



# SMARTSTEAM100 BOILERLESS STEAMER

## ELECTRIC MODEL SSB-3E/EF

Steamer shall be a Groen Model SSB-3E/EF SmartSteam100™ stainless steel, boilerless, convection steamer with a self-contained atmospheric 9 KW electric steam generating reservoir.

PROJECT NAME:

LOCATION:

ITEM NO:

QTY:

MODEL NO:

AIA NO:

SIS NO:

**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. Hands free 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.

**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 cavity and between loaded pans. Steam generator shall deliver 3.0 KW of electric power input per 2 1/2" deep steam pan. Steamer shall have a steam lid positioned over steam reservoir to ensure adding/removing food does not lower the water temperature. Heat up time to READY shall be 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 are not immersed in water and replaceable from the rear.

### PAN CAPACITY:

Pan Size/Type	Total
12 x 20 x 1"	6
12 x 20 x 2-1/2"	3
12 x 20 x 4"	2

**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.

3-Pan Boilerless Convection Steamer, table top or stand-mounted, stainless steel, self-contained, electric heated. (Model SSB-3EF shown)



### OPTIONS/ACCESSORIES:

- Prison package
- 4" leg set
- Field drain tempering kit
- Heat shield
- Stand
- Caster kit for stand
- Flanged foot kit for stand
- Pan rack kit for stand
- Water treatment kit
- Water treatment replacement filter
- Single water connection

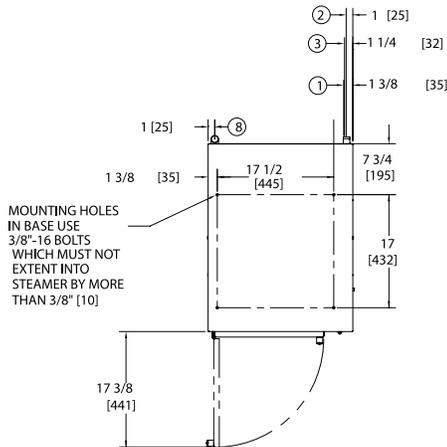


**SERVICE CONNECTIONS & NOTES:**

- 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 & CONDENSATE, PRESSURE REGULATOR  
REQUIRED FOR WATER PRESSURE OVER 60 PSI
- ③ ELECTRICAL CONNECTION: SEE CHART  
CONDUIT HOLE SIZE: 1 1/4" HOLE

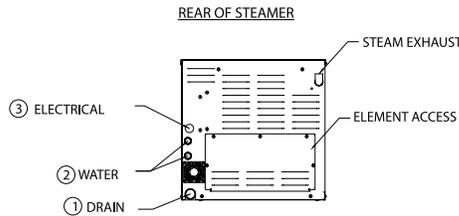
- ④ CLEARANCES:  
EACH SIDE = 2" [51]  
REAR = 6" [152]
- ⑤ DIMENSIONS IN BRACKETS [ ] ARE MM.
- ⑥ STEAM FREE ZONE: STEAMERS FLOOR DRAIN  
NOT TO BE LOCATED WITHIN ZONE. ALTERNATE  
EQUIPMENT THAT DRAIN CAUSING STEAM  
NOT TO BE DRAINED IN STEAM FREE ZONE
- ⑦ DO NOT INSTALL STEAMER DIRECTLY  
ABOVE STEAM VENTING FLOOR DRAINS
- ⑧ STEAM EXHAUST

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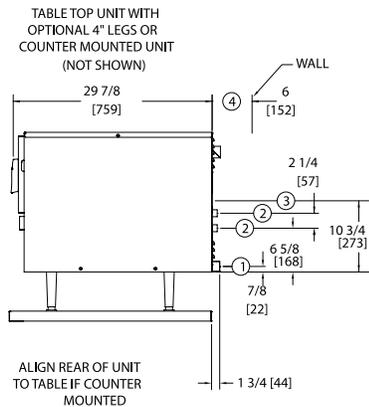
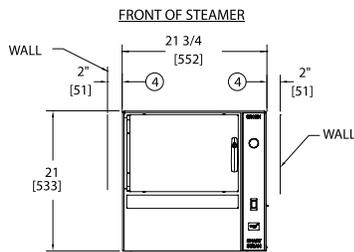
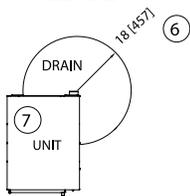


MOUNTING HOLES  
IN BASE USE  
3/8"-16 BOLTS  
WHICH MUST NOT  
EXTEND INTO  
STEAMER BY MORE  
THAN 3/8" [10]

ELECTRICAL REQUIREMENTS			
VOLTAGE	PHASE	AMPS	MAX. KW
208	1	44	9
	3	25	9
240	1	38	9
	3	22	9
480	3	11	9
ALL UNITS 60Hz			



STEAM FREE ZONE  
SEE NOTES



ALIGN REAR OF UNIT  
TO TABLE IF COUNTER  
MOUNTED

