
OPERATING & MAINTENANCE INSTRUCTIONS FOR THE TOMLINSON FRONTIER KETTLE®, 120 VOLT

TO ENERGIZE: Plug the power cord into a 120V AC outlet and rotate temperature control to desired setting. The pilot light will glow amber when unit is on.

PREPARATION: Always follow soup manufacturer's instructions to prepare soup. Soup can be mixed in a separate container or directly in the food insert. The kettle collar can be used to aid transportation of the filled food insert to the kettle.

TEMPERATURE: The Frontier Kettle may be operated either "wet" or "dry", and will maintain its contents at any desired temperature. The kettle's 1250 watt heating element provides fast, efficient heating of room temperature, refrigerated or frozen food products.

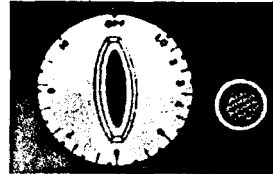
Wet Operation Wet operation is recommended for most preparation and serving situations. Add 40 ounces (1.2l) of water, for 8 quart model between the food insert and kettle insert or 24 ounces (.7l) for the 12 quart model. To rapidly heat product, set switch on "HI". When desired serving temperature is reached, set switch between 3 and 4. If product boils, set switch on LO until serving temperature is reached. Set between 3 and 4 to HOLD and SERVE.

Dry Operation: To maintain product at about 165°F. (74°C) during SERVING CONDITIONS (e.g., the cover being opened frequently), the temperature control should be set at 5. A switch setting between 3 and 4 will maintain product at about 165°F (74°C) during HOLDING CONDITIONS (e.g., the cover closed, with long intervals between servings). Adjustments from these recommended settings may have to be made for different products and varying serving conditions.

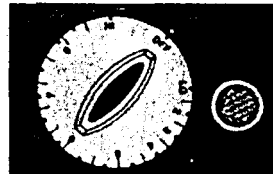
CLEANING: The Frontier Kettle is designed for maintenance free operation. Only routine cleaning of spilled food from the exterior surface is required. The stainless steel food insert, and lid are machine washable. The cast aluminum kettle shell should be cleaned only with a soft cloth and mild detergent.

**WARNING: NEVER IMMERSE THE
KETTLE IN WATER.
DAMAGE TO THE UNIT WILL RESULT.**

TEMPERATURE CONTROL SWITCH SETTINGS: The Frontier Kettle temperature control switch is an "infinite" type switch. Any product temperature from ambient to boiling can be obtained by setting the switch at various points between LO (lowest electrical energy input) and HI (highest electrical energy input).



Frontier Kettle is shut off when switch is in OFF position. For energy savings and maintenance of unit always turn switch to OFF WHEN THE KETTLE IS NOT IN USE.



Switch settings on HI provides maximum heating.

**WARNING:
DO NOT RUN AN
EMPTY KETTLE ON
HI!**



Switch setting on LO provides minimum heating.

Repairs: Tomlinson Industries cannot be responsible for unauthorized field repairs. For repair service within the warranty, contact our Customer Service department for the nearest authorized service facility or instructions. Repairs must be made by qualified personnel only. ALWAYS DISCONNECT POWER CORD FROM OUTLET BEFORE MAKING ANY REPAIR.

FOR WIRING DETAILS, REFER TO SCHEMATICS ON PAGES 2 AND 4.

TO REPLACE TEMPERATURE CONTROL SWITCH (25). Unplug kettle from wall socket. Turn Kettle upside down. Remove four Phillips pan head screws (2) and cover plate (29). Pull knob (26) from infinite switch shaft and remove screws (27). Disconnect terminations from back of infinite switch and remove switch.

TO INSTALL NEW SWITCH: Reconnect L1 and L2 wires to infinite switch. Pilot light (28) is connected; one to terminal Pilot and the other wire to the remaining L2 terminal. Connect H1 and H2 jumpers as shown on diagram. Insert switch shaft through hole in front of bottom plate (31) and fasten with two screws. Push on knob, replace cover plate and four Phillips pan head screws.

