

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

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

Models

2 COMPARTMENTS

- PGM-300-2

3 COMPARTMENT

- PGM-200-3



- 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 430 Stainless Steel: external enclosure, Table Top and eight gauge plate cooking compartments
- Modular Cabinet Base with Hinged Doors
- High efficiency Gas-Fired Steam Generator with NickelGard and Automatic Water Fill on start-up
- Automatic Water Level Control System with Low Water Power Cut-off Circuit
- Steam Generator equipped with High-limit Pressure Safety Switch and Safety Valve
- Automatic Steam Generator (boiler) Blowdown allows intermittent control, complete with additional Manual Drain Valve
- Steam Generator 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)

Short Form Specifications

Shall be _____ Compartments, CLEVELAND, Pressure Steamer, Model PGM- _____ - _____, Gas-fired Steam Generator, _____ 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 Generator (boiler) Safety Functions. Automatic Steam Generator (boiler) Blowdown with additional Manual Drain Valve.

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

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

FRONT VIEW

WATER QUALITY REQUIREMENTS (Boilers, Generators)

TTDS:	50-250 ppm
Hardness:	50 - 200 mg (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
Water Pressure	35 - 80 PSI
Temperature:	max 104°F

Shipping Weight

Model -	
PGM-300-2	Weight - 974 lbs
PGM-200-3	Weight - 1,100 lbs

		A	B
PGM-200	IN	23.38	23.63
	mm	594	600
PGM-300	IN	18.63	23.63
	mm	473	600

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