



STEAM JACKETED KETTLES

ELECTRIC TABLE TOP TILTING KETTLE MODELS TDB

Kettle shall be a Groen Model TDB (specify gallon capacity and Classic (C), Advanced (A) or Cook2Temp™ (C2T) controls) stainless steel manual tilting self-contained steam jacketed unit, with an electric heated steam source contained within the unit. CookTemp models also come with a probe.

AVAILABLE MODELS:

CLASSIC CONTROLS:

TDB-20C (20 QUART)
TDB-24C (24 QUART)
TDB-40C (40 QUART)
TDB-48C (48 QUART)

ADVANCED CONTROLS:

TDB-20A (20 QUART)
TDB-24A (24 QUART)
TDB-40A (40 QUART)
TDB-48A (48 QUART)

COOK2TEMP CONTROLS:

TDB-20C2T (20 QUART)
TDB-24C2T (24 QUART)
TDB-40C2T (40 QUART)
TDB-48C2T (48 QUART)

CONSTRUCTION: Kettle shall be of 304 stainless steel, one-piece welded construction. All exposed surfaces shall be stainless steel. All controls shall be contained in a water resistant IPX6-rated enclosure. Unit shall have a heavy reinforced rim with a welded-in butterfly shaped pouring lip for maximum sanitation and durability. Right and left hand tilt handle mounts provided. Faucet bracket is standard and mounted on rear of controls/trunnion enclosure.

FINISH: Interior of kettle shall be polished to a 180 emery grit finish. Exterior of kettle shall be finished to a bright high buff finish, ensuring maximum ease in cleaning and maintaining brilliant appearance.

ASME CODE, UL LISTING: Unit shall be ASME shop inspected, stamped and registered with the National Board for operation up to a maximum working pressure of 50 PSI. Unit shall be UL listed.

SANITATION: Unit shall be designed and constructed to meet NSF and known health department and sanitation codes, and NSF listed.

SELF-CONTAINED STEAM SOURCE: Kettle shall have an electrically heated self-contained steam source to provide kettle temperatures of 150°F to approximately 295°F. 20/24 quart models to have 6 or 8 KW input and the 40/48 quart

model 12 or 14 KW input, depending on kettle voltage. (See reverse for electrical information.) Unit shall be factory charged with water and rust inhibitors, to ensure long life and minimum maintenance.

CONTROLS: Controls to be located in right-side water resistant (IPX6 rated) trunnion enclosure:

Classic -C Models include: Power ON-OFF switch with indicator light, temperature control knob with 1 to 10 increments, HEAT(ing) indicator light and LOW WATER warning light; **Advanced -A Models** include: Same control features as Classic models with the addition of temperature and time set knob, LED display of set heat level or cook time, buttons for reset of Low Temp and High Temp presets, MANUAL mode button for knob-setting of heat level, TIMER-set button with indicator light; **Cook2Temp -C2T Models** include: Same control features as Classic and Advanced models with the addition of Auto C2T and Manual C2T buttons with core probe connection port, MANUAL mode button for knob-setting of heat level for manual cooking and manual C2T cooking.

SAFETY SYSTEMS: Kettle shall have safety tilt cut-off (cuts off heat when tilted more than 12°), pressure relief valve, high limit pressure switch, low water cut-off and 24-volt control system.

PERFORMANCE/FEATURES: Unit shall be thermostatically controlled to automatically shut off when desired temperature is reached and to turn on when product temperature falls below desired setting. Design shall make it easy for one person to precisely tilt kettle, when filled to capacity. Pouring height allows filling of 4" deep pans on the table top. Tilt handle is field reversible for right or left-hand tilt.

INSTALLATION: Single electrical connection required. Specify 208/240 or 480 Volt, single or three phase. Standard unit shall be shipped 208V/3Ph and be field-convertible from three phase to single phase operation. Remote steam source is not required.

Certifications:   

PROJECT NAME:	
LOCATION:	
ITEM NO:	
QTY:	
MODEL NO:	
AIA NO:	
SIS NO:	
CSI SECTION:	11400



TDB-20C Model shown

OPTIONS/ACCESSORIES:

Etch marks, gallons
Etch marks, liters
Correctional package
316 stainless steel liner
Single pantry faucet
Double pantry faucet
Single pantry pre-rinse
Double pantry pre-rinse
Wire basket insert
Nylon basket liner
Liner retaining ring
Lift off cover
Cover holder
Cover strainer
Kettle support stand
Drain cart
Drain cart plumbing kit
Replacement core probe (on C2T models only)

ADDITIONAL RESOURCES:

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[Sales Tools](#)

