Floor Kettles model DEE/4

Stainless Steel
2/3 Steam Jacketed Kettle

Floor Mounted
Tilting
Self-Contained
Electric Heated
20, 40, or 60-
Gallon Capacity

Description
Kettle shall be a Groen Model DEE/4 (Specify 20, 40, or 60 gallon) stainless steel steam jacketed unit, operating with an electric heated steam source contained within unit.

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, which in turn is supported by the polished stainless steel enclosed base. The base shall be provided with stainless steel tubular legs with adjustable bullet feet. The enclosed support base shall contain a smooth operating, self-locking tilt mechanism, and shall be of sanitary, drip-proof construction with interior readily accessible for installation or maintenance.

The unit shall be furnished with a heavy reinforced bar rim with a welded-in butterfly shaped pouring lip for pouring control and durability.

All electrical components to be contained within the kettle and console. 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 and maintaining brilliant appearance.

ASME Code, UL Listed
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 for sale in USA and Canada. Unit shall be registered in Canada with a CRN number.

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. (Add "T" to model designation - DEE/4T). 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 295°F. Unit shall be factory charged with chemically pure water and rust inhibitors to ensure long life and minimum maintenance.

Controls
Controls shall include a thermostat, built-in contactor, safety tilt cut-off, safety valve, pressure gauge, water sight glass, heat indicator light and low water cutoff.

Model DEE/4T shown with optional 2" tangent draw-off

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 allows for easy pouring and transfer of kettle contents.

Installation
Specify 208, 240, or 480 Volt, single or three phase, 50 or 60 cycle electric service.

Options/Accessories
☐ 2" tangent draw-off valve with
☐ 1/4" perforated disk strainer
☐ Basket inserts (TRI-BC)
☐ Lift-off cover
☐ Hinged cover kit
☐ Pan carrier (40 and 60-gallon)
☐ Kettle brush kit
☐ Double and single pantry faucets
☐ Lip strainers
☐ 1/8" perforated disk strainer
☐ 1/4" perforated disk strainer
☐ Solid disk strainer
☐ Contour measuring strips
☐ Gallon etch marks

Origin of Manufacture
Kettle shall be designed and manufactured in the United States.

Short Form
Groen Model DEE/4 (Specify gallons), self-contained, tilting, electric heated, stainless steel steam jacketed kettle. All stainless steel construction with reinforced bar rim, butterfly shaped pouring lip and smooth action mechanical tilt. Kettle body shall be mounted in heavy duty stainless steel combination kettle support tilt trunnion, which is supported by stainless steel enclosed base. NSF listed, ASME code constructed for 50 PSI and UL listed. Specify 208, 240, or 480 Volt, single or three phase 50 or 60 cycle. Made in U.S.A.
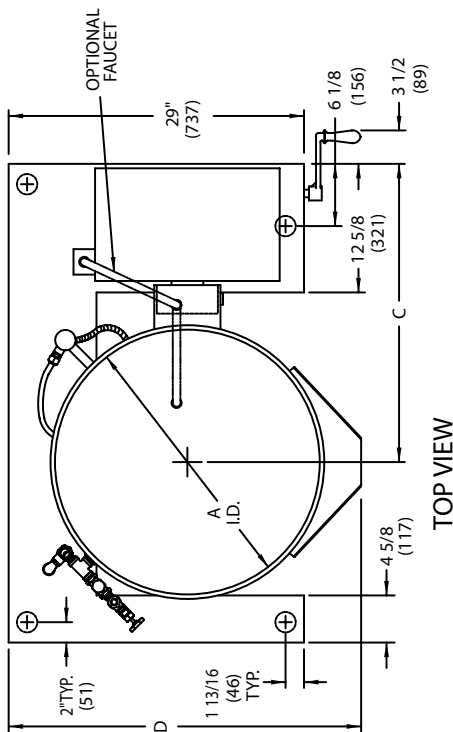
Applications
Meat Dishes
Vegetables
Soups
Sauces
Pasta
Rice
Pie Fillings
Gravies
Poultry
Seafood

