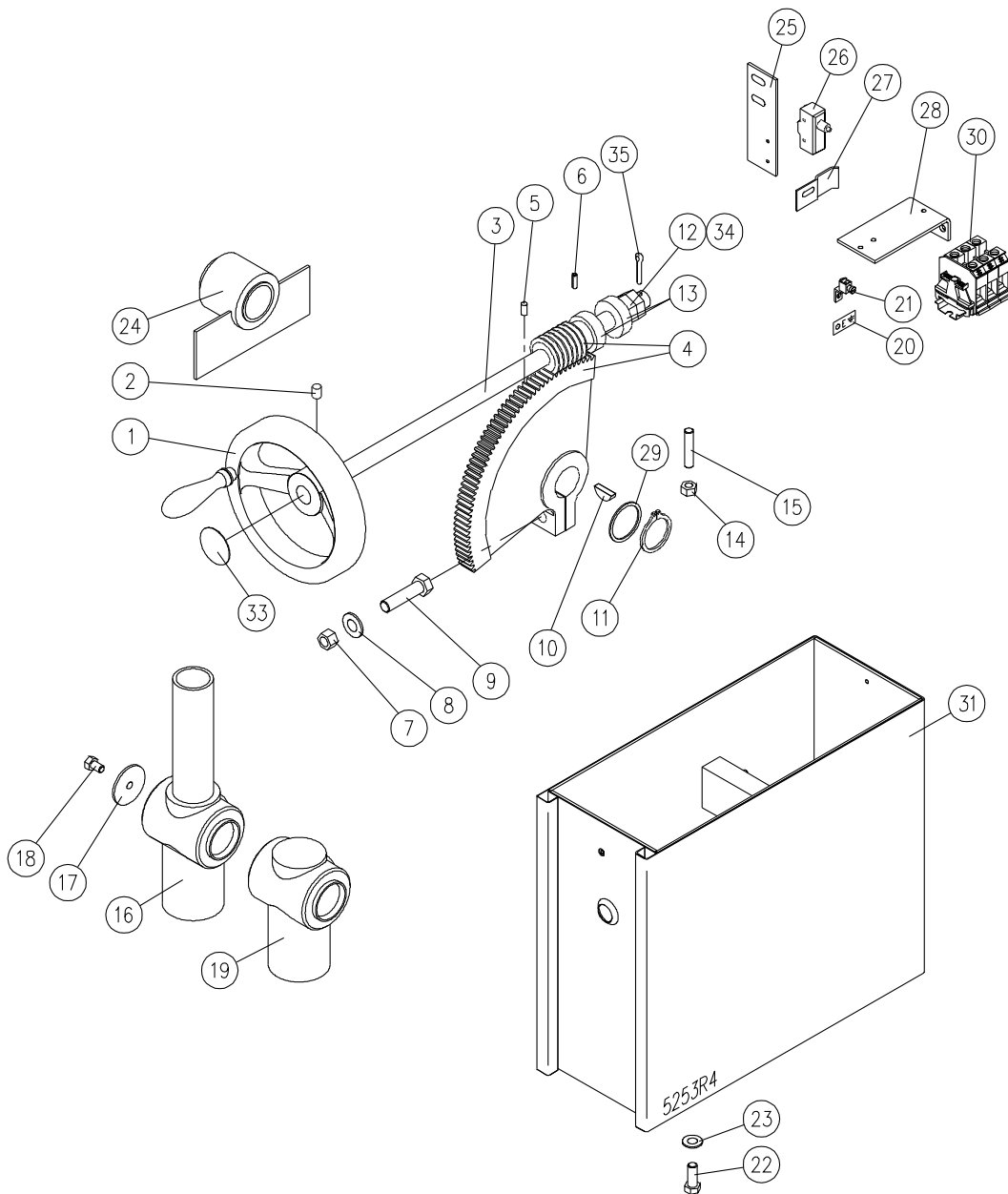
* NOT SHOWN.

