# STEAMERS

## HYPLUS PRESSURELESS WITH GAS BOILER MODEL HY-6SG-36

Gas powered, stainless steel twin cavity, 6-pan cabinet mounted pressureless steamer with cabinet mounted 200,000 BTU gas steam boiler.

Certifications:

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

**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 components. Steamer doors are all stainless steel with strong continuous hinge and are field reversible for left or right swing. Doors shall be insulated and provided with a one-piece, replaceable seal. Easy open handle and latch shall provide positive lock and seal when door is pushed or slammed shut. 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. Cabinet base shall have stainless steel frame and top deck, with removable front, side and rear access panels standard. Front and rear legs shall have adjustable bullet feet. Flanged feet are an available option.

**FINISH:** Cabinet exterior, including doors, shall be finished to a #3 uniform finish. Cavity interiors are polished stainless steel. Control panel face plates shall be smudge resistant polyester film, ensuring maximum ease in cleaning and maintaining a brilliant finish.

**ASME CODE & UL LISTING:** Cabinet mounted boiler shall be ASME Code constructed and National Board registered for operation up to 15 PSI. Gas pressure boiler to be AGA Design Certified. Steamer shall be UL listed.

**SANITATION:** Unit shall be designed and constructed to meet NSF and 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 separate ON-OFF 60-minute timer control with a constant steam setting, for each cavity. Electric boiler shall be provided with a 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 shall have a gas heated cabinet mounted pressure boiler to provide atmospheric steam to each chamber at a temperature of approximately 212°F. The 200,000 BTU generator delivers 3.7 boiler horsepower. Unit comes standard with electronic ignition.

**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 or approved equivalent. Specify type of gas. Unit requires two 1/2” NPT cold water supply lines; 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:** A 1/2” NPT power take-off valve shall be standard. To ensure proper performance, boiler must be properly sized to meet boiler horsepower requirements of steamer cavities AND additional equipment. Appropriate steam traps and piping must be professionally installed.

CONTINUED ON BACK...

**OPTIONS/ACCESSORIES:**

- ☐ Flanged Feet
- ☐ 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

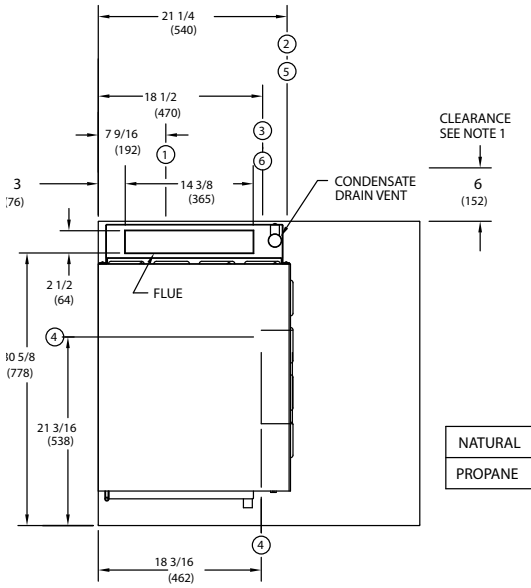
Chlorides
less than 30 ppm

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.

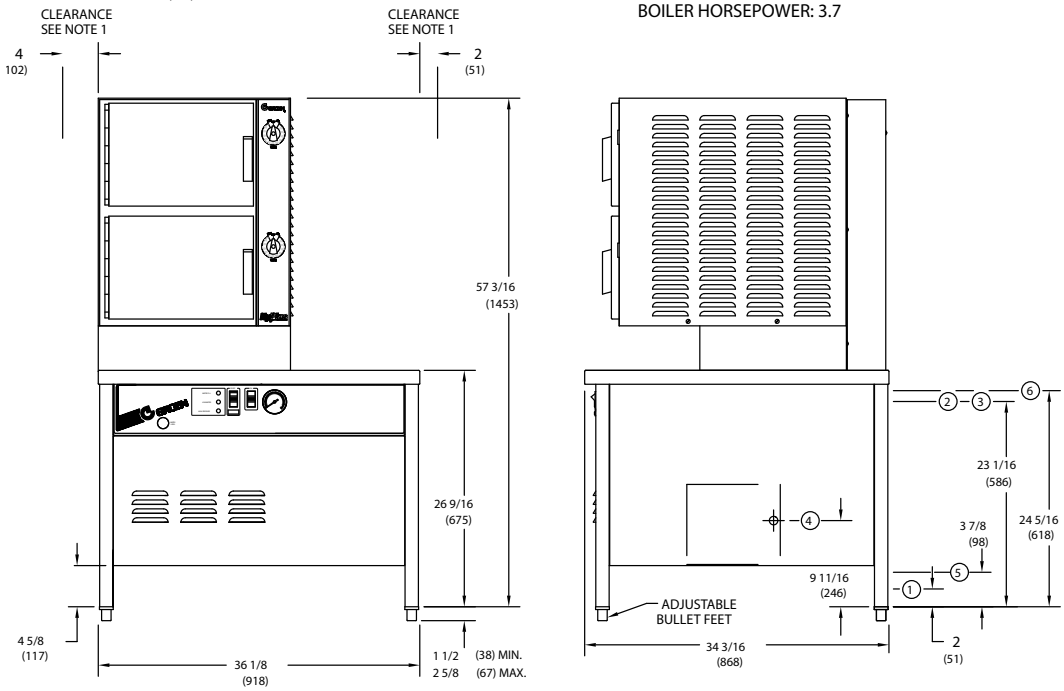
After the "Free Start-up" is performed, Groen will add an additional 1-year parts and labor warranty. If Groen suggests a water treatment system, the system is purchased from Groen, installed, and maintained. Water related service issues will be covered for the duration of the warranty period.




| | RECOMMENDED INCOMING GAS PRESSURE * | | OPERATING GAS PRESSURE * |
|---|---|---|---|
| NATURAL | 5" W.C. (MIN.) | 14" W.C. (MAX.) | 3.5" W.C. |
| PROPANE | 11" W.C. (MIN.) | 14" W.C. (MAX.) | 10.0" W.C. |

* INCHES WATER COLUMN

INPUT RATE (BTU/HR.): 200,000
OUTPUT RATE (BTU/HR.): 120,000
BOILER HORSEPOWER: 3.7




SERVICE CONNECTIONS:

1. DRAIN CONNECTION: 1-1/4" NPT
   (INCLUDES AUTOMATIC & MANUAL BOILER, STEAMERS, & CONDENSATE SPRAY)
2. TWO COLD WATER SUPPLIES: 1/2" NPT (FOR BOILER & CONDENSATE SPRAY)
3. ELECTRICAL CONNECTION: 7/8" DIA. HOLE (REF. 1/2" CONDUIT KNOCK-OUT)
4. GAS CONNECTION: 1/2" NPT
5. 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 ( ) ARE MILLIMETERS.