

Cleveland

2 OR 3 COMPARTMENTS, GAS FIRED STEAM BOILER, 300M BTU, 36" WIDE CABINET BASE WITH NICKELGUARD™

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

Models

2 COMPARTMENT

- PGM-300-2

3 COMPARTMENT

- PGM-300-3



Short Form Specifications

Shall be _____ Compartments, CLEVELAND, Pressure Steamer, Model PGM-____ - ____ , Gas-fired Steam Boiler, ____ M BTU input; ____ volts, single phase. Each Cooking Compartment equipped with: 60 Minute Timer; Pressure Safety Valve; Heavy-duty, free floating Door with Safety Interlock; and synchronous operating Steam Inlet and Exhaust/Drain Valves. Solid State Controls operate Water Level and Steam Boiler (boiler) Safety Functions. Automatic Steam Boiler (boiler) Blowdown with additional Manual Drain Valve.

- Heavy Duty, free floating, cast aluminum compartment doors
- Compartment Door Hinges have adjustable hinge pins and self-lubricating bushings
- Door Gasket replaceable without tools
- Pressure Gauge for compartment Operating Pressure
- Compartment Slide Racks are removable without tools, for easy cleaning
- Type 304 Stainless Steel: external enclosure, Table Top and eight gauge plate cooking compartments
- Modular Cabinet Base with Hinged Doors
- High efficiency Gas-Fired Steam Boiler with NickelGard and Automatic Water Fill on start-up
- Automatic Water Level Control System with Low Water Power Cut-off Circuit
- Steam Boiler equipped with High-limit Pressure Safety Switch and Safety Valve
- Automatic Steam Boiler (boiler) Blowdown allows intermittent control, complete with additional Manual Drain Valve
- Steam Boiler with Electronic Spark Ignition
- Single Cold Water Connection (no hot water required)
- 6" Stainless Steel Legs with level adjustment and flanged feet
- Gas Pressure Regulator and Control Valve
- Standard Voltage 115 volts, 60 hz, single phase
- All Major Components are serviceable from the front of unit
- 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)
- Stainless Steel base Frame (FSS)

Standard Features

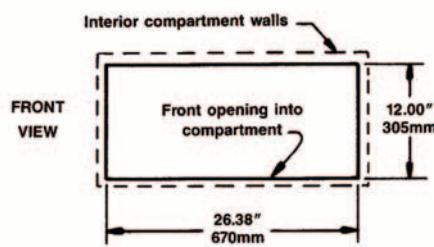
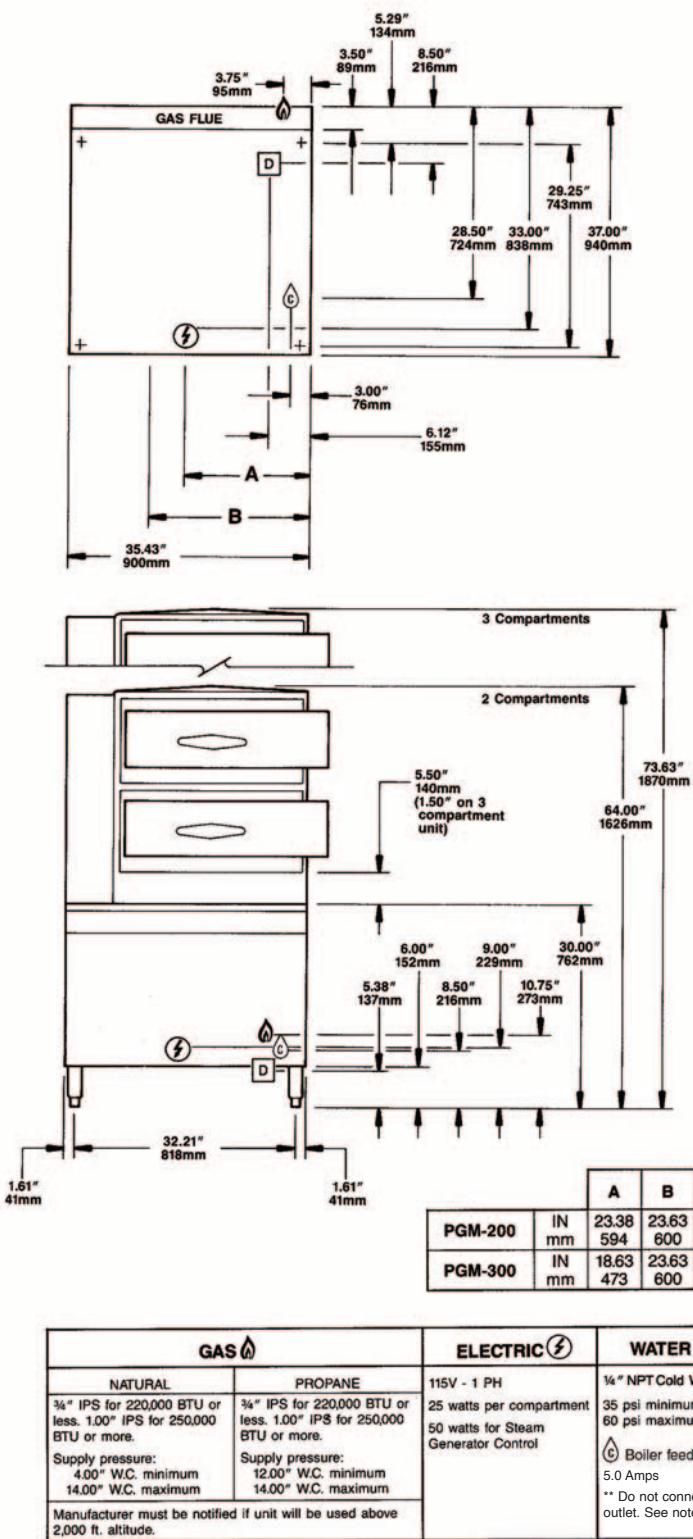
- 5 psi Operating Pressure in cooking compartments
- Mechanical interlock prevents unlatching door while compartment is pressurized
- Timers, one per compartment, are mechanical style with audible signal
- Thermostatic Trap vents cooking compartment automatically
- Steam Inlet Valves and Exhaust Valves interlocked for synchronous action
- 8 psi Compartment Safety Valve
- Capacity per compartment for eight, 12" x 20" x 2 1/2" deep Cafeteria Pans, or four, 18" x 26" Bun Pans

