

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 FCSI Section 11400 \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Date \_\_\_\_\_

## MODULAR CABINET BASE

GAS-FIRED STEAM GENERATOR with NICKELGUARD™,  
 200 or 300M BTU, 24" (600mm) or 36" (900mm) WIDE BASE

### Models

- 24-GM-200
- 36-GM-300



### Standard Features

- Type 430 Stainless Steel exterior enclosure, Back Splash and Table Top with #4 finish
- Hinged Cabinet Door
- 6" Stainless Steel Legs with level adjustment and flanged feet
- Solid State steam generator Water Level Controls
- Low Water Safety Cut-off
- Pressure Limit Controls with 15 psi Safety Valve
- Solid State Electronic Spark Ignition for energy savings
- Major components serviceable from the front of unit
- Nickelguard™ Steam Generator empties under pressure (blowdown) automatically upon each Shut-Down. Automatic Water refill on Start-Up.
- Separate "Start/Reset" Illuminated switch controls, plus pressure Gauge
- Steam Generator Drain incorporates Water Cooling and "Jet Rinsing"
- Insulated steam generator reduces heat loss to work area
- Gas Pressure Regulator
- Steam Generator is complete with Access Hole/Cover Plate and Sight Glass Gauge
- Standard voltage for controls is 115 volt, 60 Hz, single phase
- Single Cold water connection (no hot water required)
- Secondary Low Water Cut-Off, factory installed (CALG) (Required for AZ. AR. CA. CO. CT. DE. FL. GA. HI. IL. IA. KS. MD. MA. MI. MN. MT. NE. NV. NM. NC. OK. OR. PR. RI. TN. UT. VA. WA. WV., Buffalo, NY, Wash. DC)

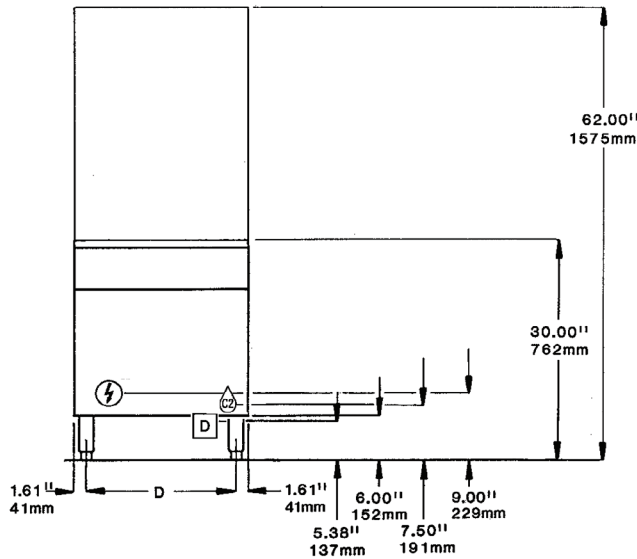
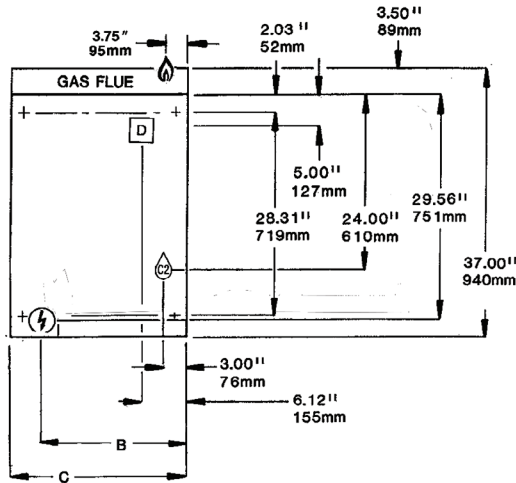
### Short Form Specifications

Shall be CLEVELAND, Modular Cabinet Base, Model \_\_\_\_-GM \_\_\_\_ M, Nickelguard™, BTU gas generator, type 304 Stainless Steel Exterior enclosure, Table Top and 6" Level Adjustable Legs. Console mounted controls, Pressure Gauge and Illuminated "Start/Reset" control switches. Solid State Water Level Steam Generator Controls. Steam Generator drains under pressure (blow-down) after each Shut-Down, Automatic Water Fill on Start-Up. 15 psi Safety Valve.

### Options & Accessories

- Gas, other than natural
- Insulated Flue for island installation
- Boiler Descaling Pump Kit (107142)

KE004046-131



WATER QUALITY REQUIREMENTS (Boilers, Generators)	
TTDS:	50-250 ppm
Hardness:	50 - 200 mm (3 - 12 gpg)
pH value:	7.0 - 8.5
CL (Chloride):	max 50 ppm
Cl <sub>2</sub> (free chlorine):	max 0.1 ppm
SiO <sub>2</sub> (silica):	max 13 ppm
NH <sub>2</sub> Cl: (mono-chloramine)	max 0.1 ppm
Total Alkalinity:	50 - 100 ppm
Water Pressure	35 - 80 PSI
Temperature:	max 104°F

MODEL NO.	BTU RATING		A	B	C	D
24-GM	200	IN mm	17.84 453	19.00 482	23.62 600	20.40 518
36-GM	300	IN mm	25.03 636	30.81 782	35.43 900	32.22 818

GAS		ELECTRIC	WATER	DRAINAGE	CLEARANCE
NATURAL	PROPANE	115V-1 PH 50 watt Steam Generator 15.0 Amps  ** Do not connect to GFI outlet. See note below.	35 psi minimum 60 psi maximum 1/4" NPT Cold Water Inlet  Boiler feed	1 1/2" IPS common drain. Do not connect other units to this drain.  Do not use PVC pipe for drain.	Right - 6", Left - 6", Rear - 6" (12" on control side if adjoining wall or equipment is over 30" high for service access)  For use in non-combustible locations only. <b>Contact factory for variances to clearances.</b>
3/4" IPS for 220,000 BTU or less. 1.00" IPS for 240,000 BTU or more. Supply pressure: 4.00" W.C. min. 14.00" W.C. max.					
3/4" IPS for 220,000 BTU or less. 1.00" IPS for 240,000 BTU or more. Supply pressure: 12.00" W.C. min. 14.00" W.C. max.					
Manufacturer must be notified if unit is to be used above 2,000 ft. altitude.					

**NOTES:**

\*\*DO NOT CONNECT TO GFI OUTLET. CLEVELAND RANGE RECOMMENDS GAS FIRED 120 VOLT STEAMERS BE HARD WIRED DIRECTLY TO ELECTRICAL SYSTEM. Cleveland Range reserves right of design improvement or modification, as warranted. Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes. Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are ASME/N. Bd, NSF and CSA (AGA, CGA).

(NOT TO SCALE)