



Floor Kettles model EE

Description

Kettle shall be a Groen Model EE (Specify 20, 40, 60, 80 or 100 gallon) stainless steel, self-contained, steam jacketed unit operating from an electric heated steam source contained within unit.

Construction

Kettle proper shall be of type 316 stainless steel, solid one-piece welded construction. All exposed surfaces shall be stainless steel. All controls shall be contained within the cabinet.

Kettle body is sheathed in stainless steel and air gap insulated. Faucet mounting bracket is standard.

Finish

Interior of kettle shall be polished to a 18.0 emery grit finish. Exterior of kettle shall be finished to a #3 finish, ensuring maximum ease in cleaning and maintaining brilliant appearance.

ASME Code and UL Listing

Unit shall be ASME shop inspected, stamped and registered with the National Board for operation up to a maximum working pressure of 30 PSI. Unit shall be UL listed.

Sanitation

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

Drawoff

Unit shall have a 2" sanitary tangent drawoff with a 316 stainless steel compression disk drain valve for easy disassembly without tools. Larger 3" drawoff available. The drain outlet shall be equipped with a removable 1/4" perforated stainless steel strainer.

Cover

Cover shall be a one-piece, hinged design dome cover on units up to 40 gallons. 60-100-gallon units shall have a one-piece domed cover with No. 51 counter balanced spring-assisted actuator.

Controls

All controls shall be contained in a stainless steel enclosure within easy reach of the operator. Controls include a thermostat, pilot light, pressure/vacuum gauge, contactor, water level sight glass, safety valve and low water cut-off.

Self-Contained Steam Source

Kettle shall have an electric, self-contained steam source to provide kettle temperatures from 150 to approximately 270°F. Unit shall be factory charged with chemically-pure water and rust inhibitors to ensure long life and minimum maintenance.

Model EE-40 shown



Performance

Unit to be thermostatically controlled to shut off automatically when desired temperature is reached and turn on when product temperature falls below desired setting. Outer sheathing and air insulating gap retains heat and keeps kettle exterior cooler to the touch.

Installation

Unit requires single electrical connection. Specify 208, 240, or 480 Volt, three phase, 50 or 60 HZ. 20 and 40 gallon models available in single phase.

Options/Accessories

- 3" tangent drawoff valve with 1/4" perforated disk strainer
- 1/8" perforated disk strainer
- 1/4" perforated disk strainer
- Solid disk strainer
- Basket inserts (TRI-BC)
- Swing faucets
- Automatic water filler
- Kettle brush kit
- Contour measuring strip
- Gallon etch marks

Origin of Manufacture

Kettle shall be designed and manufactured in the United States.

Stainless Steel Steam Jacketed Kettle

Floor Mounted, Stationary, Self-Contained Electric Heated 20, 40, 60, 80 or 100-Gallon Capacity

Short Form

Groen Model EE (Specify 20, 40, 60, 80, 100 gallons) self-contained, electric heated, stainless steel, steam jacketed kettle. UL and NSF listed, ASME code constructed and National Board registered for operation up to 30 PSI. Automatic thermostat control and pressure gauge mounted in convenient stainless steel control housing. Insulation outer sheathing, 2" tangent drawoff and hinged cover standard. Single electrical connection required: specify Voltage Phase/Hz. Made in USA.

