



# CLASSIC CONVECTION STEAMERS

## 15 PSI BOILER BASE STYLE

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 CSI Section 11400 \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Date \_\_\_\_\_

### Cleveland Classic Series

CONVECTION  
STEAMERS

MODELS:  36-CGM-300

TWO COMPARTMENT, PRESSURELESS  
 GAS FIRED STEAM GENERATOR  
 200, 250, 300M BTU, 36" WIDE CABINET BASE DESIGN

#### Cleveland Standard Features

- Cooking Capacity for up to six 12" x 20" x 2½" deep Cafeteria Pans.
- Pressureless cooking with forced convection steam, permitting doors to be opened while cooking continues.
- Solid State Controls operate water level and safety functions.
- Each compartment is equipped with a 60 minute mechanical timer, separate bypass switch for constant steaming and a cold water condenser for superior cooking results.
- **Instant Steam Standby Mode:** Holds generator at steaming temperature. Allows unit to start cooking instantly.
- **Durable 14 Gauge Stainless Steel Construction:** For Compartment Door and Steam Cooking Cavity.
- **Separate Main Power Switch for "On/Off"**
- **Exclusive Steam Cooking Distribution System:** The exclusive Convection Jets produce a high velocity convection steam without fans. Coved Corner design in cooking compartment distributes heat evenly and is easy to keep clean. Creased top & bottom enhance drainage. Cold Water Condenser for each compartment maintains a dry steam. Fully insulated cooking compartment for thermal efficiency. Removable Stainless Steel Slide Racks for easy cleaning.
- **Exclusive "Cool to the Touch" Compartment Door Design:** Free floating inner door with reversible door gasket provides an air tight seal. Stainless Steel Slam/Latch Door Latch mechanism provides greater reliability.
- **Left Hand Door Hinging:** Compartment Doors hinged left, controls on the right.
- Modular Cabinet Base with Hinged Door.
- **High Efficiency Gas Steam Generator,** Electronic Spark Ignition and Automatic Water Fill on start up.
- **Automatic Generator Drain at shutdown:** Contains a "Water Jet" Spray Rinse Cleaning Cycle to keep drain clear.
- **Automatic Water Level Control System** with Low Water Power Cut-off Circuit.
- Steam generator equipped with High Limit Pressure Safety Switch, 15 psi Safety Valve, and Steam Generator Pressure Gauge.
- **NSF Certified 6" Stainless Steel Legs** with adjustable flanged feet for a one inch level adjustment.
- Gas Pressure Regulator and Control Valve.
- Standard Voltage for Controls: 115 volts, 60 Hz, single phase.
- All Controls are serviceable from the front.
- 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)



Shown with optional Electronic Timer

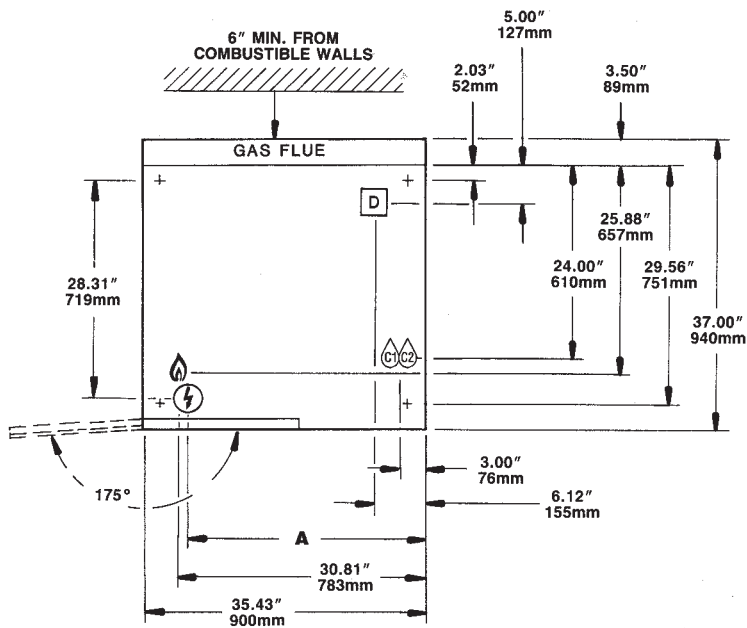
#### Short Form Specifications

*Shall be Two Compartments, CLEVELAND Convection Steamer, Model 36-CGM-\_\_\_\_\_, Gas-fired Steam Generator, \_\_\_\_\_ M BTU. Solid State Controls operate timing, water level and safety functions. Steam Generator with Automatic Water Fill on start-up, Automatic Blowdown with additional Manual Drain Valve and Electronic Spark Ignition. For each cooking compartment: 60 minute Mechanical Timer, Manual Operation Mode and Cold Water Condenser. Type 304 Stainless Steel cooking compartment.*

