



STEAMERS

HYPLUS PRESSURELESS WITH GAS BOILER MODEL HY-6SG WITH TDC/3-20

Stainless steel twin cavity, 6 pan pressureless steamer, with 20 quart tilting steam jacketed kettle, and cabinet mounted 200,000 BTU gas steam boiler.

CONSTRUCTION: Steamer cavities and cabinet base are all stainless steel construction. Steamer unit has a unitized body with removable right side panel providing access to internal component. Steamer doors are all stainless steel with strong continuous hinge and are field reversible for left or right swing. Doors are insulated and provided with a one-piece, replaceable seal. Hidden magnetic door switch cuts power to blower and steam flow to that cavity, when the door is opened. Pan support racks shall be polished stainless steel and removable for easy cleaning. Wide drip sink with condensate drain is positioned under cavity doors. Kettle shall have one piece welded construction of Type 304 stainless steel, with reinforced rim and butterfly shaped pouring lip. Kettle support legs shall be heavy tubular stainless steel. Flush mounted pouring sink with splash shield standard. Cabinet base shall have stainless steel frame and top deck, removable front access doors, with side and rear panels standard. Front and rear legs shall have adjustable bullet feet. Flanged feet are an available option.

FINISH: Cabinet exterior, including door, shall be finished to a #3 uniform finish. Cavity interiors are polished stainless steel. Kettle exterior shall be polished to a bright high buff finish.

ASME CODE & UL LISTING: Cabinet mounted boiler shall be ASME Code constructed and National Board Registered for operation up to 15 PSI. Kettle shall be coded and registered for operation up to 55 PSI. Kettle shall be coded and registered for operation up to 55 PSI. Gas boiler shall be designed certified by the American Gas Association and Steamer unit shall be UL listed.

SANITATION: Unit shall be designed and manufactured to meet NSF known health department and sanitation codes and be NSF listed.

CONTROLS: Steamer cavity controls shall be mounted on the front panel for easy replacement or repair and will include a separate ON-OFF 60-minute timer control with a constant steam setting, for each cavity. Kettle

steam control valve and HOT/COLD water faucet handles will be front mounted with boiler controls. Gas boiler shall be provided with 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.

PERFORMANCE FEATURES: 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 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.

CABINET BASE STEAM SOURCE: Unit has 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. Unit comes standard with electronic ignition.

HOT & COLD WATER FAUCET: Unit shall be provided with hot and cold water faucet with swing spout standard.

PAN CAPACITY:

Pan Size/Type	Per cavity	Total
12 x 20 x 1"	6	12
12 x 20 x 2-1/2"	3	6
12 x 20 x 4"	2	4

INSTALLATION: Unit requires gas service via 1/2" NPT pipe. Unit requires two 1/2" NPT cold water supply line and 3/8" NPT hot water supply line for faucet; 1-1/4" NPT free venting drain; and 115 volt, single phase, 60 cycle 15 AMP electric service, 4 AMP maximum load. Steam source for adjacent equipment: see SE model.

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PROJECT NAME:	
LOCATION:	
ITEM NO:	
QTY:	
MODEL NO:	
AIA NO:	
SIS NO:	
CSI SECTION:	11400



OPTIONS/ACCESSORIES:

- Flanged Feet
- Independent Cold Water to Condensate Spray
- Cover and/or Basket Insert for Kettle
- Single Water Connection

ADDITIONAL RESOURCES:

- [Request A Quote](#)
- [Sales Tools](#)
- [Find A Rep](#)

WATER QUALITY REQUIREMENTS:

