



MARKET FORGE

IMPORTANT FOR FUTURE REFERENCE

Please complete this information and retain this manual for the life of the equipment:

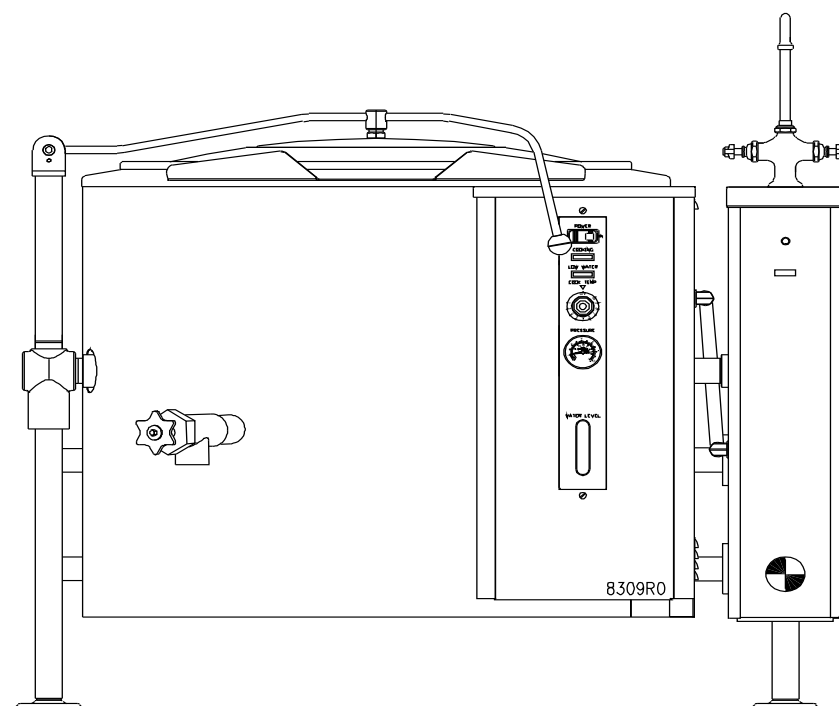
Model #: _____

Serial #: _____

Date Purchased: _____

PARTS LIST

Short Height Full Jacket Gas Tilting Kettle FT-40GLS



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

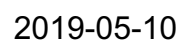
Telephone: 919-762-1000

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Printed in Canada



FIGURE 1



PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 1

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
	1.	4996-6 Pilot Light, Green, 24V	1
*	2.	8303-2 Decal, Lighting/Operating Instructions	1
	3.	6118-1 Low Water & Temp. Control Bracket	1
	4.	3738-14 Probe, 9-1/4 Lg.	1
	5.	3974-1 Level Control, Direct Acting, 100K OHM, 120V, 60 Hz	1
	6.	5517-1 Potentiometer	1
**	7.	7002-1 Operating Panel Label - Burgundy	1
		7002-3 Operating Panel Label - Black	1
	8.	9130-2 Switch, Rocker, Water Resistant DPST	1
	9.	4996-1114 Pilot Light, Green/Red, 125 V	1
	10.	4996-3 Pilot Light, Amber, 125V	1
	11.	4-TD02 Knob	1
	12.	9-3240 Pressure Gauge Bracket	1
	12A.	5845-1 Pressure Gauge Clip	1
	13.	4967-1 Pressure Gauge	1
	14.	8351-1 Controls Bracket	1
	15.	5285-1 Sight Glass Assembly	1
		9108-6 Tubular Gauge Glass, 5/8 x 8 Lg.	1
		8-6016 Rods, #98-316-14	2
		8-6018 Washer, Rubber	2
		8-6019 Washer, Brass	2
	16.	116-6490 Pressure Switch	1
	17.	8-1308 Leg Adjustable Pad Assembly	2
*	18.	2976-3 Combustion Chamber Assembly	1

