

Project _____
 Item _____
 Quantity _____
 FCSI Section 11400 _____
 Approved _____
 Date _____

MODULAR CABINET BASE

GAS-FIRED STEAM BOILER 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 boiler 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 Boiler 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 Boiler Drain incorporates Water Cooling and "Jet Rinsing"
- Insulated steam boiler reduces heat loss to work area
- Gas Pressure Regulator
- Steam Boiler 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)

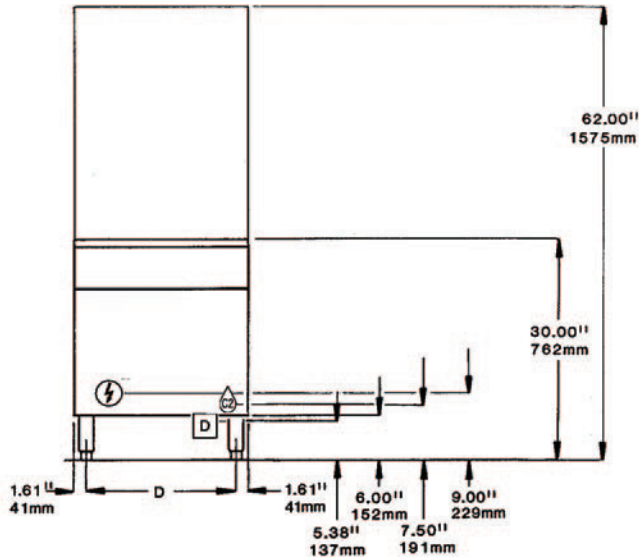
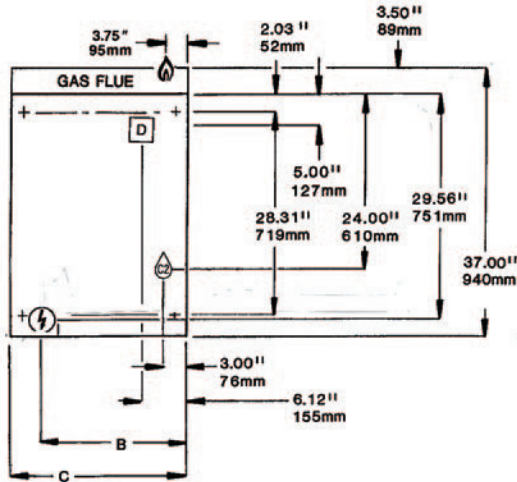
Short Form Specifications

Shall be CLEVELAND, Modular Cabinet Base, Model ____ -GM ____ M, Nickelguard™, BTU gas boiler, 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 Boiler Controls. Steam Boiler 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



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

GAS		ELECTRIC	WATER	DRAINAGE	CLEARANCE
NATURAL	PROPANE	115V-1 PH 50 watt Steam Generator 6.0 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. Contact factory for variances to clearances.
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)

**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
Cl2 (free chlorine):	max 0.1 ppm
SiO2 (silica):	max 13 ppm
NH2Cl: (mono-chloramine)	max 0.1 ppm
Total Alkalinity:	50 - 100 ppm