



CB-G Gas Steam Boiler



CB-36G shown

OPTIONS AND ACCESSORIES

(AT ADDITIONAL CHARGE)

■ Foot Options

- Front flanged feet
- Rear flanged feet
- Pressure reducing valve
- Stainless steel rear panel
- Stainless steel frame
- Steam take off kit
- Water in "Y" strainer
- Ball float trap
- 208-240VAC operation (specify voltage)
- Correctional package
- One year extended warranty

Project _____

Item No. _____

Quantity _____

- Model CB24-140G (24" wide 140,000 BTU gas boiler base cabinet)
- Model CB24-200G (24" wide 200,000 BTU gas boiler base cabinet)
- Model CB36-140G (36" wide 140,000 BTU gas boiler base cabinet)
- Model CB36-200G (36" wide 200,000 BTU gas boiler base cabinet)
- Model CB36-250G (36" wide 250,000 BTU gas boiler base cabinet)
- Model CB36-300G (36" wide 300,000 BTU gas boiler base cabinet)

CONSTRUCTION

- Full perimeter painted angle iron frame
- Reinforced counter and boiler mountings
- Stainless steel exterior
- Hinged door(s) with magnetic latch
- 6" (152 mm) stainless steel legs with adjustable bullet feet on front and adjustable flanged feet on rear
- All piping is confined within cabinet

OPERATION

- Automatic water level control
- Automatic boiler blowdown
- Pressure gauge
- Water gauge glass
- Pressure control with pressure safety control
- Safety relief valve
- Cathodic protector
- On/Off switch with indicator light
- CSD-1 secondary low water cut off

STANDARD FEATURES

- Gas operated steam boiler rated at 15 PSI (103 kPa) operating on 115VAC
- Electronic ignition
- Split water lines
- One year parts and labor warranty*

* For all international markets, contact your local distributor.



CB-G GAS STEAM BOILER

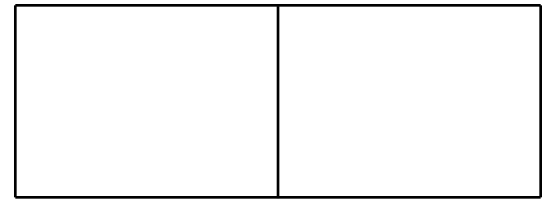
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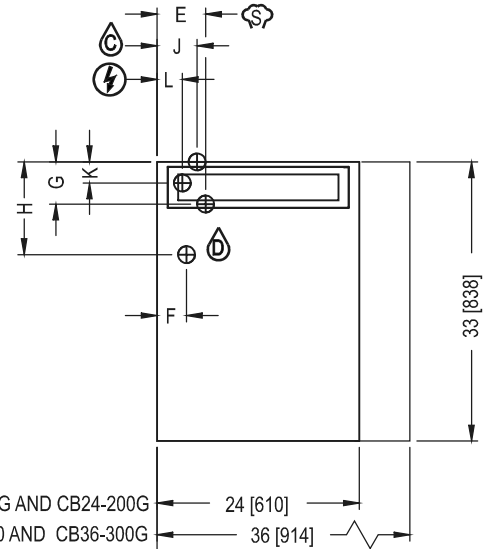
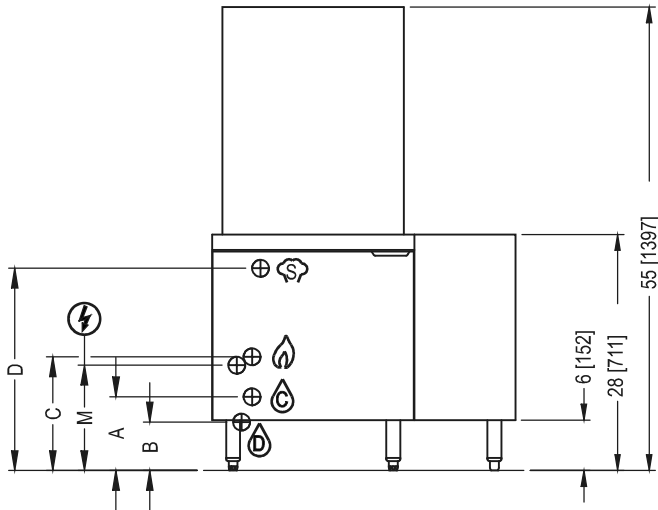
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CB-G ELECTRIC STEAM BOILER