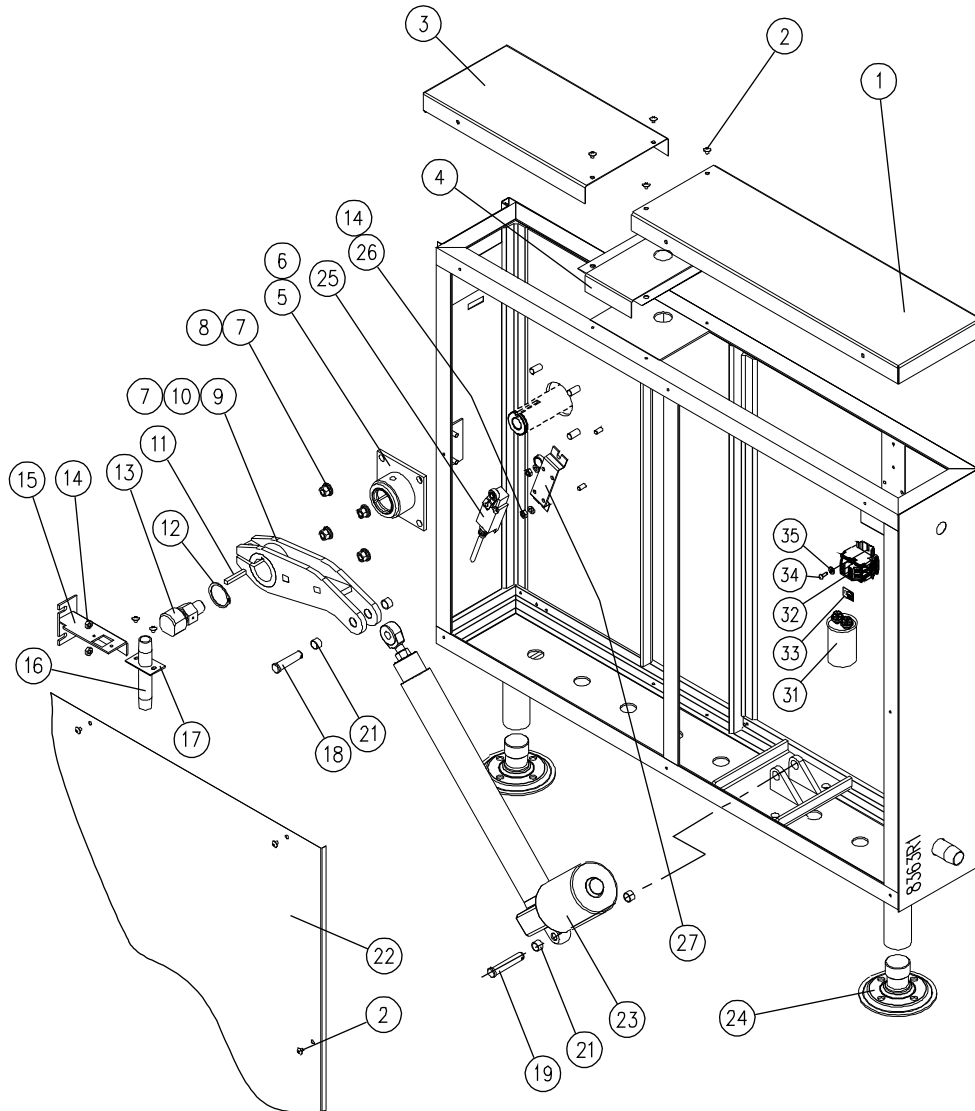
PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY</u>
19.	7790-1	Recess Control Panel	1
* 20.	3586-3	Bottom Insulation Cover	1
21.	7819-1	Compartment Panel	1
22.	3-113C112	Brass Pipe Nipple, 3/8 x 1-1/2 Lg.	1
23.	3-103C	Brass Coupling, 3/8 NPT	1
24.	3-T684C	Tank Fitting, Brass, 1/4C x 3/8 MPT	1
25.	8329-3	Bottom Cover Assembly with Insulation	1
* 26.	8328-3	Insulation, Bottom Cover, 60 Gal.	1
27.	4174-2	Temperature Control	1
28.	4309-1	Temperature Probe Assembly	1
29.	9111-1	Toggle Switch	1
* 30.	9026-18	Gas Flex Hose (9-3331)	1
31.	9068-1	Fuse Holder	1
32.	9092-3	Fuse, 2 Amp, 250V	1

* NOT SHOWN.

