



SMARTSTEAM100 BOILERLESS STEAMER

MODEL SSB-5E/EF

Steamer shall be a Groen Model SSB-5E/EF SmartSteam100™ stainless steel, boilerless, convection steamer with a self-contained atmospheric 12 KW electric steam generating reservoir.

CONSTRUCTION: Steamer cavity, cabinet and stand shall be stainless steel construction, with removable side panels. Steamer shall have no side vents for increased water/spray resistance. Steamer door shall be stainless steel with continuous hinge and field-reversible, with one-piece replaceable seal. Easy-open door latch shall provide positive closure when pushed or slammed shut. A hidden door switch shall cut power to blower fan and steam generating reservoir when door is opened. Pan support racks are stainless steel and easily removed for cleaning. Stainless steel condensate tray is located under cavity door.

FINISH: Cabinet exterior, including door, shall be a #3 uniform finish. Cavity interior shall be polished stainless steel. Control panel face plate shall be smudge-resistant polyester film, ensuring maximum ease in cleaning and maintenance of an attractive appearance.

UL LISTING: Steamer shall be UL and cUL listed.

SANITATION: Steamer shall be designed and manufactured to meet NSF requirements and all known health codes. Steamer shall be NSF listed.

CONTROLS: Steamer controls shall include an on-off rocker switch; electronic timer, with continuous steam, timed steam and stop buttons; READY light which indicates when cavity is warm and ready for steaming.

PERFORMANCE FEATURES: Steamer cavity shall have a powerful, side-mounted blower to increase steam velocity and provide efficient steam distribution throughout the cavity and between loaded pans. Steam generator shall deliver 2.4 KW of electric power input per 2-1/2" deep steam pan. Steamer shall have a steam lid positioned over the steam generating reservoir to ensure that adding/removing food does not lower the cavity or water temperature. Heat up time to READY shall typically be 15 minutes or less. Cavity is kept warm and ready for instant steam between loads. No cavity warm up required after READY light comes on.

ATMOSPHERIC STEAM GENERATING RESERVOIR: Steamer shall have an electric-heated steam generating reservoir to provide atmospheric steam to the cavity at a temperature of approximately 212° F. The high-efficiency steam generating reservoir shall have water level sensors. Electric heating elements shall not be immersed in water (dry) and replaceable from the rear. Acidic products and other commercial chemicals shall not be used to clean the steamer. A daily wipe down of the steamer cavity, steam lid and floats is sufficient to maintain optimal operation of the steamer. However, Groen Descaler or approved equal may be required.

PAN CAPACITY:

| Pan Size/ Type | Total |
|------------------|-------|
| 12 x 20 x 1" | 10 |
| 12 x 20 x 2 1/2" | 5 |
| 12 x 20 x 4" | 3 |

INSTALLATION: Steamer shall require 208, 240, or 480 Volt, 3-phase electrical service. All units ship three-phase, and are field convertible to single-phase operation. Each cavity shall have (2) 3/4" NH water supply lines and a 1-1/2" free venting drain.

WATER SUPPLY REQUIREMENTS: Steamer must be connected to an on-site water supply. Water supply at 30 - 60 PSIG with flow at .75 - 1.5 GPM per cavity.

ORIGIN OF MANUFACTURE: Designed and manufactured in the United States.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

5-Pan Boilerless Convection Steamer, table top or stand-mounted, stainless steel, self-contained, electric heated. (Model SSB-5EF shown)



OPTIONS/ACCESSORIES:

- ☐ Factory Stacking Kit
- ☐ Stainless Steel Support Stand
- ☐ Pan Rack Kit (for support stand)
- ☐ Flanged Foot Kit (for support stand)
- ☐ Caster Kit (for support stand)
- ☐ Heat Shield Kits
- ☐ 4" Adjustable Legs (table top only)



SERVICE CONNECTIONS & NOTES:

- ① DRAIN CONNECTIONS: 1 1/2" [38] TUBE FREE VENTING
DO NOT CONNECT DIRECTLY TO DRAIN. ALLOW 2" AIR GAP
- ② WATER SUPPLY: (2) 3/4" MALE HOSE CONNECTION.
30-60 PSIG WITH A FLOW RATE OF 1.50 GPM.
ONE EACH MAIN & CONDESATE, PRESSURE REGULATOR
REQUIRED FOR WATER PRESSURE OVER 60 PSI
- ③ ELECTRICAL CONNECTION: SEE CHART
CONDUIT HOLE SIZE: 1-1/4" HOLE

