



**SINGLE COMPARTMENT-HALF SIZE
ROLL-IN TYPE-GAS-FIRED
COMBI OVEN / STEAMER**

General Specifications :

- Multi-Purpose Oven offers Pressureless Convection cooking in a variety of cooking modes; featuring Automatic Reversible Fan operation for superior Convection Cooking.
 - Hot Air Convection.
 - Pressureless Convection Steamer.
 - Combination of Convection Steamer and Hot Air.
- Reliable, easy to operate mechanical controls feature:
 - One 100-minute Mechanical Dial Timer Control.
 - One 125-500 C° degree Mechanical Dial Temperature control.
 - One Mechanical Dial Control for three modes of cooking operation; Hot Air, Steaming or Combi.
- User-friendly control panel has many standard features for superior cooking performance.
 - On/Off Switch for externally mounted oven lights.
 - Automatic Fast Cool Down Control.
 - Two-Speed Fan (High/Low) control switch.
 - Humidity Release Control Switch removes excess moisture from Compartment.
 - Generator Drain Control.
- Core-Temperature Probe with Digital Read-Out automatically turns off unit when desired temperature is reached.
- Each Compartment has Ten Stainless Steel Wire Shelves.
- Fully-insulated Cooking Compartment and Steam Generator for thermal efficiency. Easy to clean Die Pressed interior compartment features a Coved Corner design.
- Heavy Gauge Stainless Steel Gas-Fired Steam Generator with 85,500 BTU Power Rating; features an easy Access Delimiting Port and Electronic Spark Ignition for easy start-up. Reliable Electronic Controls monitor Water Level and Safety Functions in steam generator.
- Generator Stand-By feature provides instant steaming.
- One Removable Stainless Steel Oven Rack Cassette. Can be used with optional Transport Cart.
- Standard with Adjustable Left-Hand Door Hinging and Large Glass Window to observe cooking operation. Removable Double Door Gasket Seal prevents leaking. Safety Switch stops fan when compartment door is opened.
- Compartment Door Condensate Drip Tray automatically empties into floor drain.
- NSF Approved 11" Stainless Steel Adjustable Legs: provides one inch level adjustment.
- Standard voltage for controls is 115 volts, 60 Hz, single phase.
- Each compartment has the capacity for:
 - Twenty-three, 13" x 18" U.S. Bake Pans.
 - Eleven, 12" x 20" x 2½" Steam Table Pans.



MODEL: MG-120X

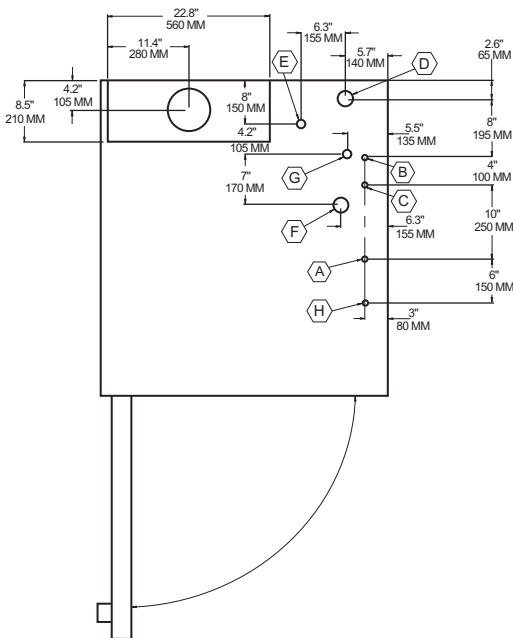


MODEL AVAILABLE

Shall be BURLUDGE/LAINOX Combi Oven, Floor Model, Roll-in Type Multi-Purpose Oven, Model MG - 120X () gas operation, _____ volts, _____ Hz, _____ phase. Cooking modes for: Hot Air Convection; Low and High Temperature Convection Steam; combination of Hot Air and Steam; Core-Temperature Probe; variable Steam Exhaust Condensation Control; and Butterfly Valve to regulate humidity exhaust.

Options and Accessories:

- Transport Cart Model (CS-220)
- Additional Oven Rack Cassette Model (SG-120)
- Mobile Oven Rack Floor Stand Model (TS-120)
- Grease Filter Model (FX-120)
- Additional Stainless Steel Wire Shelves
- Steam Table Pans in depths of 1", 2½" or 4"
- Spray Hose with 60" Flexible Hose for Cleaning (SH-60)
- Dissolve® Liquid Descaling Kit (10617413)
- Correctional Packages
- Accessories for handling and transportation compatible with Blast Chillers/Freezers



SHIPPING WEIGHT	= 795 Lbs.
MAX. WATER CONSUMPTION PER HR. STEAM PRODUCTION	= 6.3 Gal./Hr
AVERAGE WATER CONSUMPTION PER HR. STEAM CONDENSER	= 6.9 Gal./Hr
TOTAL WATER CONSUMPTION	=13.2 Gal./Hr

- **Compartment has capacity for:**
 23—12" x 20" Wire Shelves
 23—12" x 20" x 1" Cafeteria Pans or
 11—12" x 20" x 2½" Cafeteria Pans
- Many local codes exist and it is the responsibility of the **owner and installer** to comply with those codes.
- **Burlodge / Lainox** equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are: UL, A.G.A., NSF, ASME/N.Bd., CSA, CGA, ETL, and others.

