



## DIRECT STEAM 2/3 JACKETED KETTLE

### STATIONARY OR TILTING



#### 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:

- Stainless steel cabinet
- 4 Adjustable flanged feet
- One piece spring assist cover
- 2" (51 mm) tangent draw off valve c/w TPS-2 strainer
- Steam control valve and steam trap
- Swing drain
- Hot and cold deck mount faucet (DMF)
- Hydraulic tilt (DMT models)
- Pan carrier (DMT models)

MODEL	CAPACITY	MODEL	CAPACITY
DMT-30S (Tilting Type)	30 Gal. 114 Liter	DMS-30 (Stationary)	30 Gal. 114 Liter
DMT-40S (Tilting Type)	40 Gal. 152 Liter	DMS-40 (Stationary)	40 Gal. 152 Liter
DMT-60S (Tilting Type)	60 Gal. 228 Liter	DMS-60 (Stationary)	60 Gal. 228 Liter

#### OPTIONS & ACCESSORIES AT ADDITIONAL COST

<input type="checkbox"/> 50 PSI (345 kPa) for high temperature cooking	<input type="checkbox"/> Etched litre markings (LM-)	<input type="checkbox"/> Strainer hook (SH-)
<input type="checkbox"/> 220 VAC, 1 phase, 50 Hz.	<input type="checkbox"/> Graduated measuring strip (CMS-)	<input type="checkbox"/> Pour lip strainer (TKS-)
<input type="checkbox"/> Etched gallon markings (GM-)	<input type="checkbox"/> Solid stainless steel disc for draw-off valve (TSS-)	<input type="checkbox"/> Triple basket assembly (TBA-)

#### STANDARD CONSTRUCTION SPECIFICATIONS

Shall be a Southbend Steam model DMT-30S, DMT-40S, DMT-60S, DMS-30S, DMS-40S or DMS-60S, steam jacketed kettle models DMT, tilting type, or DMS,stationary type.

Kettle shall be mounted in enclosed cabinet base and interior liner shall 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 fill faucet shall be mounted on the stainless steel counter top.

Kettle shall be equipped with 2" (50 mm) sanitary draw off with perforated strainer is enclosed in the cabinet for sanitary purposes.

Steam trap and a safety relief valve are standard.

Swing drain for draw-off valve shall be removable without tools and shall be equipped with removable strainer.

DMS & DMT models shall include a one piece stainless steel spring assist cover.

Cabinet base shall be of modular design to match other Crown cooking equipment as required and shall be equipped with 6" (152 mm) stainless steel legs with 4 adjustable flanged feet for securing to the floor.

All stainless steel exterior, # 4 finish, with removable side panels and doors with magnetic latches.

DMT models shall be equipped with a 1/2 H.P. hydraulic system for tilting which allows complete emptying of contents.

Tilting may be stopped at any time without kettle tilting back.

A standard pan support shall hold one 12" x 20" x 2-1/2" pan (305 mm x 508 mm x 64 mm), keeping the pan in a horizontal position throughout the tilting operation and shall be removable without tools.

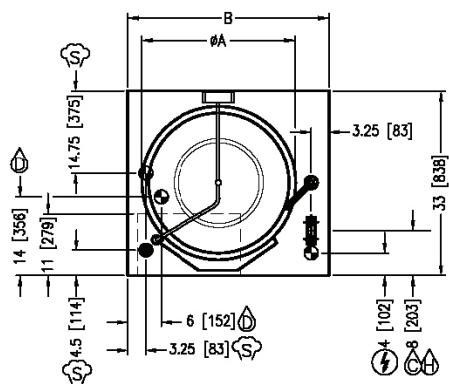
The unit shall be ASME Code stamped and National Board Registered and NSF Certified.

DMT models shall also be c-CSA-us certified.

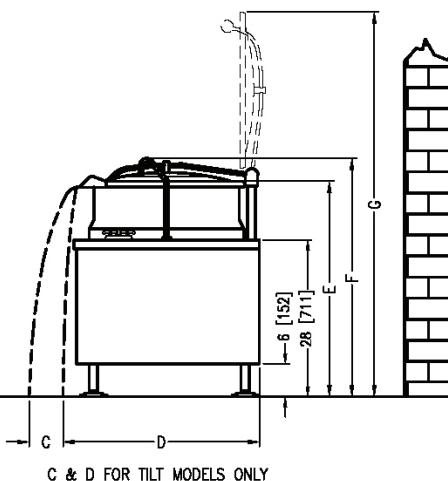
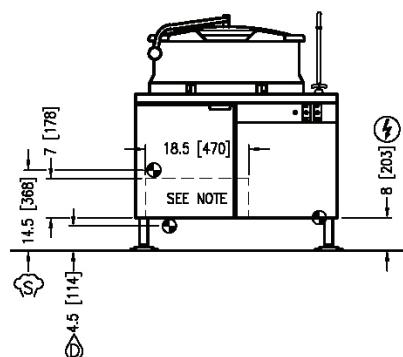


Approval Notes: \_\_\_\_\_

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**FLANGED FOOT DETAIL**  
4 EQUALLY SPACED  
7/16" [11mm] DIA. HOLES  
ON 2.835" [72mm] B.C.



#### SERVICE CONNECTIONS

- Ⓐ – COLD WATER: 3/8" O.D. tubing to faucet.
- Ⓑ – HOT WATER: 3/8" O.D. tubing to faucet.
- Ⓓ – DRAIN: 1-5/8" (41.275 mm) O.D. tubing piped to open floor drain. No solid connection.
- Ⓔ – ELECTRICAL CONNECTION: (DMT models only) 1/2" conduit connection to controls. Unless otherwise specified, field wire electrical connection to be 115V, 60 Hz, single Phase, 10 Amps with grounding wire.
- Ⓢ – STEAM SUPPLY: 3/4" (19 mm) IPS for incoming steam. MIN 5PSI (34kPa), MAX 30 PSI (207 kPa).  
Important: Pressure reducing valve required if incoming steam pressure exceeds the kettle rating.

#### DIMENSIONS

MODEL	CAPACITY	A	B	C	D	E	F	G
DMT-30S	30 Gallons (114 liters)	24" (610)	36" (914)	16" (406)	39" (991)	37.25" (946)	41.5" (1054)	65.25" (1657)
DMS-30S								
DMT-40S	40 Gallons (151 liters)	26" (660)	36" (914)	15" (381)	40" (1016)	38.38" (975)	42.5" (1080)	68.25" (1733)
DMS-40S								
DMT-60S	60 Gallons (227 liters)	29.5" (749)	42" (1067)	16" (406)	43" (1092)	41.12" (1045)	47.62" (1210)	74.25" (1886)
DMS-60S								

#### SPECIFICATIONS

MODEL	SHIPPING WEIGHT	MINIMUM CLEARANCE		MODEL	SHIPPING WEIGHT	MINIMUM CLEARANCE		MODEL	SHIPPING WEIGHT	MINIMUM CLEARANCE	
DMT-30S	475 lbs. [215 kg]	SIDES	0	DMT-40S	525 lbs. [238 kg]	SIDES	0	DMT-60S	600 lbs. [272 kg]	SIDES	0
DMS-30S	375 lbs. [170 kg]	BACK	0	DMS-40S	400 lbs. [181 kg]	BACK	0	DMS-60S	500 lbs. [227 kg]	BACK	0

**INTENDED FOR COMMERCIAL USE ONLY.  
NOT FOR HOUSEHOLD USE.**