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 2



PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 2

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1.	6122-1	Console Cover, Rear	1
2.	M33S-1032-12	Truss HD Slot Screws, 10-32 x 1/2	15
3.	8353-1	Console Cover, Front	1
4.	4013-3	Console Cover, Faucet	1
5.	2460-1	Trunnion Housing Assembly	1
* 6.	4898-1	Grease Nipple, 1/8 NPT	1
7.	S01C-38	Lock Washer, 3/8	5
8.	HN01C-3816	Hex Nut, 3/8 - 16	4
9.	8348-1	Tilting Arm	1
* 10.	M68C-3816-1	Socket Head Screw, 3/8 - 16 x 1"	1
11.	6321-3	Square Key	1
12.	1-R315	Retaining Ring	1
13.	9196-1	Gas Swivel Assembly	1
14.	9029-1	Hex Nut, 1/4-20	4
15.	6123-1	Stopper Assembly	1
16.	9009-040	Black Pipe Nipple, 1/2" NPT x 4"	1
17.	6110-1	Nipple Plate	1
18.	5605-2	Clevis Pin, 1/2" x 2"	1
19.	5605-3	Clevis Pin, 1/2" x 2-1/2"	1
* 20.	5329-5	Cotter Pin	2
21.	9263-0806	Bushing	4
22.	8354-1	Console Wraparound	1
23.	9352-1	Actuator	1
24.	8-1308	Adjustable Foot	2

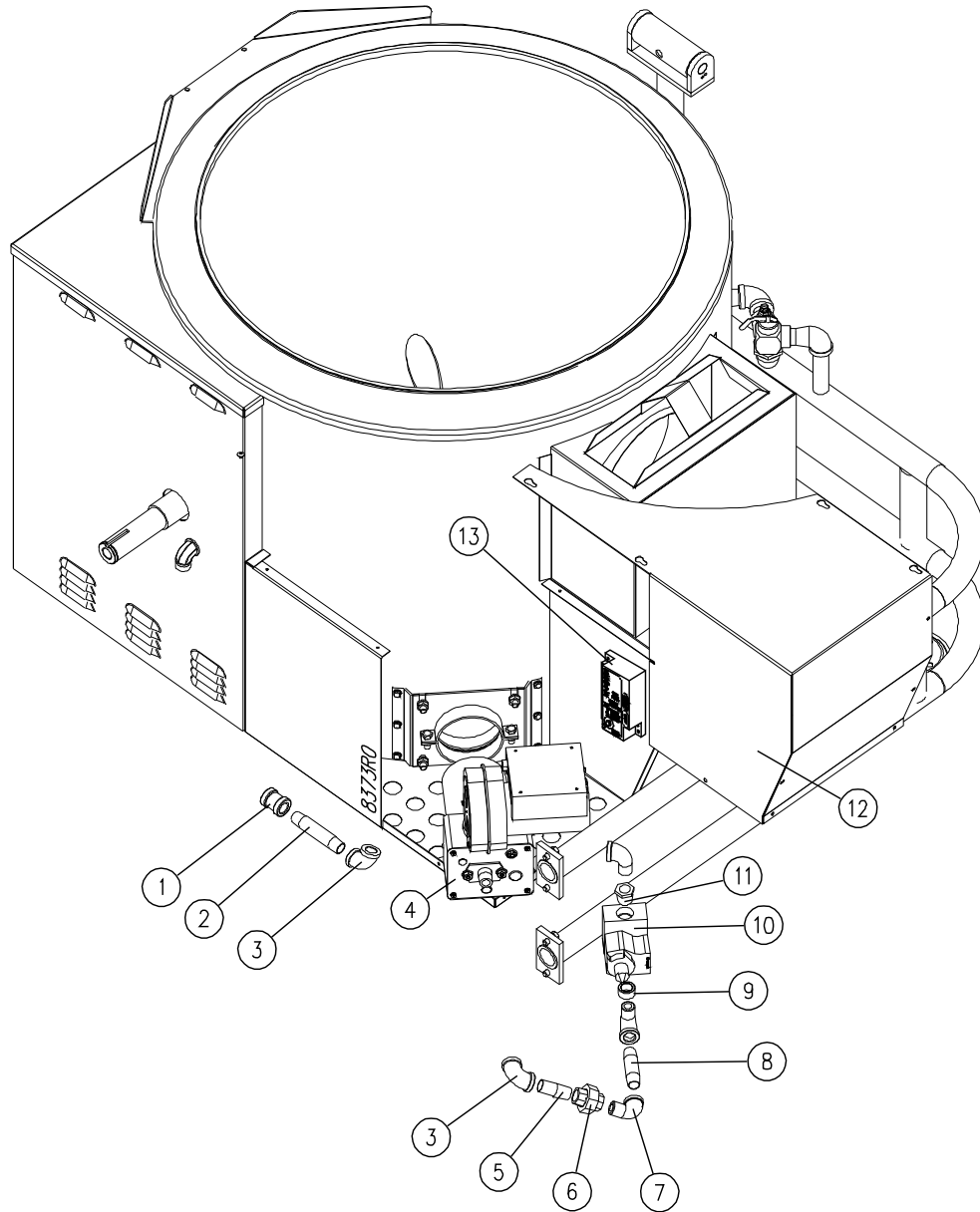
PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
25.	9168-1	Tilt Limit Switch	1
26.	S01C-14	Lock Washer, 1/4	2
27.	6274-1	Bracket, Limit Switch	1
* 28.	M93C-1032-38	Pan Head Slot Screw, #10-32 x 3/8"	4
* 29.	9058-2	90° Connector, 1/2"	1
* 30.	4127-3	Cord Set	1
31.	9353-1	Capacitor, 30.0 MFD	1
32.	9390-2	Terminal Block Assembly, 2 Pole	1
		Includes the following parts:	
	9391-1	Modular Terminal	2
	9392-1	End Plate	1
	9393-1	End Clamp	2
	9394-053	Mounting Rail	1
33.	4188-1	Earth/Ground ID Tag	1
34.	M13X-832-14	Round Head Screw, #8-32 x 1/4 Long	2
35.	E01X-8	External Tooth Lock Washer #8	2