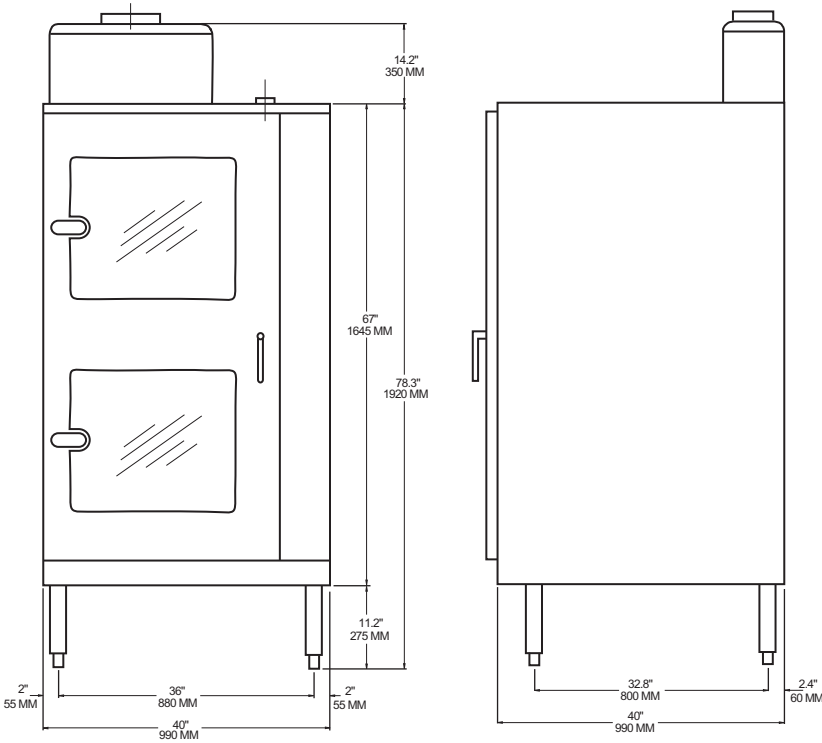
WATER QUALITY REQUIREMENT

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 ¹	less than	13 parts per million
CHLORIDE ²	less than	30 parts per million
pH FACTOR ³	greater than	7.5

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.

- UTILITY CONNECTIONS**
- Ⓐ = ELECTRIC CONNECTION
 - Ⓑ = COLD WATER INLET 3/4" NHT.
 - BOILER Ⓒ = COLD WATER INLET 3/4" NHT.
 - CONDENSER Ⓓ = DRAINAGE 2.00" DIA (50 MM)
 - Ⓔ = DESCALER INLET
 - Ⓕ = WASTE AIR OUTLET
1.18" DIA (30 MM)
 - Ⓖ = CHAMBER WASTE AIR OUTLET
 - Ⓗ = GAS CONNECTION 3/4" NHT.
 - Ⓘ = EXHAUST CHIMNEY HOT AIR
 - Ⓙ = EXHAUST CHIMNEY BOILER
 - Ⓚ = EXHAUST MANIFOLD



MODEL	GAS	ELECTRIC (3 PH)	WATER	DRAINAGE (D)	CLEARANCE																		
MG - 120X ONE COMPARTMENT ROLL-IN TYPE GAS-FIRED	<table border="1"> <tr> <th>(BTU)</th> <th>SUPPLY PRESSURE</th> </tr> <tr> <td>HOT AIR 100,000</td> <td>NATURAL</td> </tr> <tr> <td>BOILER 85,500</td> <td>4.50" W.C. MINIMUM 14.00" W.C. MAXIMUM</td> </tr> <tr> <td>COMBI 150,000</td> <td>PROPANE</td> </tr> <tr> <td></td> <td>11.00" W.C. MINIMUM 14.00" W.C. MAXIMUM</td> </tr> </table> <p>MANUFACTURER MUST BE NOTIFIED IF UNIT WILL BE USED ABOVE 2,000 FT. ALTITUDE</p>	(BTU)	SUPPLY PRESSURE	HOT AIR 100,000	NATURAL	BOILER 85,500	4.50" W.C. MINIMUM 14.00" W.C. MAXIMUM	COMBI 150,000	PROPANE		11.00" W.C. MINIMUM 14.00" W.C. MAXIMUM	<table border="1"> <tr> <td>ELECTRICAL DATA</td> <td>115/60/1</td> </tr> <tr> <td>MINIMUM WIRE CAPACITY (AMPS)</td> <td>35</td> </tr> <tr> <td>MAXIMUM TIME DELAY FUSE</td> <td>35</td> </tr> <tr> <td>MAXIMUM LOAD AMPS</td> <td>25</td> </tr> </table>	ELECTRICAL DATA	115/60/1	MINIMUM WIRE CAPACITY (AMPS)	35	MAXIMUM TIME DELAY FUSE	35	MAXIMUM LOAD AMPS	25	35 PSI MINIMUM 60 PSI MAXIMUM Ⓒ 3/4" NHT (GARDEN HOSE) FOR BOILER & CONDENSER	2" DIA. (50 MM) DO NOT CONNECT ANY OTHER UNITS TO THIS DRAIN DRAIN LINE MUST BE VENTED	RIGHT = 6" LEFT = 6" REAR = 7" NOTE: 12" RIGHT SIDE CLEARANCE IS REQUIRED IF PLACED NEXT TO HEAT SOURCE
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BURLODGE/LAINOX reserves right of design improvement or modification, as warranted.

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ASSOCIATED COMPANIES
BURLODGE GREAT BRITAIN
BURLODGE ITALY
BURLODGE FRANCE
BURLODGE HOLLAND
BURLODGE BELGIUM