



MARKET FORGE

FT-12CG GAS FIRED STEAM JACKETED TILTING KETTLE PARTS AND SERVICE MANUAL

EFFECTIVE SEPTEMBER 18, 2014

Superseding All Previous Parts Lists.

The Company reserves the right to make substitution in the event that items specified are not available.

ERRORS: Descriptive and/or typographic errors are subject to correction.

MARKET FORGE

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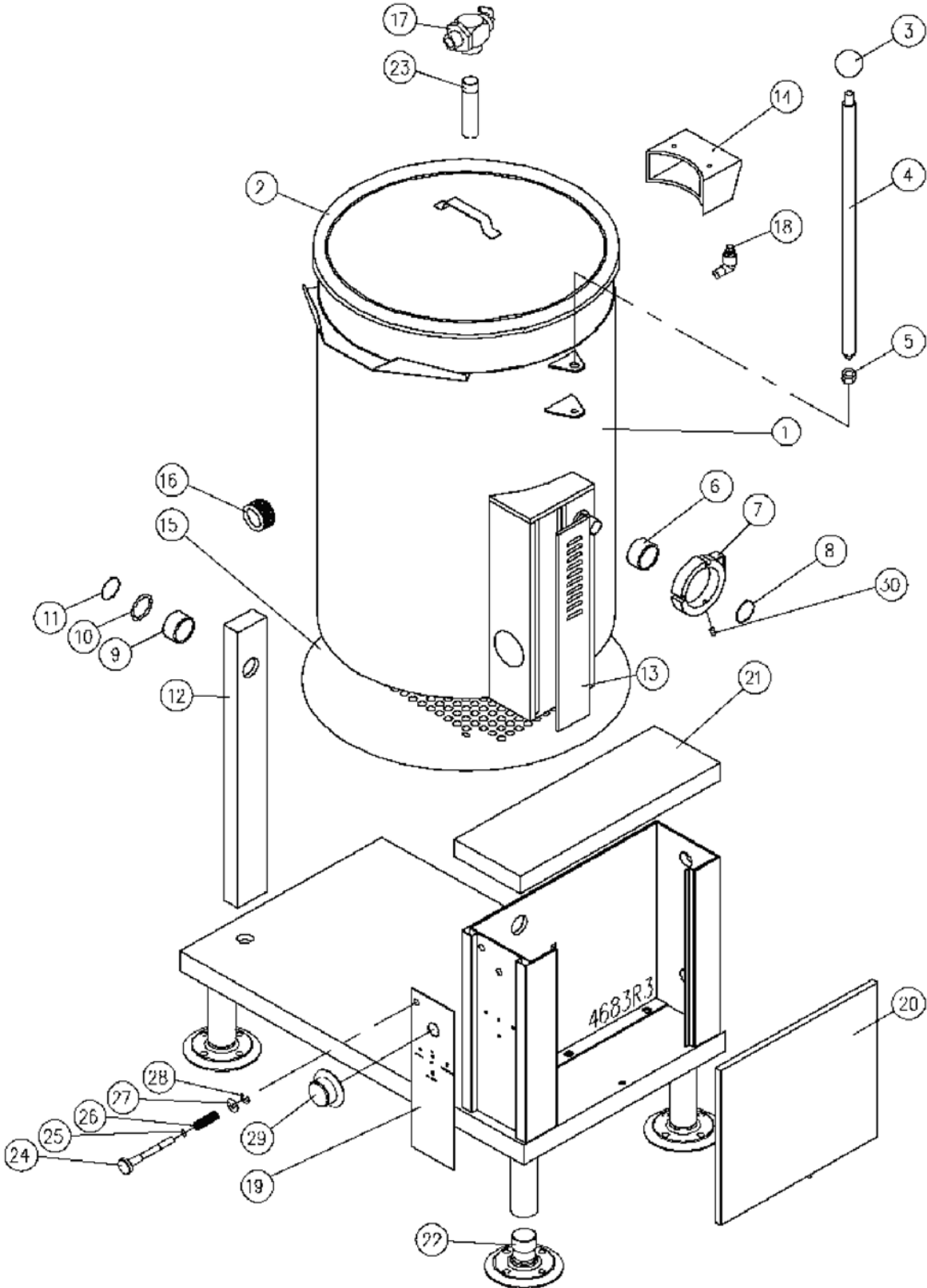
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COMPLETE EXPLODED VIEW