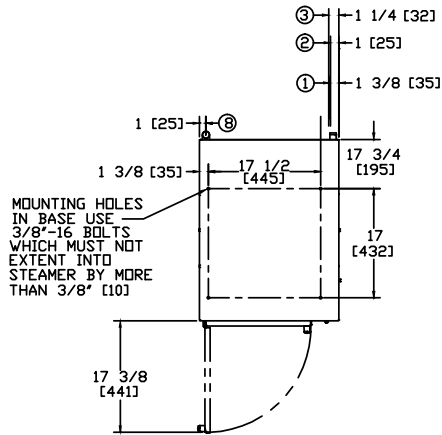
④ CLEARANCES:

EACH SIDE = 2" [51]
REAR = 6" [152]

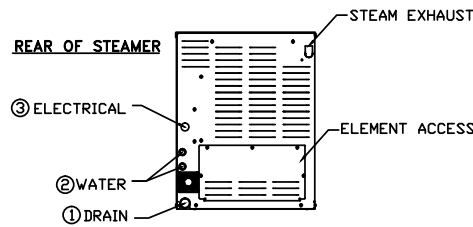
⑤ DIMENSIONS IN BRACKETS [] ARE MM.

- ⑥ STEAM FREE ZONE: STEAMERS FLOOR DRAIN
NOT TO BE LOCATED WITHIN ZONE. ALTERNATE
EQUIPMENT THAT DRAIN CAUSING STEAM
NOT TO BE DRAINED IN STEAM FREE ZONE
- ⑦ DO NOT INSTALL STEAMER DIRECTLY
ABOVE STEAM VENTING FLOOR DRAINS
- ⑧ STEAM EXHAUST

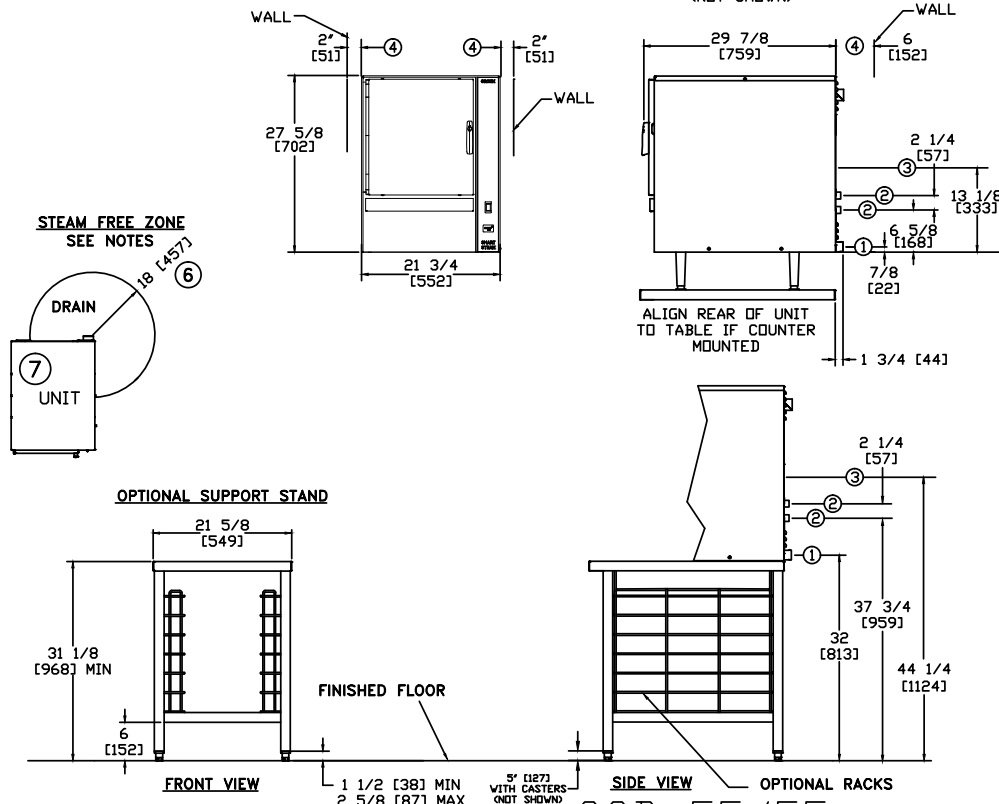
P/N 145241 REV K



| ELECTRICAL REQUIREMENTS | | | |
|-------------------------|-------|------|---------|
| VOLTAGE | PHASE | AMPS | MAX. KW |
| 208 | 1 | 58 | 12 |
| | 3 | 34 | 12 |
| 240 | 1 | 50 | 12 |
| | 3 | 29 | 12 |
| 480 | 3 | 15 | 12 |
| ALL UNITS 60Hz | | | |



FRONT OF STEAMER



SSB-5E/EF

145241 REV K