



ELECTRIC PEDESTAL KETTLE



Model	Capacity	
TTEP-20	20 Gallon	76 Liter
TTEP-30	30 Gallon	114 Liter
TTEP-40	40 Gallon	151 Liter
TTEP-60	60 Gallon	227 Liter
TTEP-80	80 Gallon	303 Liter
TTEP-100	100 Gallon	379 Liter

OPERATION SHALL BE BY:

Electrically, self-generating closed steam system operating at 50 psi (345 kPa) 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, 50/60 Hz. 4 wire
- 415/240 VAC, 3 phase, 50/60 Hz. 4 wire

OPTIONAL ITEMS AT EXTRA COST:

- Type 316 stainless steel liner for high acid cooking on 60 to 100 gallon models.
- 3" (76 mm) draw-off valve (TVT-3).
- 2" (50 mm) dairy valve (DDO-2S).
- 3" (76 mm) dairy valve (DDO-3S).
- 24 kW on 40, 60, 80 gallon.
- 33 kW on 60, 80, 100 gallon.
- 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.
- Spring assist hinged stainless steel cover, 20 to 40 gallon (SA-).
- Two piece hinged stainless steel cover (2PHC-).
- Etched gallon markings (GM-).
- Etched litre markings (GM-).
- Correctional package.

ACCESSORIES:

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

SPECIFICATIONS:

Shall be a Therma-Tek Model _____, self-generating, electric, pedestal 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 pedestal base shall have four, 7/16" holes evenly spaced for securing unit to the floor.

Construction shall be all welded #4 finish stainless steel, type 304. The liner on models 20 through 40 gallon shall be standard 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. Convenience features shall include a 2" (50 mm) draw-off valve, 20 through 40 gallon models are supplied with a hinged counterbalanced stainless steel domed cover. The 60 through 100 gallon models are supplied with a spring assist hinged stainless steel domed cover. The kettle shall be ASME Code stamped, National Board Registered, c-CSA-us and NSF certified.

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).

HEAVY DUTY STEAM



SERVICE CONNECTIONS

- ELECTRICAL CONNECTION TO BE AS SPECIFIED ON DATA PLATE

ELECTRICAL CHARACTERISTICS

Available kW			AMPS PER LINE									
MODEL	STD.	OPT.	kW	PHASE	208V	220V	240V	380V	415V	480V	600V	
TTEP-20	12	N/A	12	1	57.7	54.5	50.0	N/A	N/A	N/A	N/A	
TTEP-30	15	N/A		3	33.3	31.5	28.9	18.2	16.7	14.4	11.6	
TTEP-40	18	24	15	1	72.1	68.2	62.5	N/A	N/A	N/A	N/A	
TTEP-60	18	24,33		3	41.6	39.4	36.1	22.8	20.9	18.0	14.5	
TTEP-80	18	24,33	18	3	50.0	47.2	43.3	27.3	25.0	21.7	21.7	
TTEP-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(2")	F(3")	G(2")	G(3")	H	J	K
TTEP-20	20 U.S.gal. 76 liters	inches	21	18	38	23.75	18.5	14.75	15.5	18	17.5	14	21	60.5
		mm	533	457	965	629	470	375	394	457	445	356	533	1537
TTEP-30	30 U.S.gal. 114 liters	inches	24	20	38	27.75	20	16	16.5	15.75	15.25	12.5	19	63.5
		mm	610	508	965	705	508	406	419	400	387	318	483	1613
TTEP-40	40 U.S.gal. 152 liters	inches	26	22.5	38	29.75	21	17	18	13.5	13	9	17	65
		mm	660	572	965	756	533	432	457	343	330	229	432	1651
TTEP-60	60 U.S.gal. 227 liters	inches	29.5	26	42	33.75	19	18	19.25	14	13.5	11	17.25	75
		mm	749	660	1067	857	483	457	489	356	343	280	438	1905
TTEP-80	80 U.S.gal. 303 liters	inches	33	28	45	36.75	20.5	19.5	20.5	15	14.5	12.75	18	81
		mm	838	711	1143	933	521	495	521	381	368	324	458	2058
TTEP100	100 U.S.gal. 379 liters	inches	35.5	30	48	40	22	21.5	22.5	15	14.5	13	20.5	87
		mm	902	762	1219	1016	559	546	572	381	368	330	521	2210

SAFETY RELIEF VALVE

WALL

AIR VENT

PEDESTAL DETAIL

45°

FRONT

4 HOLES Ø7/16 (11mm) EQUALLY SPACED

2" VALVE:
CLOSED 5.13" (130mm)
OPENED 6.88" (175mm)

3" VALVE:
CLOSED 7.88" (200mm)
OPENED 10.13" (257mm)

OPTIONAL FAUCET
ALLOW DIMENSION "D"
ADDITIONAL 6" (152mm)

MODEL	SHIPPING WT.	MIN. CLEARANCE	
TTEP-20	196 lbs. [89 kg]	SIDES	3 [76mm]
TTEP-30	226 lbs. [103 kg]		
TTEP-40	255 lbs. [116 kg]		
TTEP-60	390 lbs. [177 kg]		
TTEP-80	445 lbs. [202 kg]		
TTEP-100	480 lbs. [218 kg]		
		BACK	3 [76mm]

SPRING ASSIST HINGES ON 60,80 AND 100 GALLON KETTLES

2-1/2" ON SPRING ASSIST HINGES

7" ON YOKE TYPE HINGES (STANDARD ON 20-40 GALLON KETTLES)

IN [mm]

2600R4