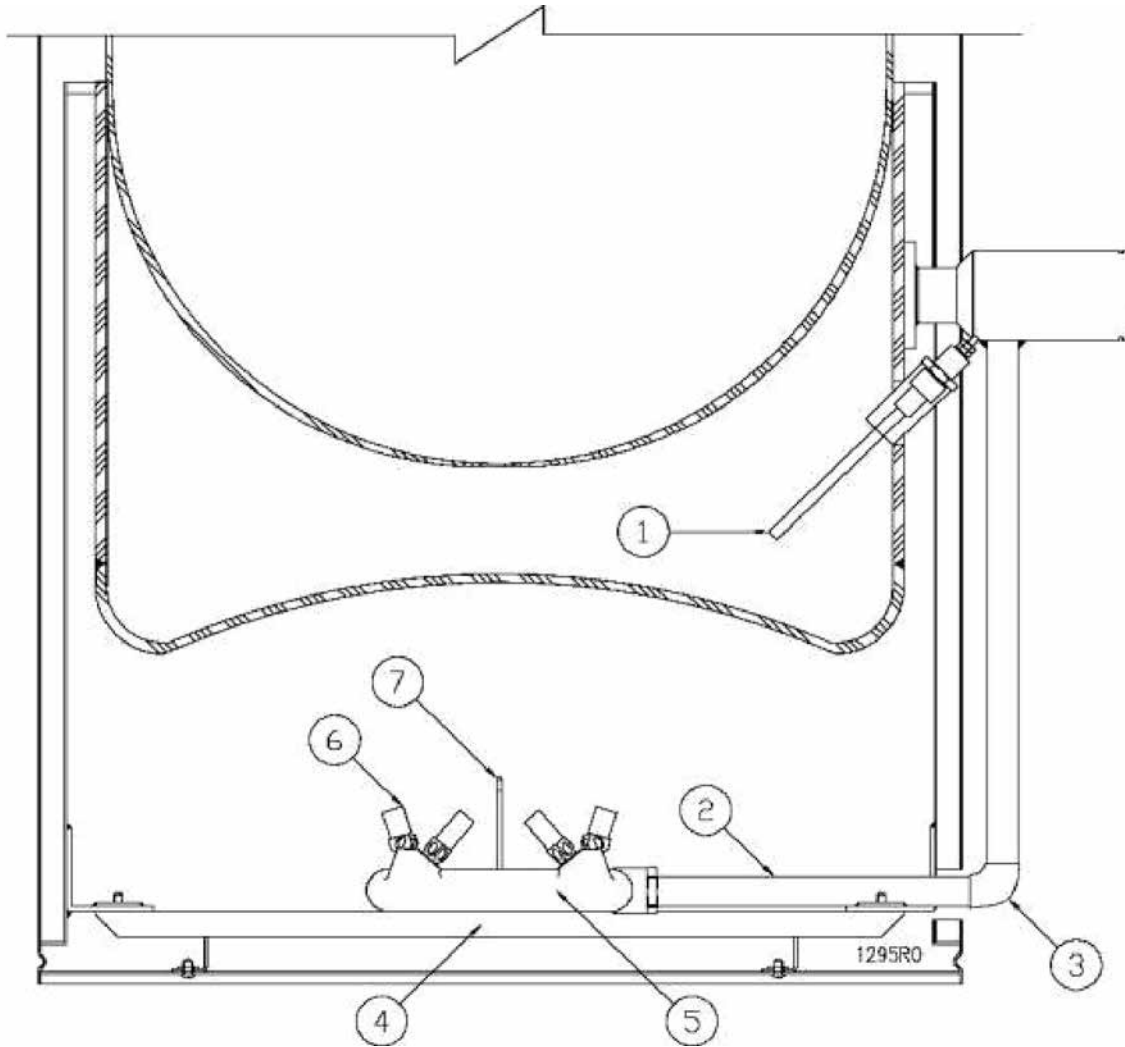


COMPLETE EXPLODED VIEW

ITEM	PART NO.	DESCRIPTION	QTY
1	97-7341	Kettle Assembly	1
2	09-1182	Lift Off Cover	1
3	97-5008	Knob	1
4	97-7145	Handle Assembly	1
5	97-7342	Acorn Nut, 1/2 - 13 NC	1
6	97-7343	Bearing	1
7	97-7344	Actuator Collar	1
8	97-7345	Retaining Ring, 2"	1
9	97-7346	Bearing, Bronze Bushing	1
10	97-7347	Washer	1
11	97-7348	Retaining Ring, 1"	1
12	97-7349	Leg Post	1
13	97-7350	Trunnion Box Side Panel	1
14	97-7351	Flue Assembly	1
15	97-7352	Bottom Cover	1
16	97-7353	Sight Glass Assembly	1
17	97-5009	Relief Valve, 50 PSI	1
18	97-5415	Air Vent Assembly	1
**19	97-7354	Operating Label, English	1
**19	97-7355	Operating Label, French	1
20	97-7356	Side Panel	1
21	97-7357	Console Cover	1
22	97-5032	Flanged Foot, Adjustable	4
23	97-6368	Down Tube, Relief Valve (ECTW)	1
24	97-5919	Marine Lock Pin	1
25	97-5918	"O" Ring	1
26	97-5917	Spring	1
27	97-7142	Washer	2
28	97-5915	External Retaining Ring Clip	1
29	97-5013	Thermostat Dial	1
30	97-7358	Hex Set Screw	1