TO REPLACE TUBULAR HEATER: (8). Unplug kettle from wall socket. Turn kettle upside down. Remove four Phillips pan head screws (2) and remove cover plate (29). Disconnect jumper wires (9 & 9A) from infinite switch. Remove nut (15) and washers from stud and lift off bottom plate. Lift off aluminum kettle shell (33) and remove heater (8). Disconnect jumper wires from heater (8). Take a screwdriver

or other similar object and pry out old heater. Install the new heater, making sure it contacts the bottom of the heater channel. Peen the edges of the heater channel in three or four places to hold heater securely in place. Reconnect jumper wires to heater. Replace insulator and aluminum kettle shell. Slide jumper wires through holes in bottom plate and box, then reconnect to infinite switch. Replace nut and washers and fasten tight. Replace cover plate and fasten with Phillips pan head screws.

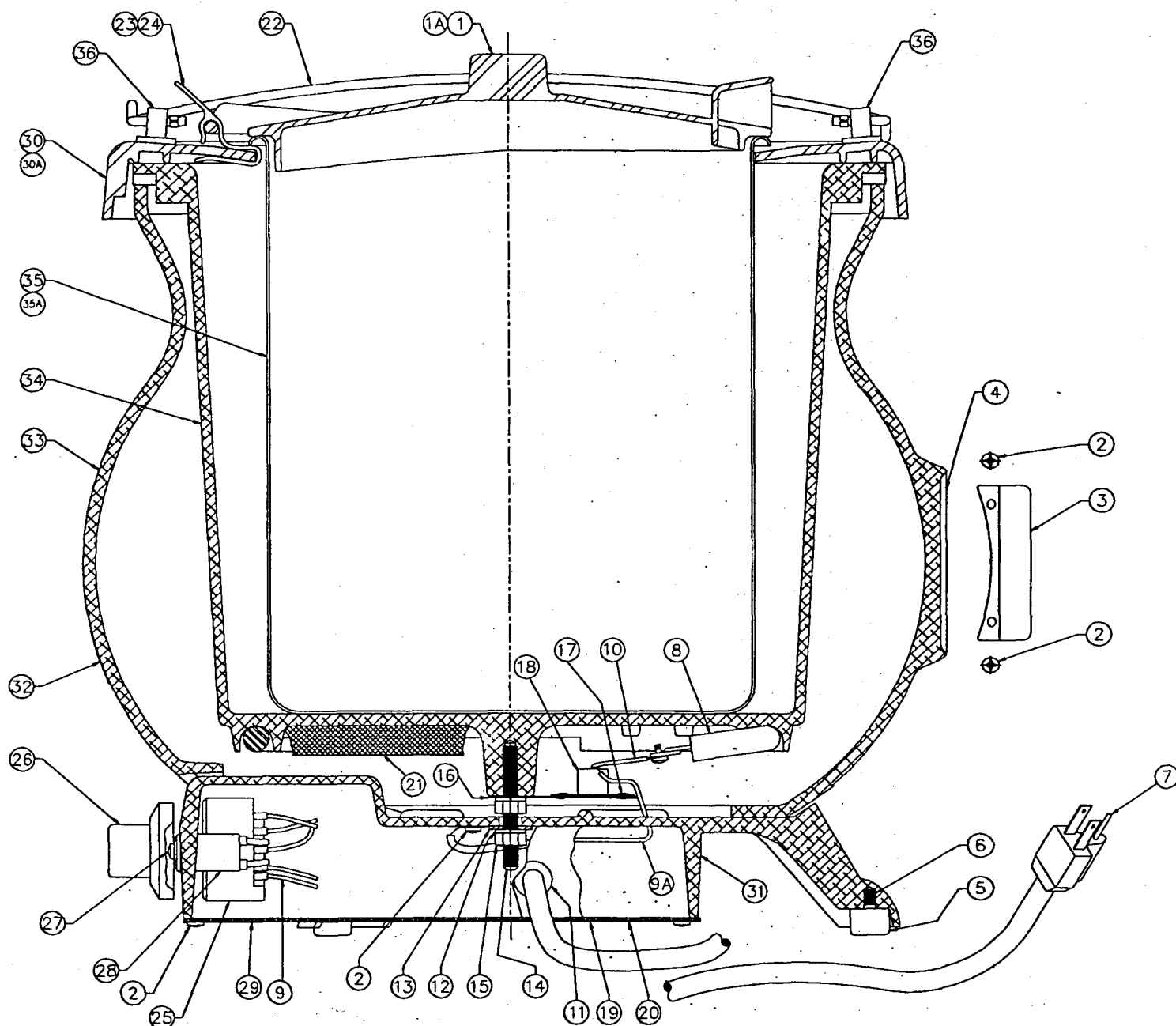
TO REMOVE PILOT LIGHT (28). Unplug - kettle from wall socket. Remove four Phillips pan head screws (2) and cover plate (29). Disconnect two pilot light wires from infinite switch (25) and push pilot light through front of box. Install new light by reversing the sequence.