* NOT SHOWN

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 3



PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 3

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1.	9042-3	1/2" NPT Connector	1
2.	9009-040	Nipple, 1/2" x 4" Long	1
3.	9011-3	Elbow, Regular	2
4.	9365-1	Alternate Power Burner	1
5.	9009-000	Closed Nipple B-MN12-CL	1
6.	9015-3	Union, 1/2" NPT	1
7.	9012-3	Strait Elbow, 1/2" NPT	3
8.	9009-030	Nipple, 1/2" NPT x 3" Long	1
9.	9201-1	Adaptor, 3/4" NPT x 1/2" NPT	1
10.	5449-2	Gas Valve (Nat./LP), 3/4" x 3/4"	1
11.	9033-2	Black Reducer Bushing	1
12.	8332-1	Enclosure Cover	1
13.	3876-2	DSI Module	1
**	14.	9136-4 Orifice #4, Natural Gas	1
		9136-20 Orifice #20, L.P. Gas	1
*	15.	9026-18 Gas Flex Tube	1
*	16.	4618-187 Enclosure Cover Gasket	1
*	17.	9141-2 Ignition Wire	1

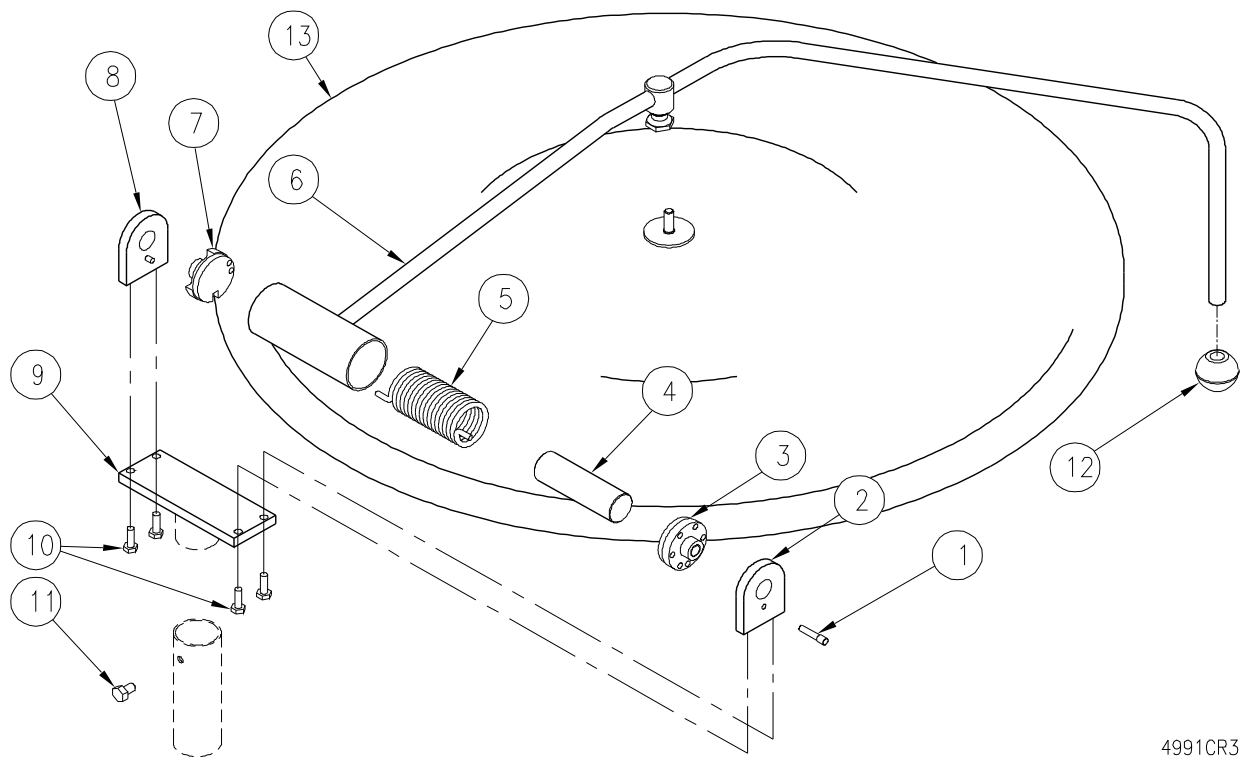
* NOT SHOWN

** SELECT AS REQUIRED.

- a) Orifices opening dimension is calculated for an elevation from 0 to 2,000 feet. For the proper orifice dimension for your application please contact the manufacturer (for elevations over 2,000 feet.)

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 4



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PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 4

