



# STEAM JACKETED KETTLES

## ELECTRIC TABLE TOP TILTING KETTLE MODEL TDBC-40 MARINE

Kettle shall be a Groen Model TDBC-40 stainless steel hand crank tilt self-contained steam jacketed unit, with an electric heated steam source contained within the unit.



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



TDBC-40 Model shown with optional support stand

**CONSTRUCTION:** Kettle interior shall be of type 316 stainless steel with solid one-piece welded construction. All exposed surfaces shall be stainless steel. Unit shall have a heavy reinforced rim with a welded-in butterfly shaped pouring lip for durability and pouring control. The crank tilt handle shall be mounted in the right side controls enclosure and provide easy and precise one hand tilting of kettle body. 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, protection against salt water environments 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 287°F. 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 trunnion enclosure: **Mechanical Controls** include: Power ON-OFF switch, temperature control knob, 100 to 287°F range increments and HEAT(ing) indicator light.

**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. Crank tilt design allows one person to precisely tilt kettle, when filled to capacity. Pouring height allows filling of 4" deep pans on the table top.

**INSTALLATION:** One electrical connection required. All marine units are available in 240 Volt, single and three phase, 440 or 480 Volt, three-phase, 60Hz electrical service.

### OPTIONS/ACCESSORIES:

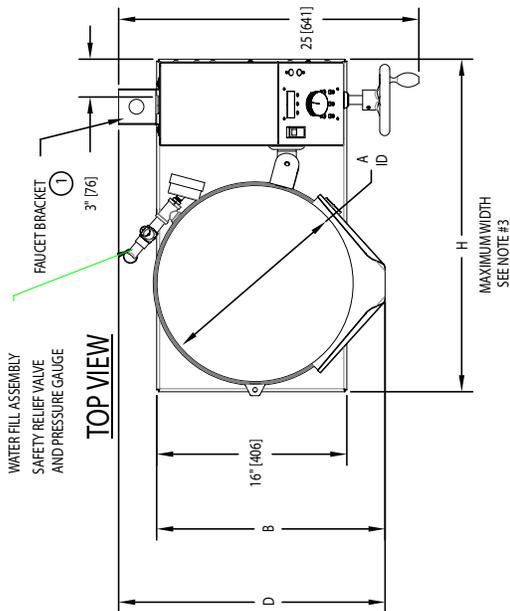
- Etch marks, gallons
- Etch marks, liters
- Correctional package
- Single pantry faucet
- Double pantry faucet
- Single pantry pre-rinse
- Double pantry pre-rinse
- Wire basket insert
- Nylon basket liner
- Liner retaining ring
- Lift off cover
- Cover holder
- Cover strainer
- Kettle support stand
- Drain cart
- Drain cart plumbing kit

### ADDITIONAL RESOURCES:

- [Request A Quote](#)
- [Sales Tools](#)
- [Find A Rep](#)

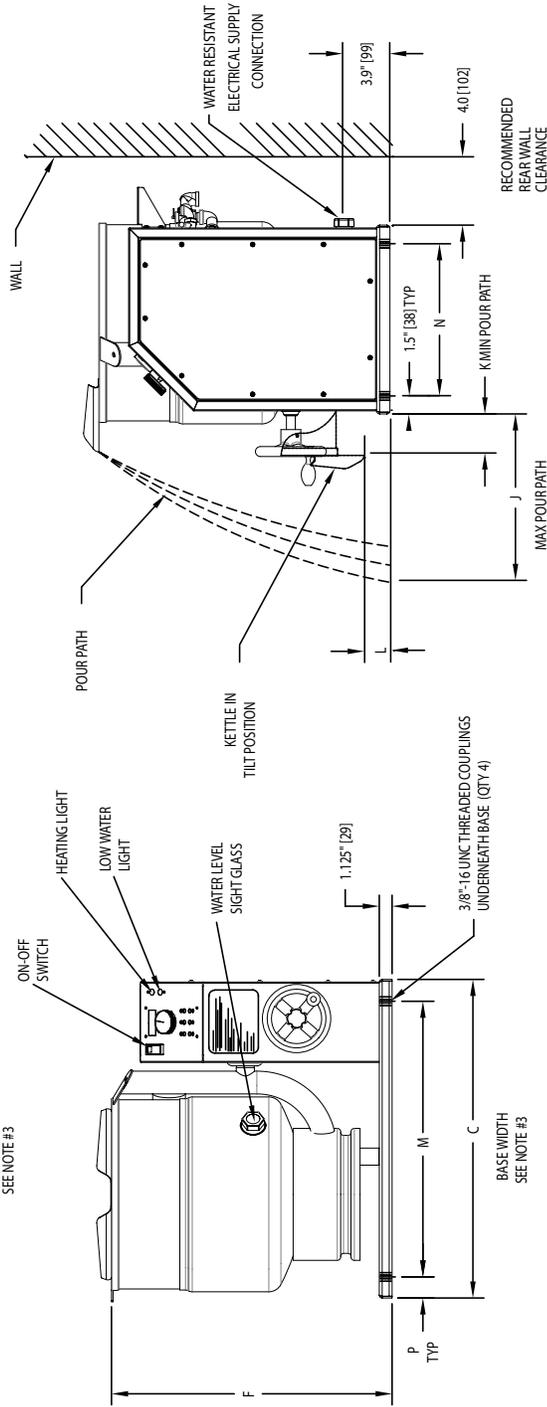
MODEL		TDB-20			TDB-24			TDB-40			TDB-48		
		INCH	MM	INCH	MM								
DIM	A	14	356	14	356	16 1/2	419	16 1/2	419	16 1/2	419	16 1/2	419
	B	17 5/8	447	17 5/8	447	19 1/4	488	19 1/4	488	19 1/4	488	19 1/4	488
C	24	610	24	610	28	711	28	711	28	711	28	711	
D	20 7/8	528	20 7/8	528	22 3/8	569	22 3/8	569	22 3/8	569	22 3/8	569	
F	23 1/8	587	24 5/8	625	25 1/8	632	27 3/8	693	27 3/8	693	27 3/8	693	
H	25 5/8	650	25 5/8	650	28	711	28	711	28	711	28	711	
J	15 1/2	394	16	406	18 1/2	470	19	483	18 1/2	470	19	483	
K	3 1/2	89	5	127	7 1/2	191	9 7/8	249	7 1/2	191	9 7/8	249	
L	5 1/2	140	5 1/2	140	4 3/8	109	4 3/8	109	4 3/8	109	4 3/8	109	
M	15 1/2	394	16	406	18 1/2	470	19	483	18 1/2	470	19	483	
N	3 1/2	89	5	127	7 1/2	191	9 7/8	249	7 1/2	191	9 7/8	249	
P	5 1/2	140	5 1/2	140	4 3/8	109	4 3/8	109	4 3/8	109	4 3/8	109	

ELECTRICAL REQUIREMENTS TABLE		TDB-20 & 24		TDB-40 & 48	
KETTLE MODEL	PHASE	KW	AMPS	KW	AMPS
208	1	6.3	31	10.8	52
	3	18	85	30	145
240	1	8.4	35	14.4	60
	3	20	95	35	165
460	3	5.8	8	11.0	14
	3	6.3	8	12.0	15



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"



RIGHT SIDE VIEW

FRONT VIEW

P/N 175846 REV A