** SELECT AS REQUIRED.

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

TILT CONSOLE PARTS

FIGURE 2



PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 2

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1.	8-2054	Hand Wheel	1
2.	S2102P-3816-12	Set Screw 3/8 -16 x 1/2", (1-72U4)	1
3.	6738-2	Tilt Shaft	1
4.	5393-1	Segment Gear & Worm Gear Kit (Includes items 5 to 11)	1
5.	S2101N-1420-12	Set Screw, 1/4 - 20 x 1/2" (1-52U4)	1
6.	9032-7	Tension Pin, 3/16" Diameter x 1-1/4" Length, (2-T6U5)	1
7.	HN01X-1213	Nut, 1/2 - 13, (1-99C0)	1
8.	F101X-12	Lock Washer, 1/2", (1-W4C0)	1
9.	M50X-1213-2	Bolt, 1/2 - 13 x 2", (2-96C8)	1
10.	5312-3	Key Woodruff, (1-K8U8)	1
11.	1-R315	Retaining Ring	1
12.	9029-22	Jam Nut (2-HN66)	2
13.	5327-1	Thrust Bearing	2
14.	HN01X-3816	Nut, 3/8 - 16 (1-79C0)	1
15.	S2101P-3816-134	Set Screw, 3/8 - 16 x 1-3/4", (2-72U7)	1
16.	8-2085EE	Outbore Bearing complete with extension - used on spring assist covers only - specify model.	1
17.	3962-1	Stainless Steel Washer (9-3197)	1
18.	M50S-51618-12	Bolt (9-3198)	1
19.	8-2085E	Outbore Bearing	1
20.	4188-1	Ground ID Tag (9-3104)	1
21.	4190-1	Ground Lug, (4-70EU)	1

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 2

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
22.	M50C-3816-1	Bolt 3/8-16 x 1", (1-75C8)	4
23.	S01X-38	Lock Washer 3/8", (1-70C0)	4
24.	8-2090	Block Bearing	1
25.	4653-1	Micro Switch Bracket	1
26.	9228-1	Micro Switch (4-M605)	1
27.	4359-1	Micro Switch Activator Bracket	1
28.	4214-1	Terminal Block Bracket	1
29.	5259-1	Spacer, 1/16" Thick	As Required
30.	6161-3	Modular Terminal Assembly, 3 Pole	1
		Includes Following Parts:	
	9374-1	Modular Terminal, Grey	3
	9375-1	End Plate	1
	9369-1	End Clamp	2
	9368-079	Mounting Rail, 79 mm	1
	6161-4N	Modular Terminal Assembly, 4 Pole	1
		Includes Following Parts:	
	9374-1	Modular Terminal, Grey	3
	9374-2	Modular Terminal, Blue	1
	9375-1	End Plate	1
	9369-1	End Clamp	2
	9368-098	Mounting Rail, 98 mm	1
31.	2960-1	Console Assembly, ELT	1

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

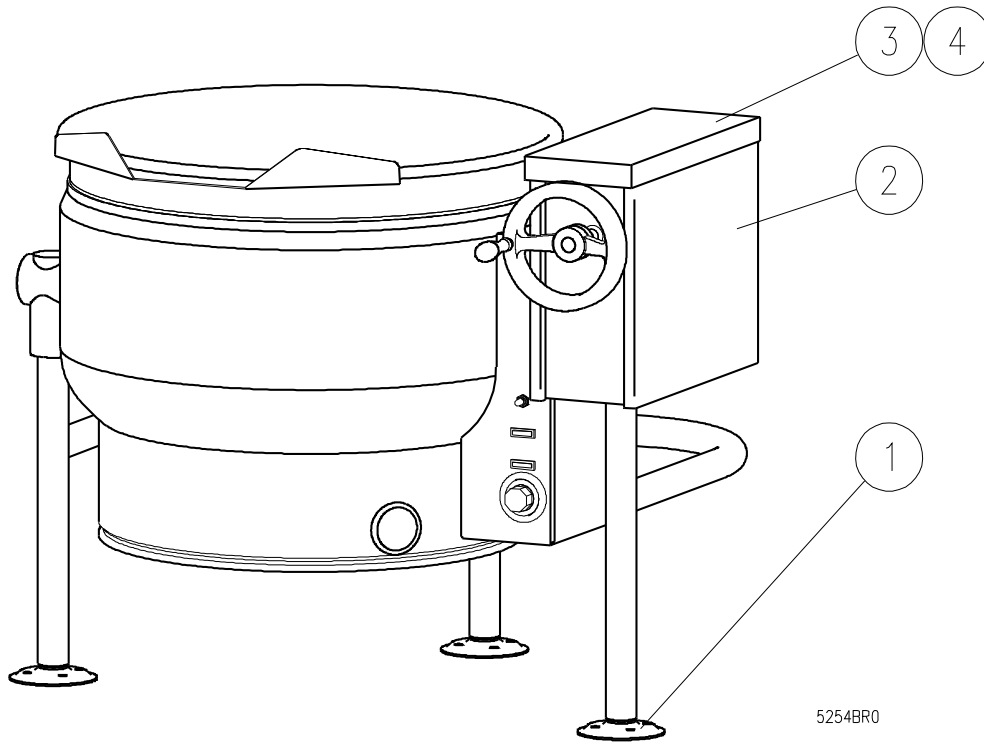
<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
* 32.	M33S-1032-12	Screw, Console Cover, 10 - 32 x 1/2", (1-34S4)	1
33.	5608-1	Decal - Tilt	1
34.	5328-1	Washer, 3/4 ID x 1-1/4 OD	1
35.	5329-1	Cotter Pin S.S. 3/16" x 1"	1

* NOT SHOWN.