SPRING ASSSIST HINGE ASSEMBLY

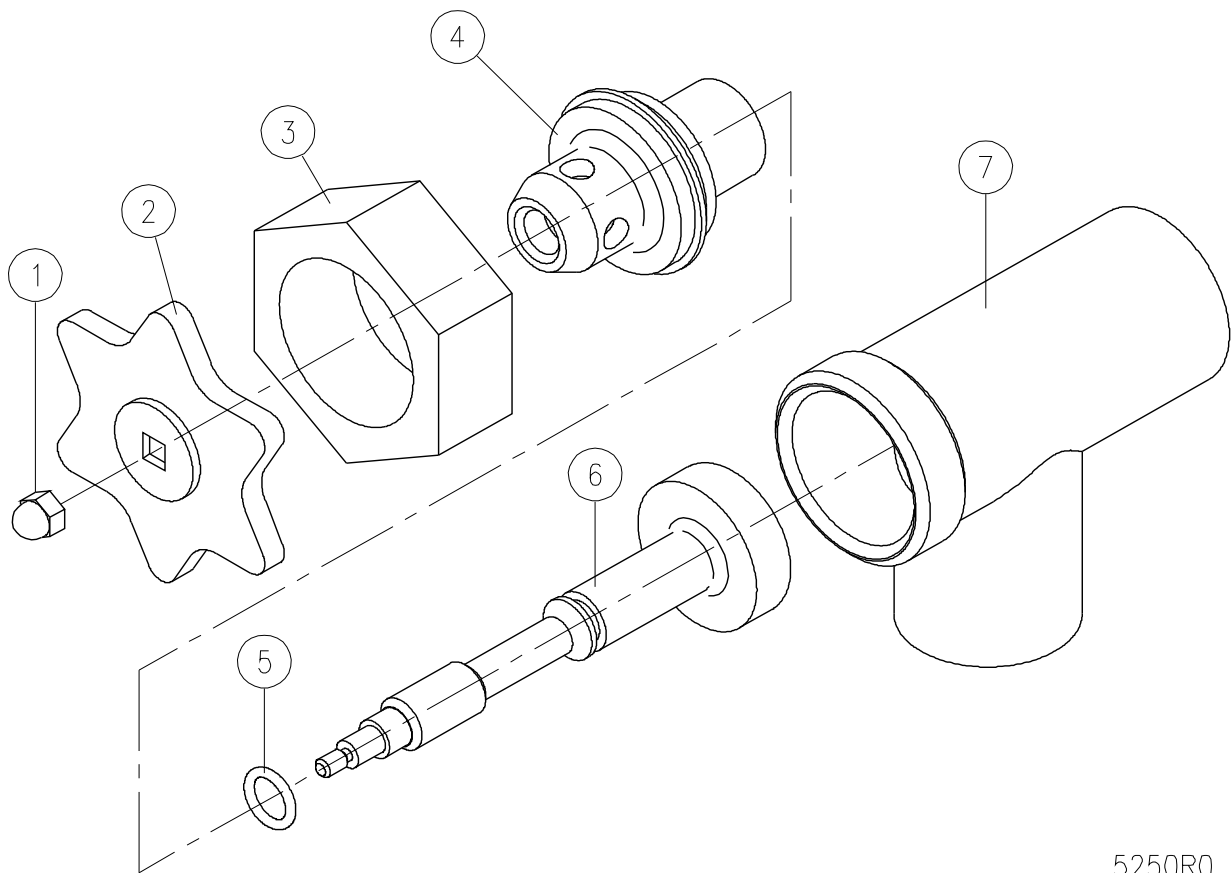
<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
	9-3185	HINGE ASSEMBLY (Includes Parts: 1, 2, 3, 4, 5, 7, 8)	
1.	8-2029	Lock Pin	1
2.	8-2035L	End Lock Plate	1
3.	5428-1	Stationary Disc	1
4.	5430-1	Core	1
5.	8-2026	Spring	1
6.	8389-2	Handle Assembly	1
7.	5429-1	Rotary Disc	1
8.	8-2021	End Stop Plate	1
9.	4261-2	Hinge Support Riser	1
10.	M50S-1420-34	Hex Hd Screws, 1/4 - 20 x 3/4	4
11.	M50S-51618-12	Hex Hd Screw, 5/16-18-1/2	1
** 12.	2-KB01	Knob	1
13.	8-2006	Cover	1

** SELECT AS REQUIRED.

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 5

DRAW-OFF VALVE



5250R0

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 5

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
	3-D015	1-1/2" DRAW-OFF VALVE ASSEMBLY	1
1.	9031-3	Acorn Nut, 10-24 UNC	1
2.	4115-1	Handle, Stainless Steel	1
3.	3-DV14	Bonnet	1
4.	3-DV13	Gland Nut	1
5.	3-DV16	"O" Ring	1
6.	3-DV15RV	Stem Assembly	1
7.	3-DV17	Valve Body	1

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
	3-D020	2" DRAW-OFF VALVE ASSEMBLY	1
1.	9031-3	Acorn Nut, 10-24 UNC	1
2.	4115-1	Handle, Stainless Steel	1
3.	3-DV24	Bonnet	1
4.	3-DV23	Gland Nut	1
5.	3-DV26	"O" Ring	1
6.	3-DV25RV	Stem Assembly	1
7.	3-DV27	Valve Body	1

