



Synergy Steam

6G-6K-SB(36) Convection Steamer with Kettle on a Gas Boiler Base



OPTIONS AND ACCESSORIES

(AT ADDITIONAL CHARGE)

- Flange mounting feet
- Independent cold water to condensate spray
- Cover and-or basket insert for kettle

CAPACITY

Pan Size	Per Cavity	Total
12" x 20" x 1"	6	12
12" x 20" x 2.5"	3	6
12" x 20" x 4"	2	4



Project _____

Item No. _____

Quantity _____

- Model 6G-6K-SB(36) (two 3 pan convection steamer compartments with one 3 gallon kettle on a 36" wide, 200,000 BTU boiler)

CONSTRUCTION

- Stainless steel construction
- Stainless steel steamer doors with strong continuous hinge and are field reversible for left or right swing. Insulated doors have a one piece, replaceable seal. Hidden magnetic door switch cuts power to blower and steam flow to that cavity, when the door is opened
- Steamer pan support racks are polished stainless steel and removable for easy cleaning
- Wide drip sink with condensate drain is positioned under cavity doors
- Kettle has reinforced rim and butterfly shaped pouring lip.
- Kettle support legs are heavy tubular stainless steel.
- Kettle shall be coded and registered for operation up to 55 PSI.
- Gas heated, 36" wide cabinet base shall have stainless steel frame with all stainless steel top deck, hinged front access panel and removable side and rear panels
- Cabinet-mounted boiler is ASME Code-constructed and National Board registered for operation up to 15 PSI.
- Front and rear legs shall have adjustable bullet feet

OPERATION

- Steamer cavity controls are mounted on the front panel for easy access with separate ON-OFF/60 minute timer control with constant steam setting, for each steamer cavity.
- Kettle steam control valve and HOT/COLD water faucet handles are front mounted with boiler controls.
- Gas boiler has a gas control valve, power-ON switch, RESET light, start switch, low water sensor, pop safety valve, water level sight glass and outside cabinet mounted pressure gauge.
- Unit will shut off if water level is low or unit builds too much pressure
- When power switch is turned "off", the boiler automatically drains to reduce sediment build-up, after the water has cooled to 170°F.
- Each steamer cavity shall have a powerful side mounted blower, which increases steam velocity and provides efficient steam distribution throughout cavity and between loaded pans.
- Twin gas-heated, cabinet-mounted pressure boiler to provide atmospheric steam to each chamber at a temperature of approximately 212° (F) and steam to kettle at approximately 10 PSI.
- The 200,000 BTU generator delivers 3.7 boiler horsepower.
- Electronic ignition

STANDARD FEATURES

- 1/2" NPT power take-off valve for powering adjacent equipment
- Flush mounted pouring sink with splash shield
- Unit shall be provided with hot and cold water faucet with swing spout
- One year parts and labor warranty*

* For all international markets, contact your local distributor.

6G-5K-SB STEAMER WITH KETTLE ON A GAS BOILER BASE

BLODGETT

44 Lakeside Avenue, Burlington, VT 05401

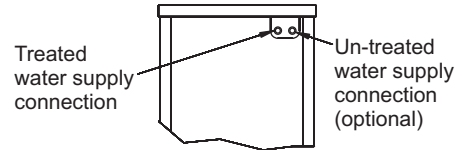
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6G-6K-SB(36)