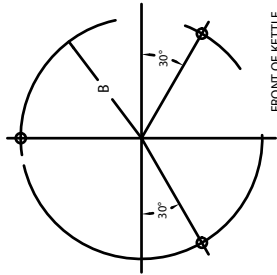


Applications

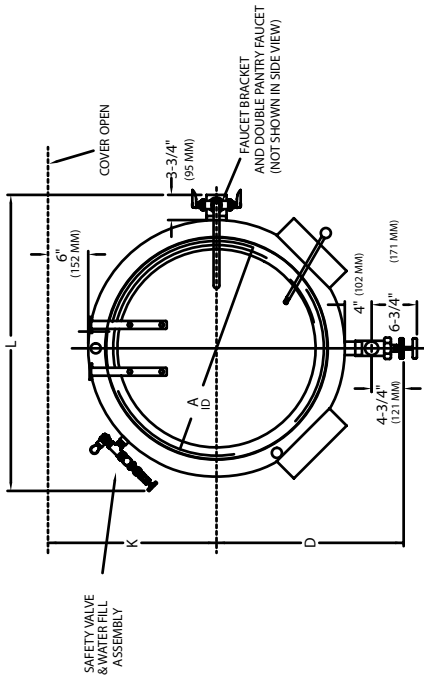
- Meat Dishes
- Vegetables
- Soups
- Sauces
- Pasta
- Rice
- Pie Fillings
- Gravies
- Poultry
- Seafood

TABLE OF DIMENSIONS
CAPACITY (GALLONS/LITRES)

| DIM'S. | 20/76 | | 40/152 | | 60/228 | | 80/304 | | 100/380 | |
|--------|--------|------|--------|------|--------|------|--------|------|---------|------|
| | IN. | MM | IN. | MM | IN. | MM | IN. | MM | IN. | MM |
| A | 20 | 508 | 26 | 660 | 30 | 762 | 32 | 813 | 32 | 813 |
| B | 24 | 610 | 30 | 762 | 34 | 864 | 36 | 914 | 36 | 914 |
| C | 26 | 660 | 32 | 813 | 36 | 914 | 38 | 965 | 38 | 965 |
| D | 21-3/4 | 552 | 24-3/4 | 629 | 26-3/4 | 679 | 27-3/4 | 705 | 27-3/4 | 705 |
| E | 13 | 330 | 10 | 254 | 10 | 254 | 10 | 254 | 10 | 254 |
| F | 9 | 229 | 6 | 152 | 6 | 152 | 6 | 152 | 6 | 152 |
| G | 37 | 940 | 37 | 940 | 40 | 1016 | 44 | 1118 | 50 | 1270 |
| H | 60 | 1524 | 66 | 1676 | 68 | 1727 | 74 | 1879 | 80 | 2032 |
| J | 16 | 406 | 12 | 305 | 12 | 305 | 12 | 305 | 12 | 305 |
| K | 18 | 432 | 25 | 508 | 22 | 559 | 23 | 584 | 23 | 584 |
| L | 32-1/8 | 816 | 38-1/8 | 968 | 42-1/8 | 1070 | 44-1/8 | 1121 | 44-1/8 | 1121 |
| M | 15 | 381 | 11 | 279 | 11 | 279 | 11 | 279 | 11 | 279 |
| N | 17-3/4 | 451 | 20-3/4 | 527 | 22-3/4 | 578 | 23-3/4 | 603 | 23-3/4 | 603 |



PLAN VIEW OF LEGS



NOTES:

1. MODEL #51 COUNTERBALANCED COVER FURNISHED ON 60, 80 & 100 GAL. SIZES ONLY.
2. MODEL #41 COVER (SHOWN) IS STANDARD ON 20 & 40 GAL. SIZE.
3. SINGLE/DOUBLE PANTRY FAUCETS - OPTIONAL.
4. 3" TANGENT DRAWWOFF VALVE - OPTIONAL.

ELECTRICAL TABLE

| KETTLE MODEL | 208V/3PH | | 240V/3PH | | 480V/3PH | |
|--------------|----------|-----|----------|-----|----------|-----|
| | KW | AMP | KW | AMP | KW | AMP |
| EE-20 | 10.8 | 30 | 12 | 29 | 12 | 14 |
| EE-40 | 21.6 | 60 | 24 | 58 | 24 | 28 |
| EE-60 | 32.4 | 90 | 36 | 87 | 36 | 44 |
| EE-80 | 32.4 | 90 | 36 | 87 | 36 | 44 |
| EE-100 | 32.4 | 90 | 36 | 87 | 36 | 44 |

ELECTRICAL NOTES:

1. OTHER VOLTAGES ARE AVAILABLE ON MOST MODELS.
2. SINGLE PHASE OPERATION AVAILABLE ON 20 & 40 GAL. KETTLES ONLY.