Tomlinson Industries
13700 Broadway
Cleveland, OH 44125
216/587-3400,
www.tomlinsonind.com

BILLOF MATERIAL- DELUXE FRONTIER KETTLE 120V, 1250W

INDEX NO.	PART DESCRIPTION	PART NO.	QUANTITY
1	Lid, 8 qt.	1906803	1
1A	Lid, 12 qt.	1906805	1
2	Screw, 6-32x 3/8"	1906609	12
3	Plate, clamping soup card	1906619	2
4	Soup Card Set (22 cards)	1906614	1
5	Bumper, kettle leg	1906732	3
6	Stud for Bumper	1906731	3
7	Power supply cord 115V	1906696	1
8	Tubular heater 115V 1250W	1906746	1
9	12" Jumper	1906821	1
9A	12" Jumper	1906822	1
10	6" Jumper	1906818	1
11	Strain relief bushing	1906701	1
12	Lock washer	1906640	2
13	Washer	1906639	1
14	Set screw	1906604	1
15	1/4"-20 Nut	1906601	2
16	Mounting plate	1906823	1
17	Rivet	1904400	2
18	Snap switch	1906772	1
19	UL, CSA, NSF Label	1906712	1
20	NYC-MEA label	1906715	1
21	Fiberfrax Insulator	1906906	1
22	Bail Handle (Optional)	1906647	1
23	Hinge for 8 qt. lid	1906813	1
24	Hinge for 12qt. lid	1906809	1
25	Switch, Inf. 120V	1912206	1
26	Knob, 1250W switch white face	1906719	1
27	Screw, pan head	1906695	2
28	Pilot light	1906721	1
29	Cover plate	1906704	1
30	Collar for 8 qt. model	1908501.	1
30A	Collar for 12 qt. model	1908502	1
31	Bottom plate, 115V	1906735	
32	Warning Label	1906710	1
33	Cast aluminum kettle (black)	1906759	1
34	Insert, cast aluminum	1906943	1
35	Food insert 8 qt.	1906625	1
35A	Food insert 12 qt.	1906626	1
36	Rivet (optional)	1906649	2

CROSS SECTION AND PART REFERENCE FOR THE TOMLINSON FRONTIER KETTLE®



CATALOG NO.	CAPACITY	ELECTRICAL
1006845	8 Quart	120 Volt, 1250 Watt, 10.2 AMP, 60 HZ
1006856	12 Quart	120 Volt, 1250 Watt, 10.2 AMP, 60 HZ

TOMLINSON INDUSTRIES
13700 BROADWAY-AVE.
CLEVELAND OHIO 44125-1992
TEL: 216/587-3400
FAX: 216/587-0733

