



DIRECT STEAM MODULAR CABINET BASE KETTLES



SPECIFICATIONS:

Shall be a Therma-Tek Model _____, steam jacketed kettle, models TTDMT tilting type or TTDMS stationary type. Kettle shall be mounted in cabinet base and models 20 to 40 gallon kettle interior to be 316 stainless steel for high acid content products. 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. A steam control valve and hot and cold water deck mount faucet shall be mounted on the stainless steel counter top. The kettle shall be equipped with a 2" (50 mm) draw-off valve enclosed in the cabinet for sanitary purposes, steam trap and a safety relief valve. Swing drain with removable strainer for draw-off valve shall be provided and removable without tools. DMS-60 and DMT models shall include a one piece stainless steel spring assist cover. DMS-30, 40 include a stainless steel yoke type hinged cover. Cabinet base shall be of modular design and match other Therma-Tek steam cooking equipment, shall be equipped with 6"(152 mm) stainless steel legs fitted with adjustable bullet feet on the front and adjustable flange feet on the rear for securing to the floor. All stainless steel exterior, #4 finish, with removable side panels and magnetic latches on cabinet doors. Models DMT shall be equipped with a 1/2 H.P. hydraulic system for tilting, allowing complete emptying of the contents. Tilting may be stopped at any time without kettle tilting back. A pan support is standard, which will hold a pan 12" (305 mm) x 20" (508 mm) x 2-1/2" (63 mm) keeping the pan horizontal throughout tilting operation and shall be removable without tools.

The unit shall be ASME Code stamped and National Board Registered and NSF certified. DMT models shall also be c-CSA-us certified.

Model	CAPACITY	
TTDMT(S)-30	30 gallon	114 liter
TTDMT(S)-40	40 gallon	152 liter
TTDMT(S)-60	60 gallon	228 liter

OPERATION SHALL BE BY:

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

DMT models equipped for operation on 115 VAC, 1 phase, 60 Hz.

STANDARD FEATURES:

- ✓ 316 stainless steel liner on 30 and 40 gallon units.
- ✓ Stainless steel cabinet with adjustable hold down feet.
- ✓ One piece hinged cover.
- ✓ 2" (51 mm) tangent draw off valve.
- ✓ Steam control valve and steam trap.
- ✓ Swing drain.
- ✓ Hot and cold deck mount faucet.
- ✓ Hydraulic tilt (DMT models).
- ✓ Pan carrier (DMT models).

OPTIONAL ITEMS AT EXTRA COST:

- 50 psi (345 kPa) for high temperature cooking.
- 316 stainless steel liner on 60 gallon models.
- Spring assist hinged cover on DMS-30 & 40.
- Etched gallon markings (GM-).
- Etched liter markings (LM-).
- 220 VAC, 1 phase, 50 Hz.

ACCESSORIES:

- Graduated measuring strip (CMS-).
- Solid disc for draw-off valve (TSS-).
- Perforated strainer for draw-off valve (TPS-).
- Strainer hook (SH-).
- Pour lip strainer, DMT models (TKS-).
- Tri-basket assembly (TBA-).

SERVICE CONNECTIONS

- ELECTRICAL CONNECTION: (Tilt models only) 1/2" conduit connection to controls. Unless otherwise specified, Field Wire Electrical Connection to be 120 Volts, 60 Hertz single phase 10 Amps with grounding wire.
- DRAIN: Ø1 5/8 O.D. tubing to open floor drain. No Solid Connection.
- STEAM SUPPLY: 3/4" IPS for incoming steam. Min 5 PSI (34 kPa), MAX 30 PSI (207 kPa), 45 PSI (310 kPa) optional. Important: Pressure reducing valve required if incoming steam pressure exceeds the kettle rating.
- COLD WATER: 3/8" O.D. tubing to faucet.
- HOT WATER: 3/8" O.D. tubing to faucet.

DIMENSIONS

MODEL	SHIPPING WT.	CAPACITY	UNITS	A	B	C	D	E	F	G
TTDMT-30	475 lbs. [215 kg]	30 gallons	inches	24	36	16	39	37.25	41.5	65.25
TTDMS-30	375 lbs. [170 kg]	114 liters	mm	610	914	406	991	946	1054	1657
TTDMT-40	525 lbs. [238 kg]	40 gallons	inches	26	36	15	40	38.38	42.5	68.25
TTDMS-40	400 lbs. [181 kg]	151 liters	mm	660	914	381	1016	975	1080	1733
TTDMT-60	600 lbs. [272 kg]	60 gallons	inches	29.5	42	16	43	41.12	47.62	74.25
TTDMS-60	500 lbs. [227 kg]	227 liters	mm	749	1067	406	1092	1045	1210	1886