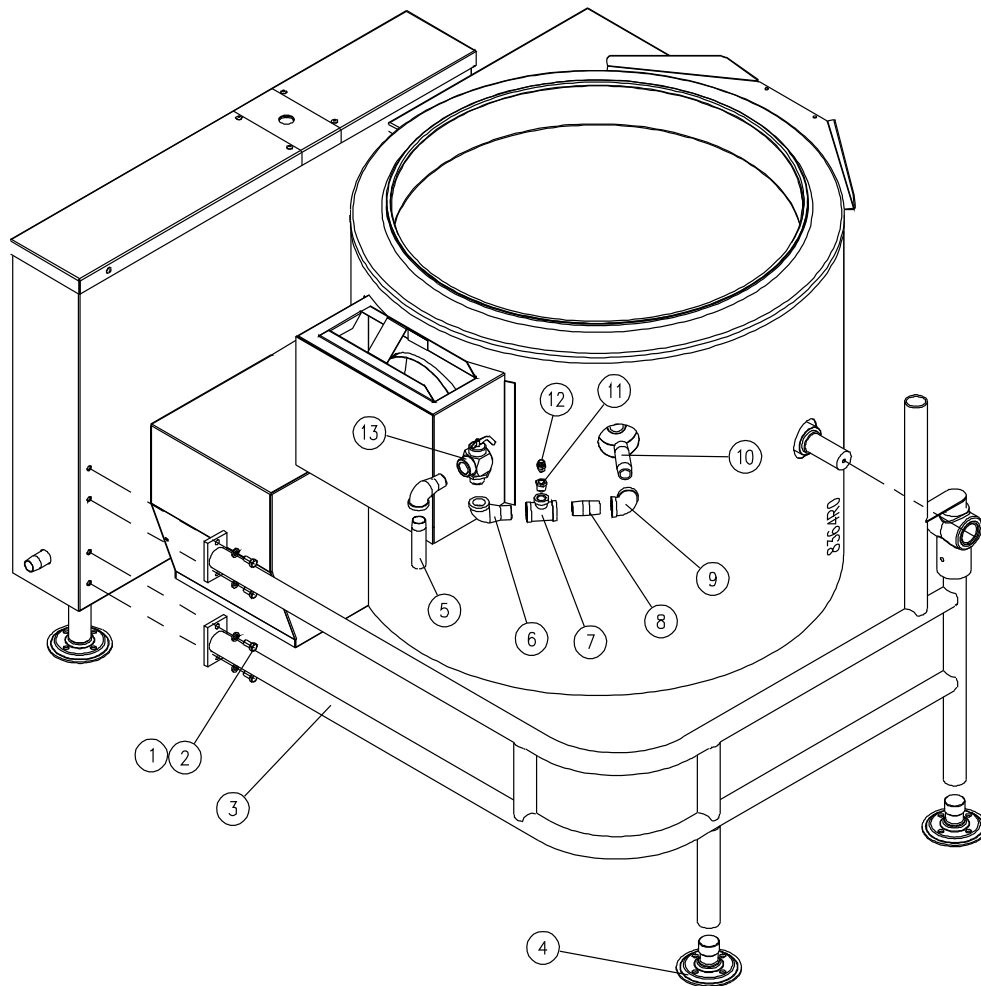
PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 5

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
	3-D030	3" DRAW-OFF VALVE ASSEMBLY	
1.	3-DV31	Acorn Nut, 7/16 - 14 UNC	1
2.	3-DV32	Handle, Stainless Steel	1
3.	3-DV34	Bonnet	1
4.	3-DV33	Gland Nut	1
5.	3-DV36	"O" Ring	1
6.	3-DV35RV	Stem Assembly	1
7.	3-DV37	Valve Body	1

PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 6



PARTS LIST, GAS TILTING KETTLE, MODEL FT-40GLS

FIGURE 6

<u>ITEM</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
1.	M50S-3816-12	Hex Head Screws, 3/8-16 UNC x 1/2" Lg.	4
2.	S01C38	Lock Washer, 3/8"	4
** 3.	8344-1	Left Hand Trunnion Support Assembly	1
	8344-2	L.H. Trunnion Support Assy. Without Cover Support	1
4.	3223-1	Adjustable Foot	2
5.	5184-1	Relief Valve Extension	1
6.	9012-4P	Threaded Elbow, 3/4 M x 3/4 F	2
7.	9013-6P	Tee, 3/4 x 3/4 x 3/8, Plated	1
8.	9010-020	Nipple, 3/4" x 2" Long	1
9.	9011-4	Elbow, Regular, 3/4"	1
10.	9010-034	Nipple, 3/4" NPT x 3-1/2" Long	1
11.	3-110CB	Brass Adaptor, 3/8" to 1/4"	1
12.	9343-1	Air Vent	1
13.	3-SRV9-1	Pressure Release Valve, 50 PSI	1

** SELECT AS REQUIRED.