** Select as required.

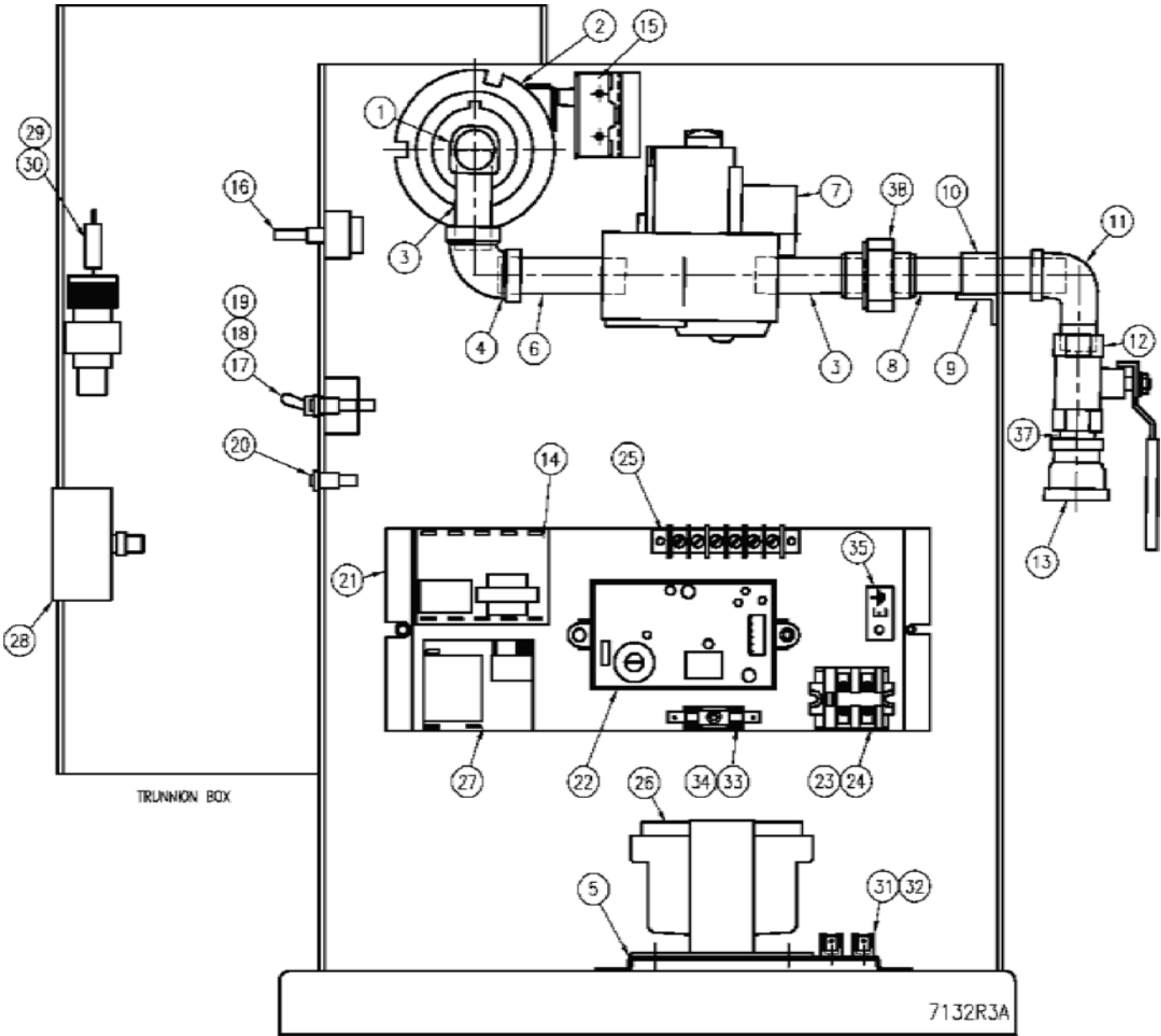
PLUMBING EXPLODED VIEW



ITEM	PART NO.	DESCRIPTION	QTY
1	97-6324	Low Water Probe	1
2	97-7359	Pipe, 3/8" x 7-1/2" Length	1
3	97-7360	Elbow, 3/8"	1
4	97-7361	Burner Support Channel	1
5	97-7310	Burner	1
**6	97-7362	Orifice Jet, #57 Natural Gas	10
**6	97-7363	Orifice Jet, .70 mm LP Gas	10
7	97-5828	Electrode Assembly	1

** Select as required.

TRUNNION BOX EXPLODED VIEW



TRUNNION BOX EXPLODED VIEW

ITEM	PART NO.	DESCRIPTION	QTY
1	97-6983	1/2" Gas Swivel Joint	1
2	97-7344	Tilt Lock, Actuator Collar	1
3	97-7365	Nipple, 1/2" x 2"	2
4	97-6910	Elbow, 1/2"	1
5	97-7366	Transformer Bracket	1
6	97-7209	Nipple, 1/2" x 3"	2
**7	97-5808	Gas Control Valve (Natural)	1
**7	97-5809	Gas Control Valve (L.P)	1
8	97-7219	Nipple, 1/2" x 4"	1
9	97-7367	Gas Line Support	1
10	97-7368	3/8 Pipe Strap	1
11	97-6251	90° Street Elbow, 1/2"	1
12	97-7369	Ball Valve, 1/2"	1
13	98-6112	Reducing Coupling, 1/2" - 3/4"	1
14	97-6972	Temperature Control, 120V	1
*14	97-7114	Temperature Probe	1
