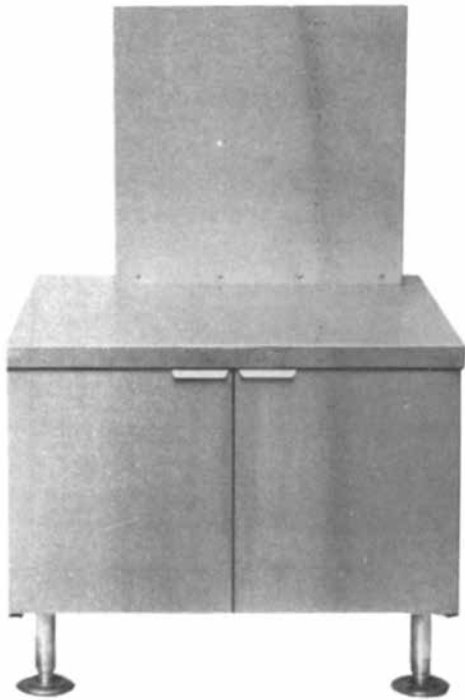




# GAS OPERATED STEAM GENERATOR



MODEL	WIDTH	BTU
CG-220	24"	200,000
CG-325	36"	250,000
CG-330	36"	300,000

## OPERATION SHALL BE BY:

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

- ☐ Natural Gas
- ☐ L.P. Gas
- ☐ 200,000 BTU (24" cabinet)
- ☐ 250,000 BTU (36" cabinet)
- ☐ 300,000 BTU (36" cabinet)

## STANDARD FEATURES:

- Water Treatment System
- CSD-1 boiler controls
- Automatic boiler blowdown
- Electronic ignition
- Steam take off kit

## OPTIONAL ITEMS AT EXTRA COST:

- ☐ 220 VAC operation (GBVS-1)
- ☐ Pressure reducing valve (PRV-2)
- ☐ Correctional package
- ☐ Ball float trap (BFT)
- ☐ Water in "Y" strainer (Condenser feed)

## SPECIFICATIONS:

Shall be a Crown 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 200,000 BTU.
- ☐ 36" (914 mm) wide 250,000 or 300,000 BTU.

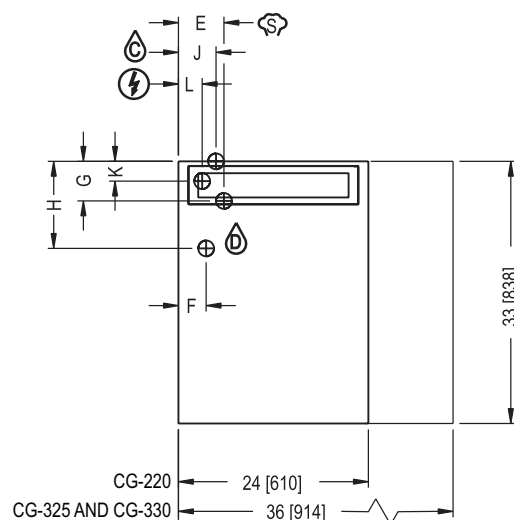
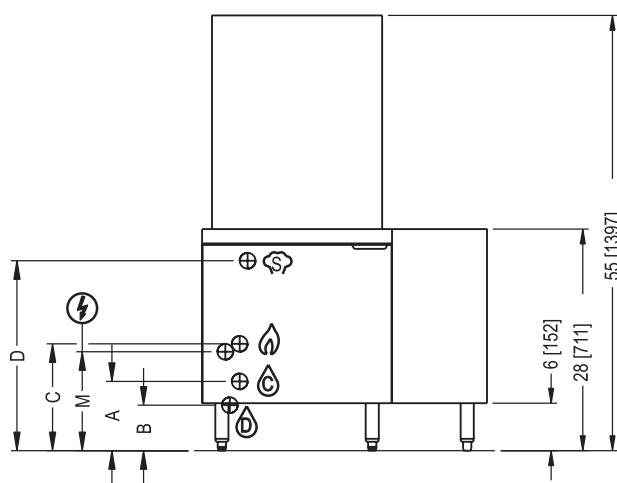
Polished #4 finish stainless steel cabinet base shall be a modular  
design. Shall be equipped with 6" (152 mm) stainless steel legs  
with 4 adjustable flanged feet, reinforced stainless steel counter  
top, and hinged doors with magnetic latches. All piping shall be  
confined within cabinet.

Unit shall come standard with automatic water level control,  
pressure gauge, water gauge glass, pressure control with  
secondary safety pressure control, safety relief valve, split water  
line, automatic boiler blow-down, CSD-1 boiler controls, steam  
take off kit, nickel plating, and electronic ignition.

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

**\*SEE REVERSE SIDE OF SPEC SHEET FOR WATER  
TREATMENT SYSTEM STATEMENTS\***





### 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 115V, 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-220	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-325	250,000						8" (203)		6" (152)		6.75" (171)			6" (152)
CG-330	300,000													

### WATER QUALITY STATEMENT

Water is the essential ingredient in steam equipment, water quality is the major factor affecting the performance of your appliance. Crown Steam Group offers a Comprehensive Water Treatment System which exceeds our minimum water requirements. Proof of installation and proper cartridges replacement is required for warranty coverage. Water supply to Crown Steam Group steamers must be within these guidelines.

Total dissolved solids.....Less than 60 PPM  
 Total alkalinity .....Less than 20 PPM  
 Silica.....Less than 13 PPM  
 Chlorine .....Less than 1.5 PPM  
 pH Factor .....6.8 - 7.3

Water which does not meet these standards should be treated with the installation of Middleby's Water Treatment System. Call 919-762-1000 if you have questions concerning your water meeting these parameters.

\*Failure or malfunction of this appliance due to poor water quality is not covered under warranty.

Reference [www.crownsteamgroup.com](http://www.crownsteamgroup.com) for complete warranty details and instructions.

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



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 (919) 762-1000 [www.crownsteamgroup.com](http://www.crownsteamgroup.com)