#### Options & Accessories

- Right Hand Door Hinging, Controls on the Left (DHR)
- Electronic Timer with Compensating Load Feature (ETC)
- Cafeteria pans in depths of 1", 2½", 4" and 6"
- Compartment Door Steam Shut Off Switch (SCS)
- Power Take Off Kit (GPTO), Kettle Interconnecting Kit (IMK)
- Stainless Steel Insulated Flue Cover (SSF)
- Quick Disconnect for gas line (QDC)
- Correctional Packages
- Boiler Descaling Pump Kit (107142)
- Water Filters





Each compartment has capacity for:

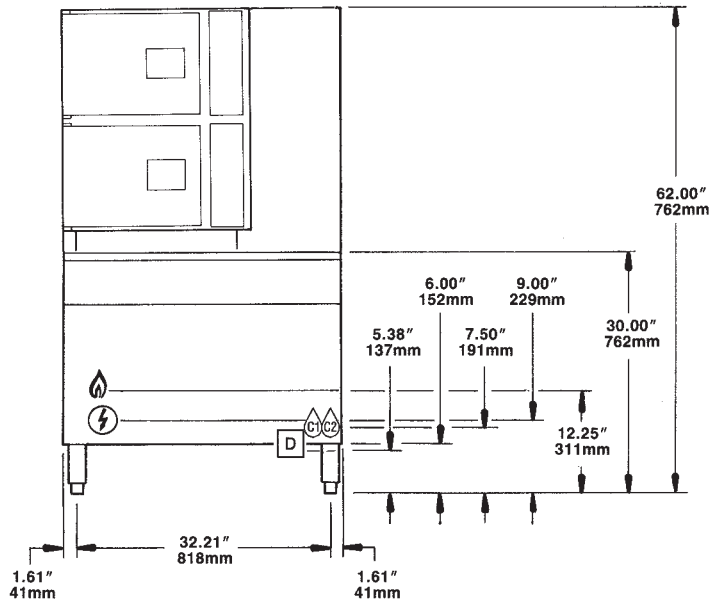
- Three, 12" x 20" x 2½" or six, 12" x 20" x 1" deep Cafeteria Pans.

**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.



**NOTE:** When ordering optional reverse door openings: Control Panel, door openings, and cooking compartments are located opposite that shown above and positioned on right hand side of base.

|          | BTU RATING | INCHES | mm  |
|----------|------------|--------|-----|
| <b>A</b> | 200        | 29.65  | 753 |
|          | 300        | 25.03  | 636 |

| GAS 🔥   |  | ELECTRIC ⚡   | WATER 💧  | DRAINAGE [D]   | CLEARANCE   |
|---|--|--|--|--|---|
| NATURAL   | PROPANE  | 25 watts per compartment.<br>50 watts for Steam Generator Control.<br><br>** Do not connect to GFI outlet. See note below. | ¼" NPT Cold Water Inlet<br>35 psi minimum<br>60 psi maximum<br><br>Ⓒ Condenser feed<br>Ⓓ Boiler feed | The Floor Drain must be located outside the confines of the equipment base.<br><br>1 1/2" IPS common drain.<br>Do not connect other units to this drain.<br>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)<br><br>For use in non-combustible locations.<br>Contact factory for variances to clearances |
| ¾" IPS for 200,000 BTU or less. 1.00" IPS for 250,000 BTU or more.<br>Supply pressure:<br>4.00" W.C. minimum<br>14.00" W.C. maximum | ¾" IPS for 200,000 BTU or less. 1.00" IPS for 250,000 BTU or more.<br>Supply pressure:<br>12.00" W.C. minimum<br>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, UL, NSF and CSA (AGA, CGA).