Options & Accessories

- 15 psi for Kettle Operation, includes Power Take-Off (PTO)
- Kettle Interconnecting Kit (IMK)
- Stainless Steel Insulated Flue (SSF)
- Special Compartment Slide Racks
- 12" x 20" Cafeteria Pans 1", 2 1/2", 4" or 6" deep
- Intermediate Pull-Out Shelf (POS)
- Gas Option, other than natural
- Water Filters
- Correctional Packages

Cleveland

Pressure Steamers



COMPARTMENT HAS CAPACITY FOR:
 Eight, 12" x 20" x 2 1/2" Cafeteria Pans or
 Six, 12" x 20" x 4" Cafeteria Pans or
 Four, 12" x 20" x 6" Cafeteria Pans or
 Four, 18" x 26" Bun Pans

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 ₂ (free chlorine):	max 0.1 ppm
SiO ₂ (silica):	max 13 ppm
NH ₂ Cl: (mono-chloramine)	max 0.1 ppm
Total Alkalinity:	50 - 100 ppm

Shipping Weight
 Model -
 PGM-300-2 Weight - 974 lbs
 PGM-300-3 Weight - 1,100 lbs

GAS	ELECTRIC	WATER	DRAINAGE	CLEARANCE
NATURAL	PROPANE	115V - 1 PH 25 watts per compartment 50 watts for Steam Generator Control	1/4" NPT Cold Water Inlet 35 psi minimum 60 psi maximum Boiler feed 5.0 Amps ** Do not connect to GFI outlet. See note below.	The Floor Drain must be located outside the confines of the equipment. 1 1/2" IPS common drain. Do not connect other units to this drain. Do not use PVC pipe for drain.
3/8" IPS for 220,000 BTU or less. 1.00" IPS for 250,000 BTU or more.	3/8" IPS for 220,000 BTU or less. 1.00" IPS for 250,000 BTU or more.			Right - 6", Left - 6", Rear - 6" (12" on control side if adjoining wall or equipment is over 30" high for service access)
Supply pressure: 4.00" W.C. minimum 14.00" W.C. maximum	Supply pressure: 12.00" W.C. minimum 14.00" W.C. maximum			For use in non- combustible locations. Contact factory for variances to clearances.
Manufacturer must be notified if unit will 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).

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(NOT TO SCALE)