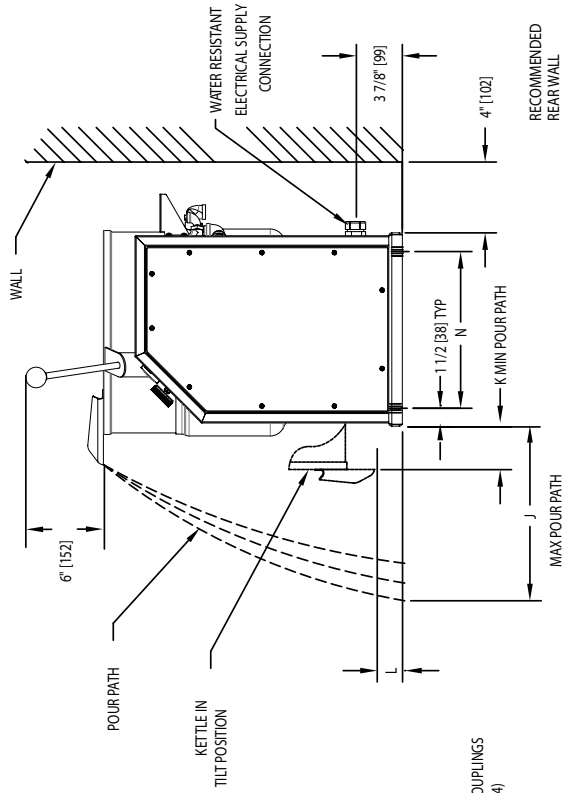
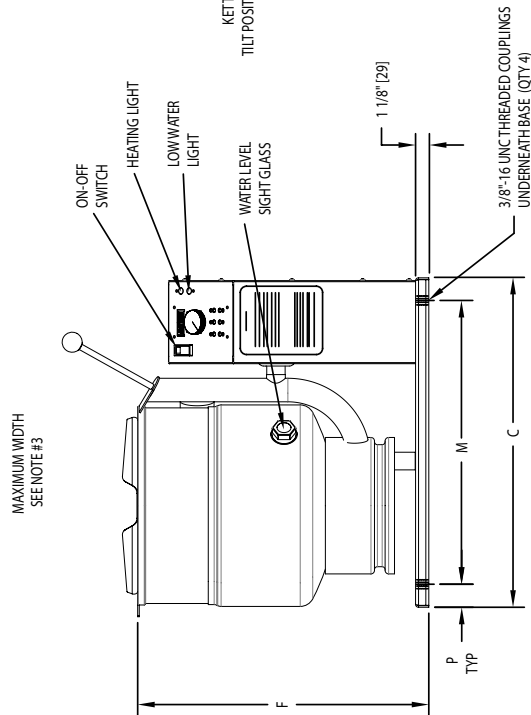
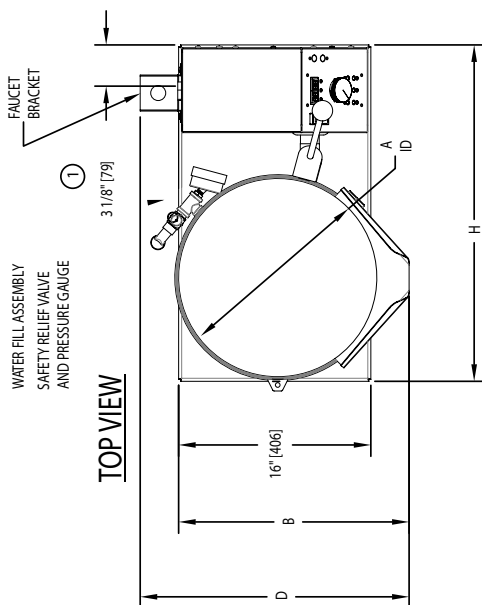
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TABLE OF DIMENSIONS												
MODEL DIM	TDB-20			TDB-24			TDB-40			TDB-48		
	INCH	MM		INCH	MM		INCH	MM		INCH	MM	
A	14	356		14	356		16.5	419		16.5	419	
B	17.6	447		17.6	447		19.2	488		19.2	488	
C	24	610		24	610		28.0	711		28.0	711	
D	20.8	528		20.8	528		22.4	569		22.4	569	
F	23.1	587		24.6	625		25.1	632		27.3	693	
H	25.6	650		25.6	650		28.0	711		28.0	711	
J	15.5	394		16.0	406		18.5	470		19.0	483	
K	3.5	89		5.0	127		7.5	191		9.8	249	
L	5.5	140		5.5	140		4.3	109		4.3	109	

ELECTRICAL REQUIREMENTS TABLE									
KETTLE MODEL	TDB-20 & 24			TDB-40 & 48					
	VOLTS	PHASE	KW	AMPS	KW	AMPS			
208	3	13	6.3	1	10.8	30			
		3		18					
240	1	8.4	14.4	35	60	15			
		3		20					
440	38	6.3	12.0	15	12.0	15			
		38		6.3					

SERVICE CONNECTIONS AND NOTES:

- 1 ELECTRICAL SUPPLY: 3/4" WATER RESISTANT CONDUIT (1" FOR 240V, 1 PHASE)
- 2 DIMENSIONS IN BRACKETS [] ARE MM.
- 3 MAXIMUM WIDTH - TDB 20/24 IS 25 3/4" AND TDB-40/48 IS 28"



P/N 175842 REV A