TABLE OF DIMENSIONS
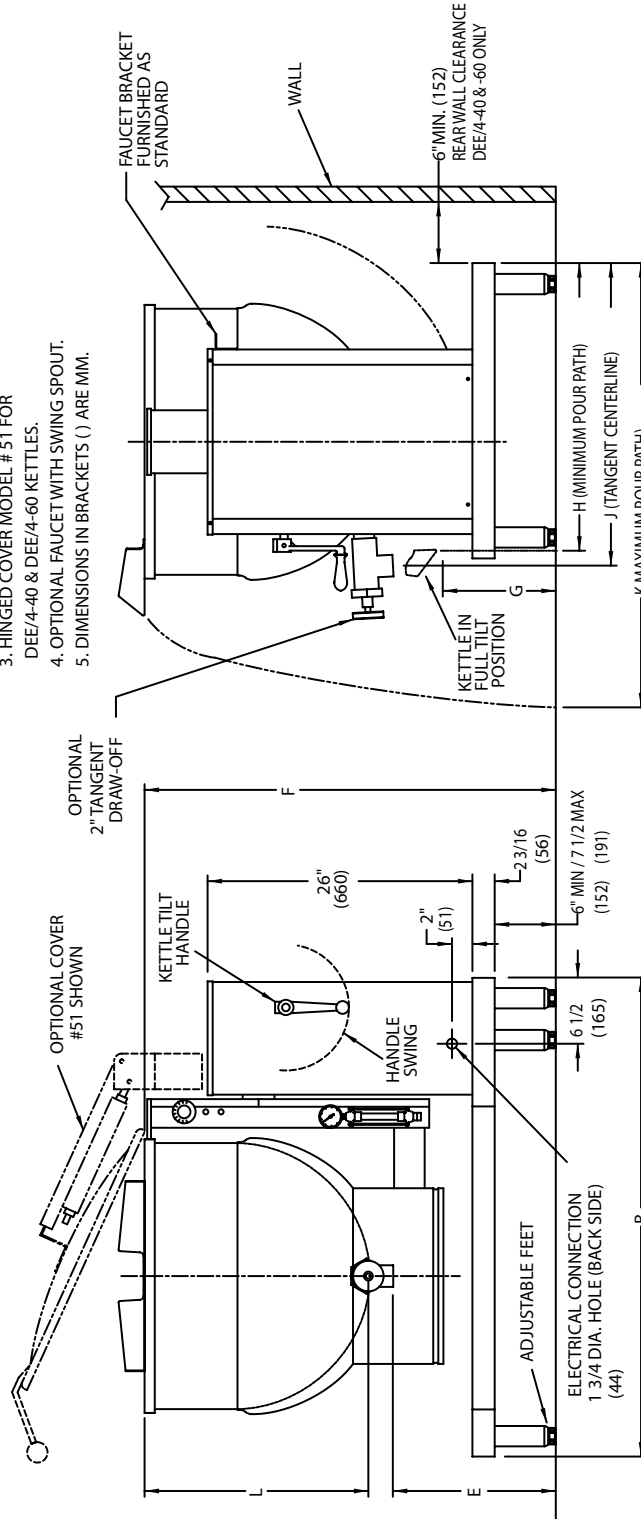
CAP. GAL. DIMS.	20 INCH	20 MM	40 INCH	40 MM	60 INCH	60 MM
A	20	508	26	660	30	762
B	35	889	47	1194	47	1194
C	26	660	29	737	31	787
D	30 3/4	781	34 1/2	876	36 3/8	924
E	18 1/2	470	15 1/4	387	13 1/4	337
F	39 3/8	1000	40 3/8	1026	44 1/8	1121
G	16	406	12 1/4	311	10 3/8	264
H	28	711	29 1/2	749	31 1/2	800
J	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			
1 PH	10.8 KW	21 KW	21 KW
	52 AMP	101 AMP	101 AMP
3 PH	30 AMP	59 AMP	59 AMP
240V			
1 PH	14.4 KW	24 KW	24 KW
	60 AMP	105 AMP	105 AMP
3 PH	35 AMP	61 AMP	61 AMP
480V			
1 PH	12 KW	24 KW	24 KW
	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.

FAUCET BRACKET FURNISHED AS STANDARD

WALL

6" MIN. (152) REAR WALL CLEARANCE DEE/4-40 & -60 ONLY

H (MINIMUM POUR PATH)
J (TANGENT CENTERLINE)
K MAXIMUM POUR PATH)
G
KETTLE IN FULL TILT POSITION

RIGHT SIDE VIEW

OPTIONAL FAUCET
29" (737)
6 1/8 (156)
3 1/2 (89)
12 5/8 (321)
C
A I.D.
4 5/8 (117)
2" TYP. (51)
1 13/16 (46) TYP.
D

TOP VIEW

OPTIONAL 2" TANGENT DRAW-OFF

F
OPTIONAL COVER #51 SHOWN
KETTLE TILT HANDLE
26" (660)
2 3/16 (56)
2" (51)
6" MIN / 7 1/2 MAX (152) (191)
HANDLE SWING
6 1/2 (165)
B
ADJUSTABLE FEET
ELECTRICAL CONNECTION 1 3/4 DIA. HOLE (BACK SIDE) (44)
E
L

FRONT VIEW

MADE IN USA

UL

NSF

unified brands™
A DOVER COMPANY