APPROVAL/STAMP



DIMENSIONS ARE IN INCHES [MM]

CB24-140G AND CB24-200G
CB36-140G, CB36-200G, CB36-250 AND CB36-300G

MODEL	A	B	C	D	E	F	G	H	J	K	L	M
24" models	8.75[222]	5.75[146]	13.5[343]	24[610]	5.75[146]	3.5[89]	5[127]	11[279]	4.75[121]	2.5[64]	3[76]	12.5[318]
36" models	8.75[222]	5.75[146]	13.5[343]	24[610]	8[203]	3.5[89]	6[152]	11[279]	6.75[171]	2.5[64]	3[76]	6[152]

SHORT FORM SPECIFICATIONS

Provide Blodgett model CB24-140G (140,000 BTU) or CB24-200G (200,000 BTU) 24" wide gas steam boiler cabinet, or CB36-140G (140,000 BTU), CB36-200G (200,000 BTU), CB36-250G (250,000 BTU) or CB36-300G (300,000 BTU) 36" wide gas steam boiler cabinet. Unit shall be suitable for operation at any pressure from 5-11 PSI (34-76 kPa) and operate on 115 VAC. Boiler shall be mounted in cabinet base. Polished stainless steel cabinet base shall be of modular design to match other Blodgett steam equipment. Unit shall have 6" (152mm) stainless steel legs and adjustable bullet feet, reinforced stainless steel counter top and hinged doors with magnetic latches. All piping shall be confined within the cabinet. Unit shall be automatically filled with water and brought to pressure when power switch is turned on. Cold water condenser shall automatically condense exhausted steam in water before releasing it to drain. Boiler controls shall include automatic water level, pressure gauge, water gauge glass, pressure control with pressure safety control, safety relief valve, cathodic protector and CSD-1 secondary low water cut off. Boiler shall be ASME code stamped and National Board registered. Provide options and accessories as indicated.

WATER SUPPLY:

Water quality is a major factor affecting the performance of your steamer. If you are unsure of water quality, consult a local water treatment specialist and have the water analyzed. Your water supply must be within these general guidelines:

Total dissolved solids:	Less than 60 PPM	Total alkalinity:	Less than 20 PPM
Silica:	Less than 13 PPM	Chlorine:	Less than 1.5 PPM
pH Factor:	7.0 - 8.5		

Water which fails to meet these standards should be treated by installation of a water conditioner. Failure or malfunction of this steamer due to poor water quality is not covered under warranty.

WATER & DRAIN CONNECTIONS:

- Drain 2" (51mm) IPS piped to open floor drain. No solid connection. 24" length before open air opening (no bends or elbows)
 - Cold Water 3/8" (10mm) tubing at 25-50 PSI (170-345 kPa)
 - Steam Take Off 3/4" IPS optional to operate adjacent equipment
- Appliance is to be installed with backflow protection in accordance with Federal, State or Local codes.

NOTE: The company reserves the right to make substitutions of components without prior notice.

GAS SUPPLY:

3/4" IPS supply line required

Minimum Inlet Pressure:

Natural	7.0" W.C. static to unit
Propane	11.0" W.C. static to unit

POWER SUPPLY:

Unless otherwise specified, field wire electrical connection to be 120VAC, single phase, 60 Hz with grounding wire.

PRODUCT CLEARANCE

Right and Left side	3" (76mm)
Rear	2" (51mm)

SHIPPING INFORMATION:

Approx. Weight:

CB24-140G	425 lbs. (193 kg)
CB24-200G	425 lbs. (193 kg)
CB36-140G	500 lbs. (227 kg)
CB36-200G	525 lbs. (238 kg)
CB36-250G	525 lbs. (238 kg)
CB36-300G	525 lbs. (238 kg)

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