



# SMARTSTEAM PRO

## BOILERLESS STEAMER GAS MODEL GSSP-BL-10GS

Stand mounted, stainless steel, boilerless convection steamer with a self-contained atmospheric 100,000 BTU/hr gas steam generating 3.5-gallon reservoir.



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

**SHORT FORM SPEC:** Shall be a Groen SmartSteam Pro model GSSP-BL-10GS boilerless gas convection steamer, 100,000 BTU's. Rear-panel vents. Fully assembled from factory on stainless steel stand. Water-resistant touchscreen control with self-diagnostics and programmable features. Capacity to be (10) 12"x20"x2-1/2" hotel pans or (10) 18"x26" full sheet pans. Dual water connection per cavity, auto fill and drain, mirrored interior, side-mounted convection fan. 3.5-gallon water reservoir protected by removable steam lid for easy cleaning and increased steam recovery. Slammable, field-reversible, hands-free stainless steel door latch. Standard 1-year parts and labor warranty with additional 1-year warranty upon completion of scheduled free Groen startup. 5-year cavity warranty.

### CONSTRUCTION:

- Stainless steel construction with removable non-louvered side panels
- Rear-panel vents for decreased water/spray ingress
- Stainless steel field-reversible door with continuous hinge and single-piece replaceable seal
- Hands-free door latch provides positive closure when pushed or slammed shut
- Hidden door switch cuts power to blower fan and steam generating reservoir when door is opened
- Pan support racks are stainless steel and easily removed for cleaning
- Removable stainless steel condensate tray located under cavity door
- 5-year cavity warranty
- ASA component control (fan, valve, etc.) allows visibility of component operation on screen
- USB port for service use and firmware updates
- 5-day storage of error code history

**FINISH:** Cabinet exterior and door feature a #3 uniform finish. Cavity interior is polished stainless steel with mirrored finish.

**CSA LISTING:** Steamer is CSA (formerly CGA) design certified.

**SANITATION:** NSF Listed. Designed and manufactured to meet all known health codes.

### CONTROLS:

- Water resistant, user-friendly touch screen
- Self diagnostics
- User selected or automatic holding feature after timed cook completes
- 10 nameable pan timers
- Door open alert
- Clock
- Programmable delime schedule with simple on-screen walk-through and notifications
- "+1 minute" button quickly adds to cook time
- User optional load compensating timer

### PERFORMANCE FEATURES:

- Powerful, side-mounted blower increases steam velocity for efficient distribution throughout cavity and between loaded pans
- 10,000 BTU gas burner per 2-1/2" deep steam pan
- Removable steam lid increases recovery times and aids in ease of cleaning
- Typical heat up is zero to ready in 15 minutes or less
- Cavity maintains warmth and ready status for instant steam between loads

### ATMOSPHERIC STEAM RESERVOIR:

- High-efficiency gas-heated steam generating reservoir provides atmospheric steam to the cavity at a temperature of approximately 212°F
- Built-in water sensing system
- Specify elevation during ordering process

### PAN CAPACITY:

Pan Size/Type	Total
12 x 20 x 1"	20
12 x 20 x 2-1/2"	10
12 x 20 x 4"	6
13 x 18" Bake Pan	20
18 x 26" Bake Pan	10

**INSTALLATION:** Each steamer requires natural or propane (specify) gas service via a 1/2 NPT gas supply line or approved equivalent. Each cavity has (2) 3/4" NH cold water supply line connections and a single 1-1/2" free venting drain connection. Each steamer has 115 Volt, single-phase electrical service.

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### WATER QUALITY REQUIREMENTS:

### OPTIONS/ACCESSORIES:

- Prison Package
- Field Drain Tempering Kit
- Field Stacking Kit
- Flanged Foot Kit for Stand
- Caster Kit for Stand
- Heat Shield Kit (field installed)
- Gas Quick Disconnect
- Water Treatment Systems
- Water Treatment Replacement Cartridges
- 1-Year Warranty Extension

### ADDITIONAL RESOURCES:

[Request A Quote](#)

[Sales Tools](#)

[Find A Rep](#)

Containment  
 Water Supply  
 pH  
 7 to 9  
 Total Dissolved Solids (TDS)  
 30 to 60 ppm  
 Hardness  
 less than 60 ppm  
 Chlorine and Chloramine  
 less than .1 ppm  
 Chlorides  
 less than 30 ppm  
 Silica  
 less than 12 ppm  
 Undissolved Solids  
 less than 5 microns

In order to accurately choose the correct water treatment solution, a water quality test has to be performed. If a "Free Start-up" is requested, the ASA will perform a water quality test and Unified Brands will be able to suggest the best solution for your water quality. If a "Free Start-Up" was not requested prior to installation, then your local manufacturing representative can coordinate this for you.

After the "Free Start-up" is performed, Unified Brands will add an additional 1-year parts and labor warranty. If Unified Brands suggests a water treatment system, the system is purchased from Unified Brands, installed and maintained, water related service issues will be covered for the duration of the warranty period.

**SERVICE CONNECTIONS & NOTES:**

- ① DRAIN CONNECTIONS: 1 1/2" [38] TUBE FREE VENTING  
DO NOT CONNECT DIRECTLY TO DRAIN. ALLOW 2" AIR GAP
- ② GAS CONNECTION: 1/2" NPT  
GAS LINE MUST DELIVER 100,000 BTU'S MINIMUM
- ③ 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
- ④ ELECTRICAL CONNECTION: 120VAC, 60Hz,  
1 AMP DRAW (STANDARD 15 AMP SERVICE SOURCE),  
CONDUIT SIZE: 13/16" [21] HOLE  
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

EACH COMPARTMENT	NATURAL GAS	PROPANE GAS
GAS OPERATING PRESSURE	4.3" W.C.	10.5" W.C.
MAX. INPUT-BTU/HR	100,000	100,000
RECOMMENDED INCOMING GAS FEED RATE	5"W.C. MIN	12"W.C. MIN
	14"W.C. MAX	14"W.C. MAX