Containment
Water Supply

pH
7 to 9

Total Dissolved Solids (TDS)
30 to 60 ppm

Hardness
less than 60 ppm

Chlorine and Chloramine
less than .1 ppm

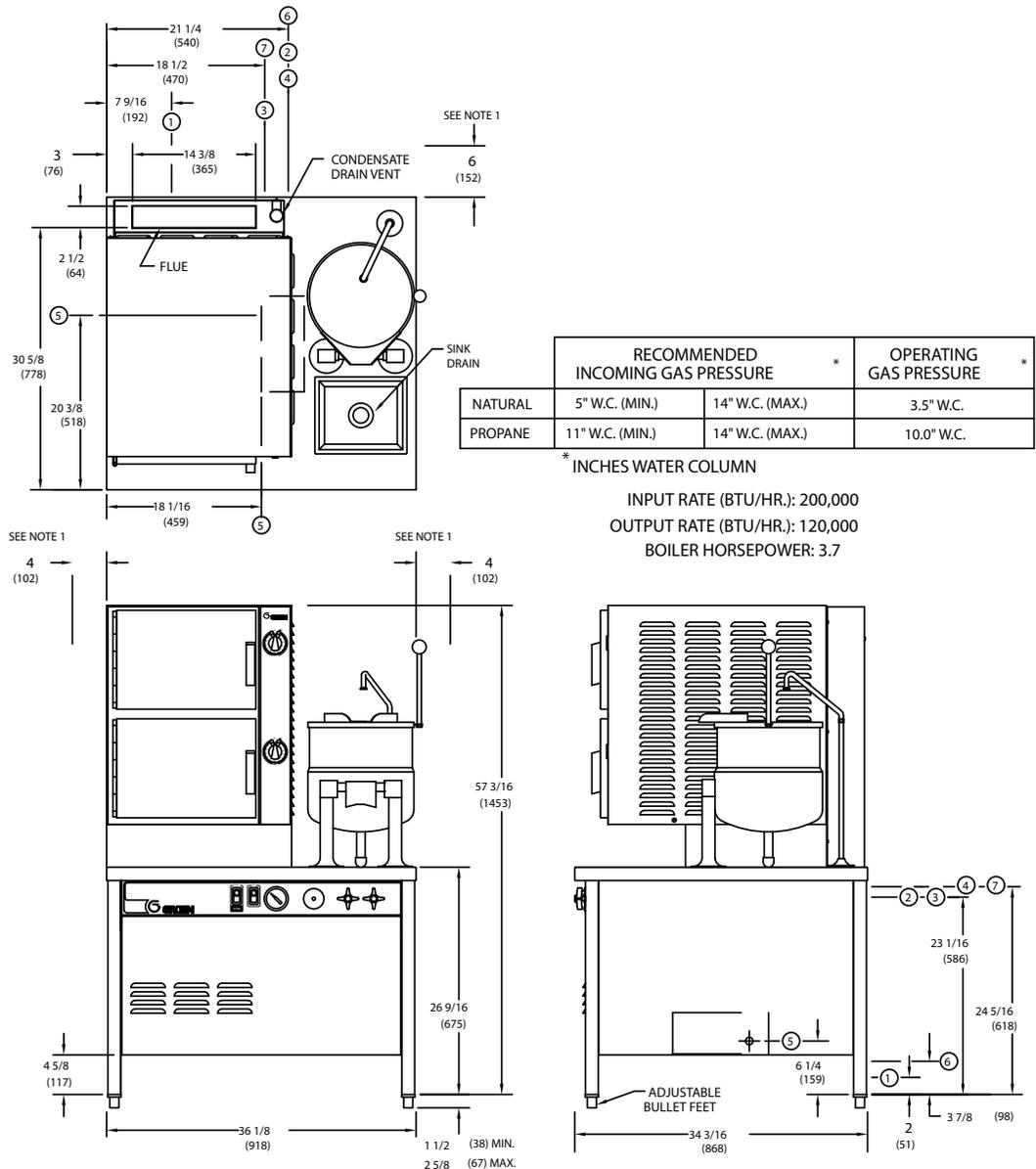
Chlorides
less than 30 ppm

Silica
less than 12 ppm

Undissolved Solids
less than 5 microns

In order to accurately choose the correct water treatment solution, a water quality test must be performed. If a "Free Start-up" is requested, the ASA will perform a water quality test and Groen will be able to suggest the best solution for your water quality. If it isn't, your local manufacturing representative can coordinate this for you.

After the "Free Start-up" is performed, Groen will add an additional 1-year parts and labor warranty. If Groen suggests a water treatment system, the system is purchased from Groen, installed, and maintained. Water related service issues will be covered for the duration of the warranty period.



SERVICE CONNECTIONS:

- ① DRAIN CONNECTION: 1-1/4" NPT (INCLUDES AUTOMATIC & MANUAL BOILER, STEAMERS, CONDENSATE SPRAY, KETTLE & SINK)
- ② TWO COLD WATER SUPPLIES: 1/2" NPT (BOILER, CONDENSATE SPRAY & FAUCET)
- ③ HOT WATER SUPPLY: 3/8" NPT (FOR FAUCET)
- ④ ELECTRICAL CONNECTION: 7/8" DIA. HOLE (1/2" CONDUIT KNOCK-OUT)
- ⑤ GAS CONNECTION: 1/2" NPT
- ⑥ STEAM POWER TAKE-OFF: 1/2" NPT

NOTES:

1. MINIMUM CLEARANCE FROM COMBUSTIBLE MATERIALS
RIGHT SIDE 2" (51)
LEFT SIDE 4" (102)
REAR 6" (152)
2. DIMENSIONS IN BRACKETS () MILLIMETERS

