



ELECTRIC TILTING KETTLE



*Kettle shown with
Optional Spring Assist
Cover

SPECIFICATIONS:

Shall be a Therma-Tek Model _____, self-generating, electric tilting kettle. A double wall kettle interior shall form a steam jacket around the lower 2/3 of the kettle. The jacket enclosure shall contain distilled water which is factory sealed. The bottom of the kettle shall be of hemispherical design for superior heat circulation.

The console shall be drip proof, stainless steel clad and shall be supported on all welded 1-58" (41 mm) diameter stainless steel pipe frame and the legs fitted with 4 hole adjustable feet for securing to the floor.

The kettle shall pivot on trunnion connected to the tilt mechanism and the out-bore bearing connected to the frame and shall permit the kettle to tilt forward a full 90° for complete emptying. The tilt mechanism shall be self locking for positive stop action.

Construction shall be all welded #4 finish stainless steel, type 304. The kettle interior on models 20 through 40 gallon shall be standard stainless steel type 316 for high acid content cooking. The controls shall be integrally mounted and shall include a power switch, thermostat, pilot light, low water light, vacuum/pressure gauge, safety relief valve, and low water shut off.

The kettle shall be standard with removable elements. The kettle shall operate in a temperature range of 165°F to 285°F (74°C to 140°C) at a maximum pressure of 50 psi (345 kPa).

Model	Capacity	
TTELT-20	20 gallon	76 litre
TTELT-30	30 gallon	114 litre
TTELT-40	40 gallon	151 litre
TTELT-60	60 gallon	227 litre
TELT-80	80 gallon	303 litre
TTELT-100	100 gallon	379 litre

OPERATION SHALL BE BY:

Electrically, self-generating closed steam system operating at 50 psi (345kPa) equipped for operation on:

- 208 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- 208 VAC, 3 phase, 50/60 Hz.
- 220 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- 220 VAC, 3 phase, 50/60 Hz.
- 240 VAC, 1 phase, 50/60 Hz. (20 and 30 gallon only)
- 240 VAC, 3 phase, 50/60 Hz.
- 380/220 VAC, 3 phase, 4 wire, 50/60 Hz.
- 415/240 VAC, 3 phase, 4 wire, 50/60 Hz.

OPTIONAL ITEMS AT EXTRACOST:

- 380 VAC, 3 phase, 50/60 Hz.
- 415 VAC, 3 phase, 50/60 Hz.
- 480 VAC, 3 phase, 50/60 Hz.
- 600 VAC, 3 phase, 50/60 Hz.
- 24 kW on 40, 60, 80 gallon
- 33 kW on 60, 80, 100 gallon
- Type 316 stainless steel liner for high acid cooking for 60 to 100 gallon models.
- 2" (50 mm) draw-off valve (TVT-2).
- 3" (76 mm) draw-off valve (TVT-3).
- 2" (50 mm) dairy valve (DDO-2T).
- 3" (76 mm) dairy valve (DDO-3T).
- Spring assist hinged stainless steel cover (CH-)
- Etched gallon markings (GM-)
- Etched litre markings (LM-).
- Correctional package

ACCESSORIES:

- One piece lift off stainless steel cover (C-).
- Triple basket assembly (TBA-).
- Perforated strainer for draw off (TPS-).
- Solid disc for draw off (TSS-).
- Graduated measuring strip (CMS-).
- Strainer hook (SH-)
- Single pantry faucet with swing spout (SF-18).
- Double pantry faucet with swing spout (DF-18).
- Pan support (PC-1).
- Pour lip strainer (TKS-).
- Draw-off valve hose kit (DVHK-2).
- Calibrated thermostat dial, "F"
- Calibrated thermostat dial, "C"

HEAVY DUTY STEAM





DETAILS AND DIMENSIONS

SERVICE CONNECTIONS

- ELECTRICAL CONNECTION TO BE AS SPECIFIED ON DATA PLATE
- COLD WATER: 3/8" O.D. tubing to faucet (OPTIONAL)
- HOT WATER: 3/8" O.D. tubing to faucet (OPTIONAL)

ELECTRICAL CHARACTERISTICS

Available kW			AMPS PER LINE									
MODEL	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V	
TTELT-20	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A	
TTELT-30	15	N/A		3	33.3	31.5	28.9	18.2	16.7	14.4	11.6	
TTELT-40	18	24	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A	
TTELT-60	18	24,33		3	41.6	39.4	36.1	22.8	20.9	18.0	14.5	
TTELT-80	18	24,33	18	3	50.0	47.2	43.3	27.3	25.0	21.7	21.7	
TTELT-100	24	33	24	3	66.6	63.0	57.7	36.5	33.4	28.9	23.1	
			33	3	91.6	86.6	79.4	50.1	45.9	39.7	31.8	

DIMENSIONS

MODEL	CAPACITY	UNITS	A	B	C	D	E	F	G	H	J(2")	J(3")	K(2")	K(3")	L	M
ELT-20	20 U.S. gal.	inches	21	18	38	36	15	18	14	19.25	14.75	15.5	18	17.5	N/A	63.5
	76 litres	mm	533	457	965	914	381	457	356	489	375	394	457	445	N/A	1613
ELT-30	30 U.S. gal.	inches	24	20	38	39	16.5	19	12.375	19.25	16.75	17.25	16	15.5	N/A	66.5
	114 litres	mm	610	508	965	990	419	483	314	489	425	438	406	394	N/A	1689
ELT-40	40 U.S. gal.	inches	26	22.5	38	41	17.5	23	10	20.25	17.5	18.5	13.5	13	N/A	68.5
	152 litres	mm	660	572	965	1041	445	584	254	514	445	470	343	330	N/A	1740
ELT-60	60 U.S. gal.	inches	29.5	26	42	44.5	19.125	24	11	22.25	19.5	20.75	14	13.5	10.5	76
	227 litres	mm	746	660	1067	1130	486	610	280	565	495	527	356	343	267	1930
ELT-80	80 U.S. gal.	inches	33	28	45	48	20.875	27	12.625	23.75	20.25	21.25	15	14.5	12	82.5
	303 litres	mm	838	711	1143	1219	530	686	321	603	514	540	381	368	305	2096
ELT-100	100 U.S. gal.	inches	35.5	29.75	48.75	49.5	22.25	32	14.5	25.25	20.25	21.25	18.75	18.25	14	88.5
	379 litres	mm	902	755	1238	1257	565	813	368	641	514	540	476	464	356	2248

