



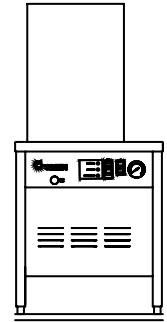
# STEAMERS

## HYPLUS PRESSURE BOILER CABINET BASE GAS MODEL CNGB-24

Cabinet base, 24" wide, 200,000 BTU gas boiler.



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



**CONSTRUCTION:** Cabinet base shall be manufactured of stainless steel with louvered lift off front panel for access to boiler. Cabinet exterior shall be uniformly polished to a #3 finish with control face plates of smudge resistant polyester film.

**CERTIFICATIONS:** Cabinet-mounted boiler shall be ASME Code constructed and National Board registered for operation up to 15 PSI. Gas boiler shall be design certified by CSA. Unit shall be designed and manufactured to meet regulatory known health department sanitation codes.

**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 on front panel and an outside cabinet mounted pressure gauge.

**PERFORMANCE FEATURES:** Unit shall shut off if water level is low or the unit builds up too much pressure. When the power switch is turned "OFF" the boiler automatically drains after the water has cooled to 170 degrees F. Boiler shall be provided with electronic ignition and a 200,000 BTU gas fired generator producing approx. 3.7 BHP of steam.

**INSTALLATION:** Unit requires gas service via 1/2" NPT pipe or approved equivalent. (Specify gas type.) Unit requires 1/2" NPT cold water supply line, 1-1/4" free venting drain, and 115/60/1, 15 AMP electrical service. (4 AMP max load hard wired connection).

**STEAM SOURCE FOR EQUIPMENT:** Boiler is provided with a 1/2" NPT power take off valve. To ensure proper performance boiler must be properly sized to meet BHP requirements of equipment to be powered. Appropriate steam traps and piping must be professionally installed.

### 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 has to be performed. If a "Free Start-up" is requested, the ASA will perform a water quality test and Unified Brands (UB) 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, UB will add an additional 1-year parts and labor warranty. If UB suggests a water treatment system, the system is purchased from UB, installed and maintained, water related service issues will be covered for the duration of the warranty period.

### OPTIONS/ACCESSORIES:

- Prison Package
- Delimer/Descaler
- Degreaser
- 1/2" Gas Quick Disconnect
- Field Drain Tempering Kit
- Interconnecting Piping 12'
- Interconnecting Piping 6'
- Flanged Feet
- Puresteam Replacement Cartridge
- Pre-filter System
- Propane Burner Assembly
- Water Connection

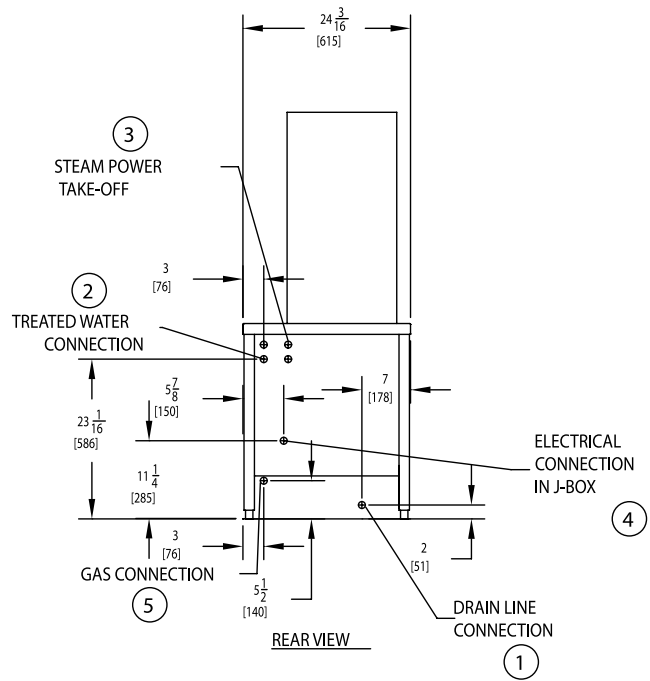
### ADDITIONAL RESOURCES:

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

SERVICE CONNECTIONS AND NOTES :

- ① DRAIN CONNECTION: 1 1/4"[42] NPT
- ② TREATED WATER SUPPLY: 1/2"[21] NPT
- ②A UN-TREATED WATER SUPPLY: 1/2"[21] NPT
- ③ STEAM POWER TAKE-OFF: 1/2"[21] NPT
- ④ ELECTRICAL CONNECTION: 7/8"[22] DIA. HOLE (REF. 1/2" CONDUIT KNOCK-OUT)
- ⑤ GAS CONNECTION: 1/2"[21] NPT
- ⑥ MIN. CLEARANCE FROM COMBUSTIBLE MATERIALS
 

RIGHT SIDE	2" [51]
LEFT SIDE	4" [102]
REAR	6" [153]
- ⑦ DO NOT INSTALL STEAMER OVER DRAIN OR FLOOR SINK AS HUMIDITY OR STEAM MAY DAMAGE ELECTRICAL COMPONENTS.



	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

DO NOT DIRECTLY VENT THE FLUE

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

