EGH

COMMERCIAL GAS BOILER

Gas
Water or Steam
With Tankless Heater Option
MBH: 349-550
Combustion Eff.: 80%

Net Load Range
Hot Water
243,000 to 383,000 BTU/Hr.
Steam
875 to 1,375 Sq. FT.

- **UNMATCHED COMFORT AND RELIABILITY**
- **EASY TO INSTALL AND SERVICE**
- **MADE WITH WEIL-McLAIN QUALITY**

APPLICATIONS INCLUDE:

Large Residential Homes
Apartment Buildings
Small Commercial Buildings
Indirect-fired Water Heating
... And Much More

WEIL-McLAIN
www.weil-mclain.com

Ratings

DOE

MADE IN THE USA

EGH COMMERCIAL GAS BOILER

Model*	C.S.A. Input (MBH+)	Combustion Efficiency	C.S.A. Gross Output (MBH+)	Net I=B=R Ratings** Steam (MBH+)	Steam (Sq. Ft.)	Water (MBH+)	Net Sq. Ft. Water	I=B=R Chimney Size***	Approx. Shipping Weight (Lbs)
EGH-85	349	80.0	280	210	875	243	1,620	9" I.D. × 20'	845
EGH-95	400	80.0	320	240	1,000	278	1,855	10" I.D. × 20'	880
EGH-105	450	80.0	360	270	1,125	313	2,085	10" I.D. × 20'	975
EGH-115	500	80.0	400	300	1,250	348	2,320	12" I.D. × 20'	1,065
EGH-125	550	80.0	440	330	1,375	383	2,550	12" I.D. × 20'	1,145

Notes:

* Add to boiler number "W" for Water "S" for Steam. Add "PI" to designator for intermittent electronic ignition system (standard for EGH-105 through 125). Add "PI w/damper" to designator for intermittent electronic ignition system with automatic vent damper. Add "T" to designator for boiler with tankless heater openings. (See additional equipment.)

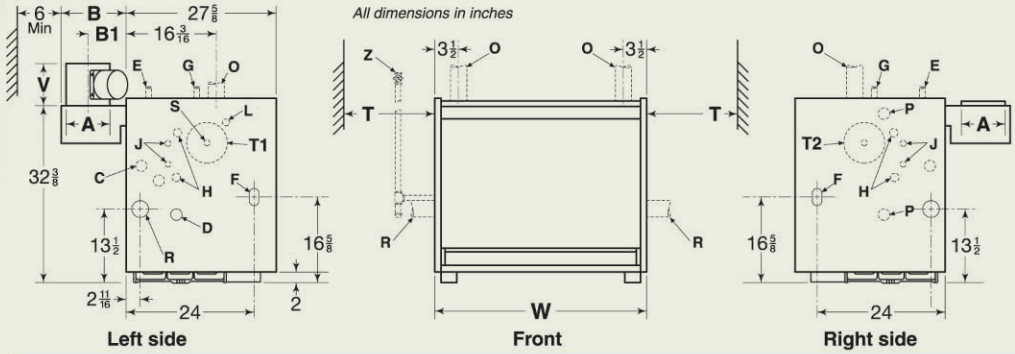
\+ MBH refers to thousands of BTU per hour.

** Net I=B=R ratings are based on net installed radiation sufficient quantity for the requirements of the building and nothing need be added for normal piping and pick-up. Steam ratings are based on a piping and pick-up allowance of 1.333; water ratings on an allowance of 1.15. An additional allowance should be made for unusual piping and pick-up loads. Ratings shown are for elevations up to 2,000 feet. For elevations above 2,000 feet, ratings should be reduced at the rate of 4 percent for each 1,000 feet above sea level.

