Cleveland

PRESSURE STEAMERS

Project _____
Item _____
Quantity _____
CSI Section 11400 _____
Approval _____
Date _____

PRESSURE STEAMERS

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

MODELS:

2 Compartments	*3 Compartments*
☐ *PGM-200-2*	☐ *PGM-200-3*
☐ *PGM-300-2*	☐ *PGM-300-3*

Cleveland 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
- 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 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

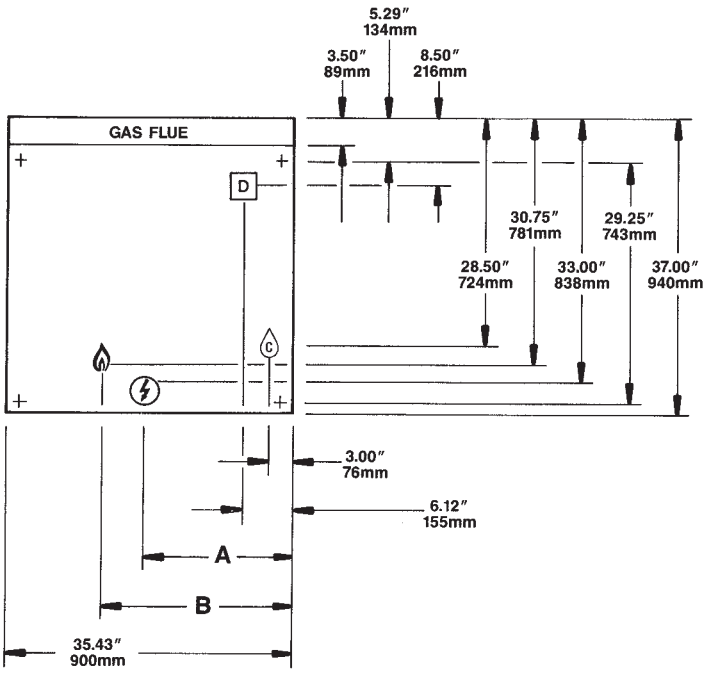
Shall be _____ Compartments, CLEVELAND, Pressure Steamer, Model PGM-_____ - _____ , Gas-fired Steam Generator, _____ M BTU input; _____ volts, single phase. Each Cooking Compartment equipped with: 60 Minute Timer; Pressure Safety Valve; Heavy-duty, free floating Door with Safety Interlock; and synchronous 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.

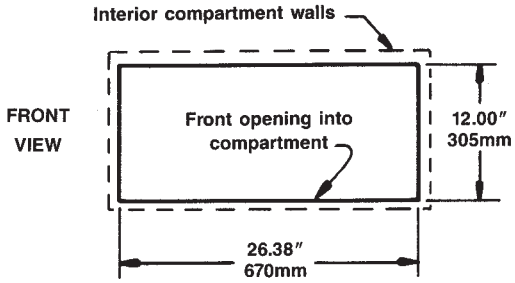
Options & Accessories

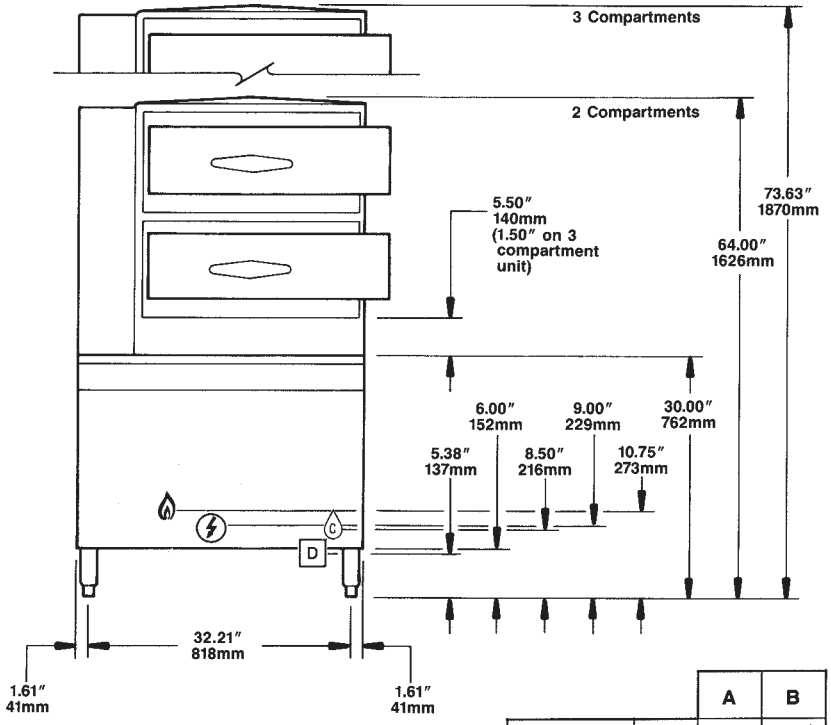
- Automatic Steam Inlet and Exhaust Operation (AT-2): includes 60 minute Automatic Timers and Manual Bypass
- 15 psi for Kettle Operation, includes Power Take-Off (PTO)
- Kettle Interconnecting Kit (IMK)
- Stainless Steel Insulated Flue (SSF)
- Special Compartment Slide Racks
- 12" x 20" Cafeteria Pans 1", 2 1/2", 4" or 6" deep
- Intermediate Pull-Out Shelf (POS)
- Spray Head with flexible Hose (SH)
- Gas Option, other than natural
- Water Filters
- Correctional Packages

1333 East 179 St.
Cleveland, Ohio, USA 44110
Tel: 1-216-481-4900
Fax: 1-216-481-3782
www.clevelandrange.com
E-mail: Steam@ClevelandRange.com

Manitowoc







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

- Each compartment has capacity for:

Eight,	12″ x 20″ x 2½″	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

- Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with those codes.
- Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are: ASME/N.Bd., NSF, CSA (AGA, CGA).

WATER QUALITY REQUIREMENT

The recommended minimum water quality standards whether untreated or pre-treated, based upon 10 hours of use per day, and a Daily Blowdown, are as follows:

TOTAL DISSOLVED SOLIDS	less than 60 parts per million
TOTAL ALKALINITY	less than 20 parts per million
SILICA	less than 13 parts per million
pH FACTOR	greater than 7.5
CHLORINE	less than 30 parts per million

Consult a local water treatment specialist for an on site water analysis for recommendations concerning steam generator feed water treatment (if required), in order to remove or reduce harmful concentrations of minerals. The use of highly mineralized water will mean that more frequent servicing of the steam generator will be necessary. The fact that a water supply is potable is not proof that it will be suitable for the generator.

GAS		ELECTRIC	WATER (C)	DRAINAGE D	CLEARANCE
NATURAL	PROPANE	115V - 1 PH	¼″ NPT Cold Water Inlet	**The Floor Drain must be located outside the confines of the equipment.**	Right - 6″, Left - 6″, Rear - 6″
¾″ IPS for 220,000 BTU or less. 1.00″ IPS for 250,000 BTU or more.	¾″ IPS for 220,000 BTU or less. 1.00″ IPS for 250,000 BTU or more.	25 watts per compartment	35 psi minimum 60 psi maximum	1 1/2″ IPS common drain.	(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	50 watts for Steam Generator Control	(C) Boiler feed	Do not connect other units to this drain.	**For use in non-combustible locations.**
		5.0 Amps		Do not use PVC pipe for drain.	**Contact factory for variances to clearances.**
Manufacturer must be notified if unit will be used above 2,000 ft. altitude.		** Do not connect to GFI outlet. See note below.			

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, UL, NSF and CSA (AGA, CGA).