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

PARTS LIST

FIGURE 3



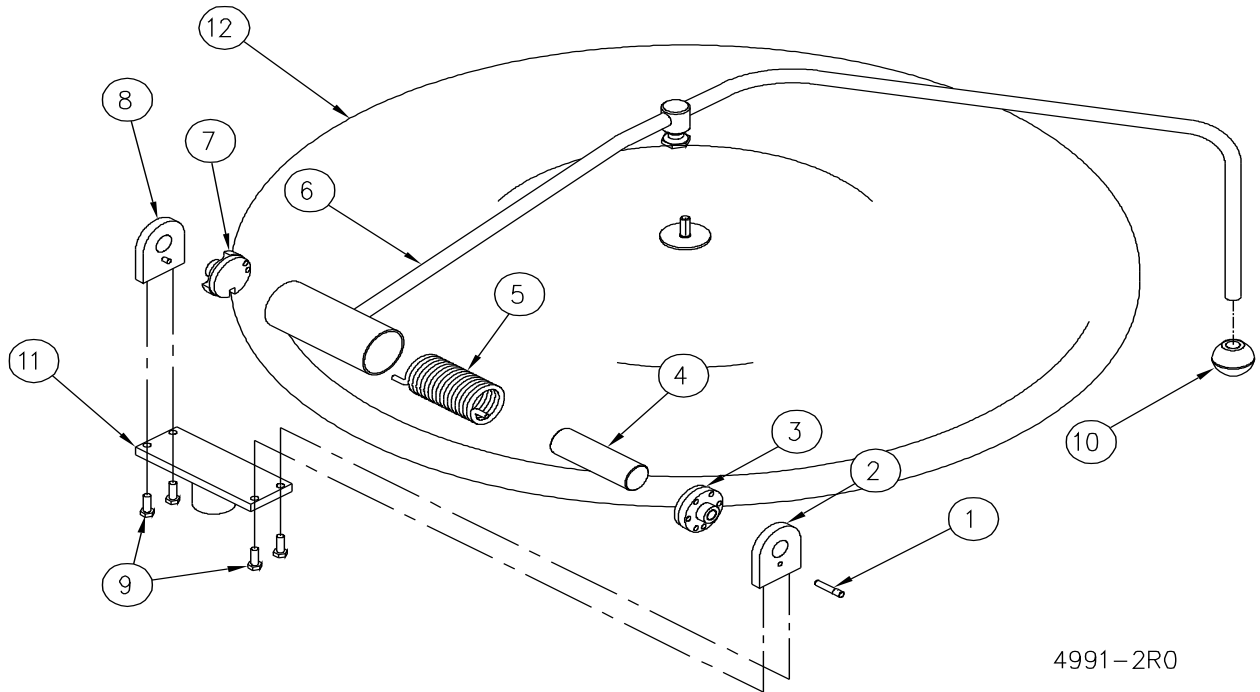
ELT-F

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
1.	8-1308	Adjustable Flanged Foot	3
2.	2960-1	Console Box	1
3.	3534-1	Console Cover	1
4.	M33S-1032-12	Screw, 10 - 32 x 1/2", (1-34S4)	1

