



STEAM JACKETED KETTLES

ELECTRIC TILTING FLOOR KETTLE MODEL DEE-20 MARINE

Kettle shall be a Groen Model DEE-20 stainless steel floor kettle model, manual tilting, steam jacketed unit, operating with an electric heated steam source contained within unit.



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



DEE-20 Model shown

CONSTRUCTION: Kettle interior shall be of type 316 stainless steel with solid one-piece welded construction. The console and all exposed surfaces shall be stainless steel. The kettle body shall be mounted in a heavy-duty stainless steel combination kettle support tilt trunnion, mounted to a polished stainless steel enclosed base. The base shall be have stainless steel tubular legs with four flanged feet. The enclosed trunnion support shall have a smooth operating, self-locking tilt mechanism. The unit shall have a heavy reinforced bar rim with a welded-in butterfly shaped pouring lip for pouring control and durability. Designed for single point electrical connection.

FINISH: Kettle interior 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 LISTED, CRN REGISTERED: Unit shall be ASME shop inspected, stamped and registered with the National Board for operation up to a maximum working pressure of 50 PSI.

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

DRAWOFF: A 2" tangent drawoff is optional. If drawoff is specified, outlet shall be equipped with removable 1/4" perforated stainless steel strainer.

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 chemically pure 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 with 150 to 287°F range increments and HEAT(ing) indicator light.

SAFETY SYSTEMS: Safety systems to include kettle-mounted: pressure-vacuum gauge, pressure relief valve, pressure limit control, water sight glass; plus safety tilt and low-water cutoffs.

PERFORMANCE FEATURES: Unit shall be thermostatically controlled to automatically shut off when the desired temperature setting is reached and turn on when product temperature drops below setting. Smooth action manual tilt crank allows for easy pouring and transfer of kettle contents.

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:

- 2" tangent draw-off valve with 1/4" perforated disk strainer
- 1/8" perforated disk strainer
- 1/4" perforated disk strainer
- Solid disk strainer
- Basket inserts (TRI-BC)
- Lift-off cover (No. 31)
- Hinged cover kit (No. 51)
- Pan carrier (40 and 60-gallon)
- Kettle brush kit
- Single or double pantry faucets
- Lip strainer
- Contour measuring strip
- Gallon etch marks
- Single Phase Terminal Block Kit

ADDITIONAL RESOURCES:

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

CAP. GAL.	TABLE OF DIMENSIONS					
	20		40		60	
DIMS.	INCH	MM	INCH	MM	INCH	MM
A	20	508	26	660	30	762
B	35	889	47	1194	47	1194
C	26	660	29	737	31	787
D	30 3/4	781	34 1/2	876	36 3/8	924
E	18 1/2	470	15 1/4	387	13 1/4	337
F	39 3/8	1000	40 3/8	1026	44 1/8	1121
G	16	406	12 1/4	311	10 3/8	264
H	28	711	29 1/2	749	31 1/2	800
J	28 1/4	718	29 1/2	749	29 1/2	749
K	55	1397	57 1/2	1460	61 1/2	1562
L	18 1/2	470	22	559	25	635

KETTLE POWER ELECTRICAL TABLE			
MODEL	DEE/4-20	DEE/4-40	DEE/4-60
208V	10.8 KW	21 KW	21 KW
1 PH	52 AMP	101 AMP	101 AMP
3 PH	30 AMP	59 AMP	59 AMP
240V	14.4 KW	24 KW	24 KW
1 PH	60 AMP	105 AMP	105 AMP
3 PH	35 AMP	61 AMP	61 AMP
480V	12 KW	24 KW	24 KW
1 PH	25 AMP	50 AMP	50 AMP
3 PH	15 AMP	29 AMP	29 AMP

OPTIONAL EXTRA COST FEATURES:

1. 2" TANGENT SANITARY DRAW-OFF.
2. LIFT OFF COVER MODEL # 31 FOR DEE/4-20 & DEE/4-40 KETTLES.
3. HINGED COVER MODEL # 51 FOR DEE/4-40 & DEE/4-60 KETTLES.
4. OPTIONAL FAUCET WITH SWING SPOUT.
5. DIMENSIONS IN BRACKETS () ARE MM.
6. USE KIT 170960 IF SWITCHING FROM 3 PHASE TO SINGLE PHASE

