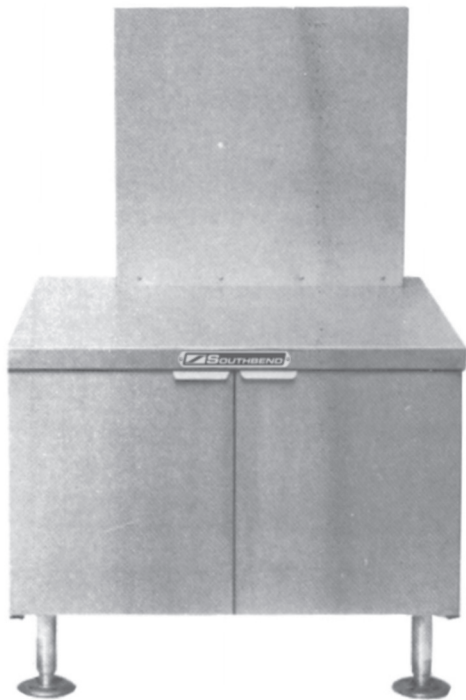




# GAS OPERATED STEAM GENERATOR

Job \_\_\_\_\_  
Item# \_\_\_\_\_



MODEL	WIDTH	BTU
CG-14S	24"	140,000
CG-20S	24"	200,000
CG-314S	36"	140,000
CG-320S	36"	200,000
CG-325S	36"	250,000
CG-330S	36"	300,000

### OPERATION SHALL BE BY:

Gas operated 15 psi (103 kPa) steam boiler operating on 115 VAC:

- Natural Gas
- L.P. Gas
- 140,000 BTU
- 200,000 BTU
- 250,000 BTU
- 300,000 BTU

### OPTIONAL ITEMS AT EXTRA COST:

- 220 VAC operation
- 240 VAC operation
- Pressure reducing valve
- California code
- CSD-1
- Automatic boiler blow down
- Stainless steel rear panel
- Front flanged feet
- Rear flanged feet
- Split water line
- Correctional package

### SPECIFICATIONS:

Shall be a Southbend model \_\_\_\_\_, gas fired steam boiler suitable for operation at any pressure from 5-15 psi (34-103 kPa) and to operate on 115 VAC.

Boiler shall be mounted in a cabinet base:

- 24" (610 mm) wide 140,000 or 200,000 BTU.
- 36" (914 mm) wide 140,000, 200,000, 250,000 or 300,000 BTU.

Polished #4 finish stainless steel cabinet base shall be a modular design. Shall be equipped with 6" (152 mm) stainless steel legs fitted with adjustable bullet feet, reinforced stainless steel counter top, and hinged doors with magnetic latches. All piping shall be confined within cabinet.

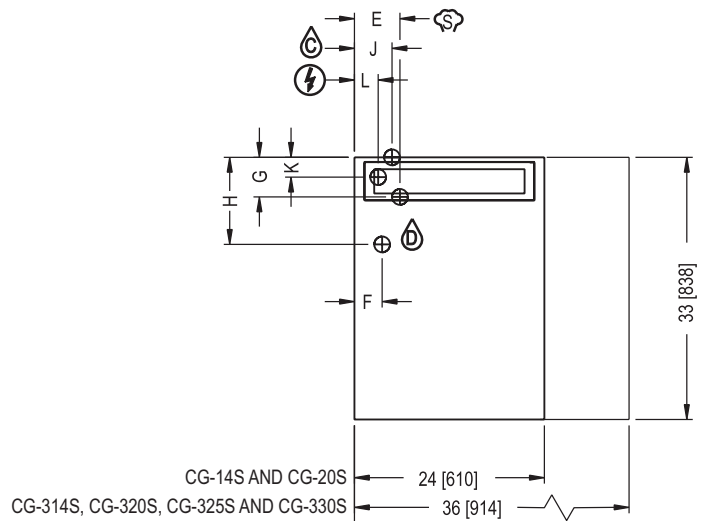
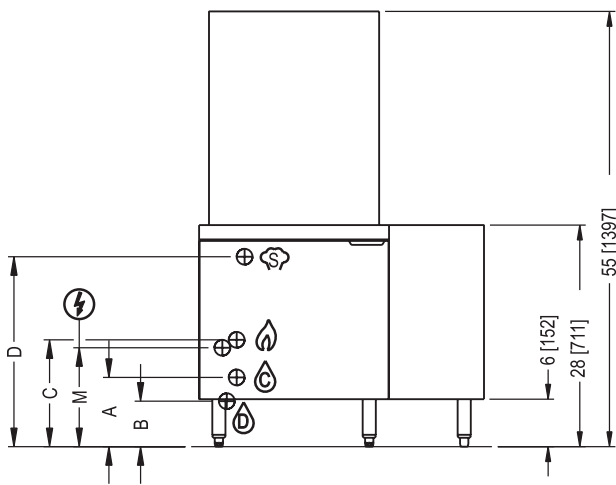
Unit shall come standard with automatic water level control, pressure gauge, water gauge glass, pressure control with secondary safety pressure control, safety relief valve and cathodic protector.

Thermostatically controlled cold water shall automatically condensate exhausted steam into water before releasing it to the drain. Electronic ignition included.

### ACCESSORIES:

- Steam take off kit
- Ball float trap
- De-liming kit (DPA-1)
- Water in "Y" strainer





**SERVICE CONNECTIONS**

- COLD WATER: 3/8" O.D. tubing at 25-50 PSI (170 - 345 kPa).
- DRAIN: 2" (51 mm) IPS piped to open floor drain. No solid connection.
- ELECTRICAL CONNECTION: Unless otherwise specified, field wiring electrical connection to be 120V, 60 Hz, 1 Phase with ground.
- STEAM TAKE-OFF CONNECTION: 3/4" (19 mm) IPS optional to operate adjacent equipment.
- GAS CONNECTION: 3/4" (19 mm) IPS supply line required. Natural Gas: min 7" (178 mm) W.C., Propane: min. 11" (279 mm) W.C.

**DIMENSIONS**

MODEL	BTU/Hr	UNITS	A	B	C	D	E	F	G	H	J	K	L	M
CG-14S CG-20S	140,000 200,000	in (mm)	8.75" (222)	5.75" (146)	13.5" (343)	24" (610)	5.75" (146)	3.5" (89)	5" (127)	11" (279)	4.75" (121)	2.5" (64)	3" (76)	12.5" (318)
CG-314S CG-320S CG-325S CG-330S	140,000 200,000 250,000 300,000						8" (203)		6" (152)		6.75" (171)			6" (152)

**WATER QUALITY STATEMENT**

Water quality is the major factor affecting the performance of your appliance. If you are unsure of water quality, consult a local water treatment specialist and have the water analyzed. Your water supply must be within these general guidelines:

- Total dissolved solids .....Less than 60 PPM
- Total alkalinity .....Less than 20 PPM
- Silica.....Less than 13 PPM
- Chlorine .....Less than 30 PPM
- pH Factor .....7.0 - 8.5

Water which fails to meet these standards should be treated by installation of water conditioner.

**FAILURE OR MALFUNCTION OF THIS APPLIANCE DUE TO POOR WATER QUALITY IS NOT COVERED UNDER WARRANTY. CONTACT SOUTHBEND FOR WATER QUALITY SOLUTIONS.**

**INTENDED FOR COMMERCIAL USE ONLY.  
NOT FOR HOUSEHOLD USE.**

