



DIRECT STEAM PEDESTAL KETTLE



Model	Capacity	
TTDP-20	20 gallon	76 liter
TTDP-30	30 gallon	114 liter
TTDP-40	40 gallon	151 liter
TTDP-60	60 gallon	227 liter
TTDP-80	80 gallon	303 liter
TTDP-100	100 gallon	380 liter

OPERATION SHALL BE BY:

Direct steam at a minimum of 5 psi (34 kPa) and a maximum of 30 psi (207 kPa).

OPTIONAL ITEMS AT EXTRA COST:

- Type 316 stainless steel liner for high acid content cooking on models 60 through 100 gallon.
- 50 psi (345 kPa) high pressure operation for high cooking temperature.
- 3" (76 mm) draw-off valve (TVS-).
- 2" (50 mm) dairy valve (DDO-2).
- 3" (76 mm) dairy valve (DDO-3).
- Spring assist hinged stainless steel cover on 20 to 40 gallon (SA-).
- Etched gallon markings (GM-).
- Etched liter markings (LM-).
- Single pantry faucet with swing spout (SF-12).
- Double pantry faucet with swing spout (DF-12).
- Two piece hinged cover (C-).
- Correctional package.

ACCESSORIES:

- Triple basket assembly (TBA-).
- Perforated strainer for draw-off valve (TPS-).
- Solid disc for draw-off valve (TSS-).
- Strainer hook (SH-).
- Graduated measuring strip (CMS-).
- Pressure reducing valve (PRV-).
- Steam trap assembly. Includes steam inlet valve, line strainer, check valve, condensate trap (STA-1).

SPECIFICATIONS:

Shall be a Therma-Tek Model _____, direct steam connected, pedestal base kettle. A double wall kettle interior shall form a steam jacket around the lower 2/3 of the kettle. The bottom of the kettle shall be of hemispherical design for superior heat circulation. The kettle interior on models 20 through 40 gallon shall be stainless steel, type 316 for high acid content cooking. Kettle shall be mounted on a stainless steel pedestal base with four 7/16" holes evenly spaced for securing to the floor.

Construction shall be all welded satin finish stainless steel, type 304. Convenience features shall include a 2" (50 mm) sanitary draw-off valve, hinged counterbalanced stainless steel cover on 20 through 40 gallon models and on 60 through 100 gallon models a spring assist hinged stainless steel cover.

HEAVY DUTY STEAM





DETAILS AND DIMENSIONS

SERVICE CONNECTIONS

- STEAM SUPPLY: 3/4" IPS 5-30 psi (34-205 kPa). Optional 5-45 psi (34-310 kPa).*

- CONDENSATE RETURN: 1/2" IPS

DIMENSIONS

MODEL	CAPACITY		A	B	C	D	E	F(2")	F(3")	G(2")	G(3")	H	J	K
TTDP-20	20 gallons	inches	21	18	37	22.75	16	12.75	14	17	16.5	25.88	59.75	16.88
	76 liters	mm	533	457	940	578	406	324	356	432	419	657	1518	429
TTDP-30	30 gallons	inches	24	20	37	25.88	17.5	13.5	15.25	15	14.5	26.38	62.88	16.88
	114 liters	mm	610	508	940	657	445	343	387	381	368	670	1597	429
TTDP-40	40 gallons	inches	26	22.5	37	27.88	18.5	14.25	16.5	12.5	12	23.88	64.88	16.88
	152 liters	mm	660	572	940	708	470	362	419	318	305	606	1648	429
TTDP-60	60 gallons	inches	29.5	26	40.5	31.38	17.75	15.5	17.25	12.5	12	24.69	72.88	16.88
	227 liters	mm	749	660	1029	822	451	394	438	318	305	627	1851	429
TTDP-80	80 gallons	inches	33	28	42.5	34.75	19.5	17.5	19.25	10.5	10	23.88	77.25	19.63
	303 liters	mm	838	711	1080	883	495	445	489	267	254	606	1962	498
TTDP-100	100 gallons	inches	35.5	30	44.5	37.25	20.75	17	19.25	12.5	12	26.63	81.75	19.63
	379 liters	mm	902	762	1130	946	527	432	489	318	305	676	2076	498

* Pressure reducing valve is required if incoming pressure exceeds 50 PSI (345 kPa).

SAFETY RELIEF VALVE

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

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

PEDESTAL DETAIL

4 HOLES Ø7/16 [11mm] EQUALLY SPACED

OPTIONAL FAUCET ALLOW DIMENSION "D" ADDITIONAL 6" [152mm]

MODEL	SHIPPING WT.	SPRING ASSIST HINGES MIN. CLEARANCE	
TTDP-20	155 lbs. [70 kg]	SIDES BACK	3 [76mm] 0.50 [13mm]
TTDP-30	180 lbs. [82 kg]		
TTDP-40	190 lbs. [86 kg]		
TTDP-60	265 lbs. [120 kg]		
TTDP-80	308 lbs. [140 kg]		
TTDP-100	360 lbs. [163 kg]		

YOKE TYPE HINGES MIN. CLEARANCE		
MODEL	SIDES	BACK
DP-20/30/40/60	3 [76mm]	5 [127mm]
DP-80/100	3 [76mm]	6 [152mm]

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]

2618R3