*** Chimney size based on lined chimney.

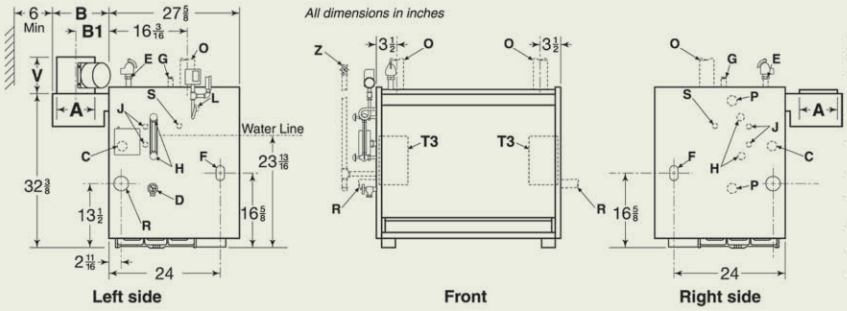
NOTE: Boiler is CSA design certified for installation on non-combustible flooring only. Water boilers tested for 50 PSI working pressure.

Dimensions



Water

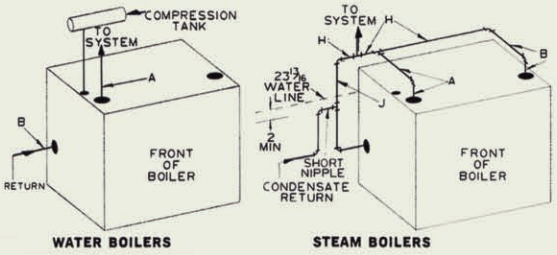
Model (Water)	Pipe Size Supply	Pipe Size Return
EGH-85-95	2"	2"
EGH-105–125	2 1/2"	2 1/2"



Steam

Location	Size	Control Tappings Steam	Water
C	3/4"	Probe-Type-Low-Water Cutoff	Probe-Type LWCO (when used)
D	3/4"	Drain	Drain
E	3/4"	Safety Valve	Safety Relief Valve
G	3/4"	Plugged	Piping to Compression Tank or Auto. Air Vent
H	1/4"	Gauge Glass and/or Low-Water Cutoff	Combination Pressure-Temperature Gauge
J*	3/8"	Try Cock Tappings	–
L	1/4"	Plugged	Combination Pressure-Temperature Gauge
P	1"	Float-Type Low-Water Cutoff, Pressure Limit Control, and Pressure Gauge; or Low-Water Cutoff and Feeder Combination; or Low-Water Cutoff and Pump Control	Float-Type Low-Water Cutoff; Low-Water Cutoff and Feeder Combination; or Low-Water Cutoff and Pump Control
S (Steam)	1 1/2"	Skim Tapping	Limit Control
S (water)	3/4"	–	Limit Control

* Available only on special request.



Model (Steam)	Riser Pipe Size A	Riser Pipe Size B	Header* H	Equalizer* J
EGH-85–95	2"	2"	3"	1 1/2"
EGH-105	2 1/2"	2 1/2"	3"	1 1/2"
EGH-115–125	2 1/2"	2 1/2"	4"	1 1/2"

*24 minimum from waterline to header.

Standard and Optional Equipment

Standard Equipment:
Factory-Assembled Section Block
Insulated Extended Jacket
Horizontal to Vertical Draft Hood
Stainless Steel Burners
Burner Shield
Combination Gas Valve for 24 Volt
Non-Linting Pilot Burner
Electrical Junction Box
40 VA Transformer (with receptacle for plug-in relay)
Highest-Efficiency Model-PI W/Damper Intermittent Electronic Ignition
High-Efficiency Model-PI Intermittent Electronic Ignition
Standard Efficiency Model (EGH-85 and 95 only) Constant Burning, Thermally Supervised Pilot System and Thermocouple

Water Boilers Only:
Built-in-Air Separator
30 PSI ASME Relief Valve
Combination Pressure-Temperature Gauge
High-Limit Control (dual limit control for standard-efficiency models)

Steam Boilers Only:
15 PSI ASME Relief Valve
Steam Pressure Gauge
High-Limit Pressure Control (two limit controls for standard efficiency models)
Syphon
Gauge Cocks and Glass
Low-Water Cutoff-Electrode Type

Optional Equipment:
Automatic Vent Damper (for natural gas boilers with electronic ignition)
Low-Water Cutoffs
Electronic Controls-See Price Sheet
EGH Boiler with Openings for Tankless Heaters
Tankless Heaters (water and steam)

WEIL-McLAIN

In the interest of continual improvements in product and performance, Weil-McLain reserves the right to change specifications without notice.

C-648 (1009)