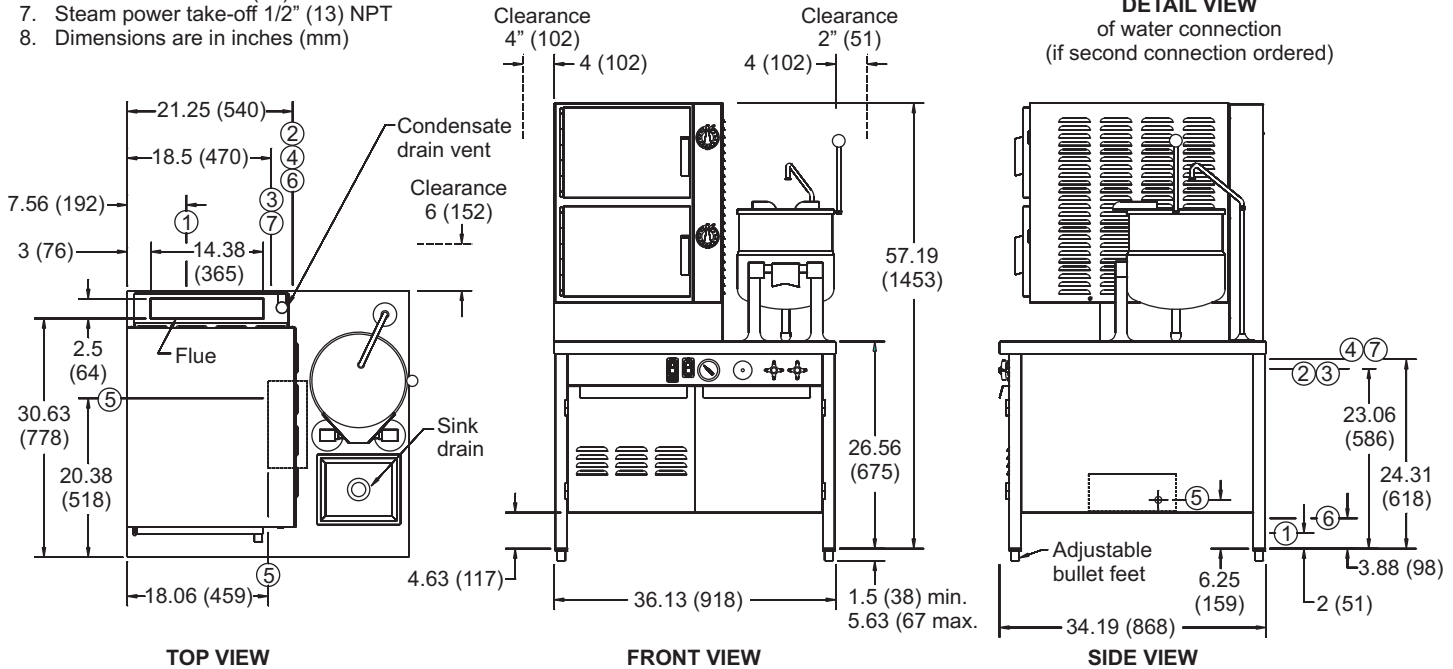
APPROVAL/STAMP



DETAIL VIEW
of water connection
(if second connection ordered)

NOTES:

1. Drain connection 1.25" (31) NPT (includes automatic & manual boiler, steamers, condensate spray, kettle & sink)
2. Cold water supply 0.5" (31) NPT (for boiler, condensate spray & faucet)
3. Option: separate condensate spray 3/8" (9) NPT
4. Hot water supply 3/8" (9) NPT for faucet
5. Electrical connection 7/8" (22) dia hole (ref 1/2" (13) conduit knock out)
6. Gas connection 1/2" (13) NPT
7. Steam power take-off 1/2" (13) NPT
8. Dimensions are in inches (mm)



SHORT FORM SPECIFICATIONS

Provide Blodgett model 6G-6K-SB (6 pan steamer and 6 gallon direct steam kettle on a 36" wide, 200,000 BTU gas boiler base base. All stainless steel construction with two independent steamer chambers, each with powerful blower to circulate steam within cavity and individual 60 minute timer with constant steam setting. Steamer doors are insulated, field reversible, with easy open latch and hidden magnetic door switch. Drip sink with condensate drain is provided under cavity doors. Three (21/2" deep) pan capacity per chamber. Cabinet base has stainless steel frame, all stainless steel exterior, with removable front access doors and adjustable bullet feet. Pouring sink and HOT/COLD water faucet provided for kettle. Boiler ASME code constructed for 15 PSI maximum with 200,000 BTU firing rate, 120,000 BTU output and 3.7 boiler horsepower. Power take-off to divert steam to adjacent equipment is standard. 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 30 PPM	Total alkalinity:	Less than 20 PPM
Silica:	Less than 13 PPM	Chlorine:	Less than 1.5 PPM
pH Factor:	7.0 - 9.0		

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 1 1/4" NPT free venting drain
 - Cold Water 1/2" NPT cold water supply line
 - Hot Water 3/8" NPT hot water supply line for faucet
- Appliance is to be installed with backflow protection in accordance with Federal, State or Local codes.

MAXIMUM INPUT:

6G-6K-SB(36) 200,000 BTU/hr

GAS SUPPLY:

1/2" NPT pipe or approved equivalent.

Minimum Inlet Pressure:

Natural 3.5" W.C. static to unit
Propane 10.0" W.C. static to unit

POWER SUPPLY:

115 volt, single phase, 60 cycle 15 AMP electric service, 4 AMP maximum load

SHIPPING INFORMATION:

Approx. Weight:
6G-6K-SB(36) 805 lbs. (366 kg)

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

BLODGETT

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