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 4

SPRING ASSIST HINGE ASSEMBLY



PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

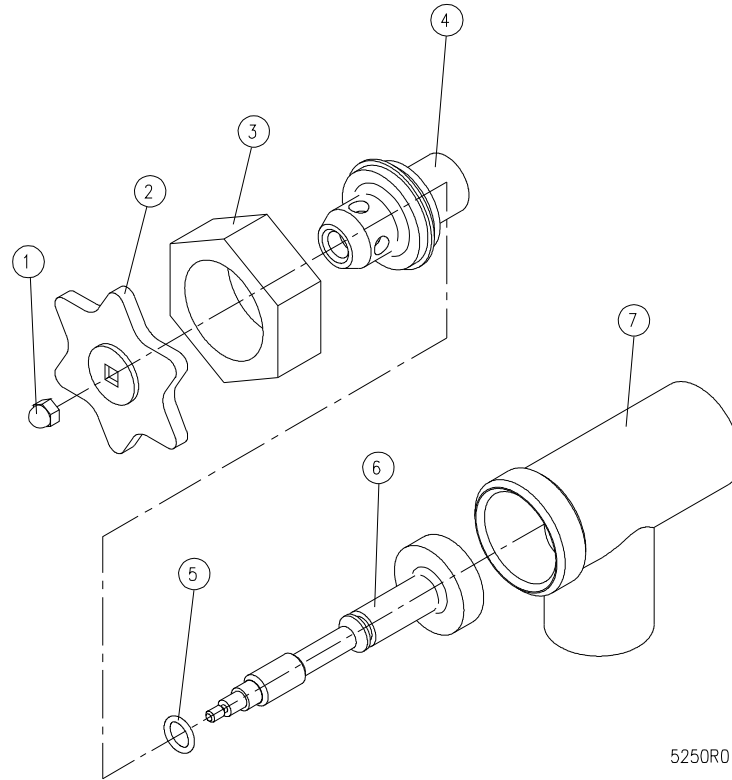
FIGURE 4

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	9-3185	HINGE ASSEMBLY	
1.	3725-1	Lock Pin, (8-2029)	1
2.	3726-1	End Lock Plate, (8-2035L)	1
3.	5428-1	Stationary Disc	1
4.	5430-1	Core	1
5.	4008-1	Spring, (8-2026)	1
** 6.	4990-18	Handle Assembly, 20 Gallon Kettle (8-2028-2)	1
	4990-19	Handle Assembly, 30 Gallon Kettle (8-2027)	1
	4990-21	Handle Assembly, 40 Gallon Kettle (8-2027-1)	1
	4990-23	Handle Assembly, 60 Gallon Kettle (8-2027-2)	1
7.	5429-1	Rotary Disc	1
8.	3727-1	End Stop Plate, (8-2021)	1
9.	M68S-1420-34	Cap Screws, 1/4 - 20 x 3/4, Stainless Steel, (1-56S6)	4
10.	9147-1	Knob (2-KB01)	1
11.	4261-1	Mounting Plate Assembly - Tilting Models Only	1
** 12.	8985-4	Covers, 20 Gallon Kettle, (8-2005)	1
	8985-5	Covers, 30 Gallon Kettle, (8-2006)	1
	8985-6	Covers, 40 Gallon Kettle, (8-2007)	1
	8985-7	Covers, 60 Gallon Kettle, (8-2008)	1

** SELECT AS REQUIRED.

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

FIGURE 5



DRAW-OFF VALVE

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	4219-1	1 - 1/2" DRAW-OFF VALVE ASSEMBLY, (3-D015)	
1.	9031-3	Acorn Nut, 10-24 UNC	1
2.	4115-1	Handle, Stainless Steel	1
3.	4221-1	Gland Nut, (3-DV13)	1
4.	4220-1	Bonnet, (3-DV14)	1
5.	9287-1	"O" Ring, (3-DV16)	1
6.	4222-1	Stem Assembly, (3-DV15RV)	1
7.	4223-1	Valve Body, (3-DV17)	1

PARTS LIST, SELF-GENERATING STEAM FULL JACKET KETTLES,
ELT-F, EL-F, EP-F

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	4136-1	2" DRAW-OFF VALVE ASSEMBLY (3-D020)	
1.	9031-3	Acorn Nut, 10-24 UNC	1
2.	4115-1	Handle, Stainless Steel	1
3.	4216-1	Gland Nut (3-DV23)	1
4.	4215-1	Bonnet, (3-DV24)	1
5.	9207-1	"O" Ring, (3-DV26)	1
6.	4217-1	Stem Assembly, (3-DV25RV)	1
7.	4218-1	Valve Body, (3-DV27)	1

<u>ITEM</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
	3995-1	3" DRAW-OFF VALVE ASSEMBLY, (3-D030)	
1.	3-DV31	Acorn Nut, 7/16-14 UNC	1
2.	3996-1	Handle, Stainless Steel, (3-DV32)	1
3.	3998-1	Gland Nut, (3-DV33)	1
4.	3997-1	Bonnet, (3-DV34)	1
5.	9411-1	"O" Ring, (3-DV36)	1
6.	3999-1	Stem Assembly, (3-DV35RV)	1
7.	4000-1	Valve Body, (3-DV37)	1