15	97-5414	Micro-Switch	1
16	97-5617	Potentiometer	1
*16	97-7370	Rotary Shaft Seal	1
17	97-6513	Power Switch	1
18	98-6048	Pilot Light, Temperature, Red, 125V	1
19	97-6955	Pilot Light, Ignition, Green, 125V	1
20	97-7371	Pilot Light, Low Water, Amber, 125V	1
21	97-7372	Component Mounting Bracket	1
22	97-5960	Ignition Module (DSI System)	1
23	10-6963	Terminal Block Section	2
24	10-6962	Terminal Block End	1
25	97-7373	Terminal Strip	1
**26	97-5358	Transformer, 220/240-120, 50/60 Hz, 200VA	1
**26	97-7374	Transformer, 208-120, 60 Hz, 200VA	1
27	97-5565	Water Level Control	1
28	97-6563	Pressure Gauge	1
29	97-7179	Pressure Switch	1
30	97-7375	Pressure Switch Bracket	1
**31	97-5864	Fuse Holder, (208 - 240V Units)	2
*32	98-6134	Fuse, 250V, 1 Amp. (208 - 240V Units)	2
*33	97-5864	Fuse Holder (120V Units Only)	1
**34	97-5476	Fuse, 250V, 3 Amp. (120V Units Only)	1
35	97-6738	Earth Ground I.D. Tag	1
*36	97-5702	Cord Set, (120V Units Only)	1
37	98-6109	Close Nipple, 1/2"	1
38	97-5490	Union, 1/2"	1

* Not shown.

** Select as required.