



Series 5
Gas
Steam

With Tankless Heater Option
MBH: 315-495
Combustion Eff.: 82%+

Net Load Range
Steam
760 to 1,193 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*



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Ratings

Model*	C.S.A Input (MBH+)	Combustion Efficiency	C.S.A. Gross Output (MBH+)	AHRI Ratings**		AHRI Chimney Size***
				Steam (MBH+)	(Sq. Ft.)	
EGH-85	315	82.34%	243	182	760	9" I.D. x 20'
EGH-95	360	82.39%	278	208	868	10" I.D. x 20'
EGH-105	405	82.43%	312	234	977	10" I.D. x 20'
EGH-115	450	82.48%	347	260	1085	12" I.D. x 20'
EGH-125	495	82.52%	382	286	1193	12" I.D. x 20'

Notes:
 * Add to boiler number "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 AHRI ratings are based on net installed radiation of 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. 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.

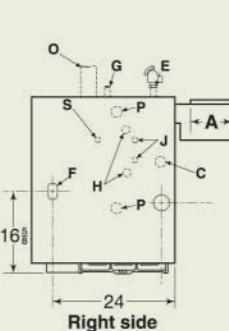
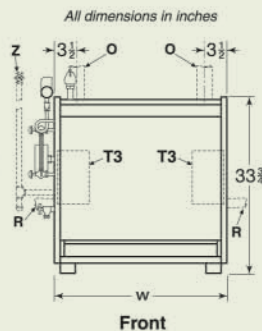
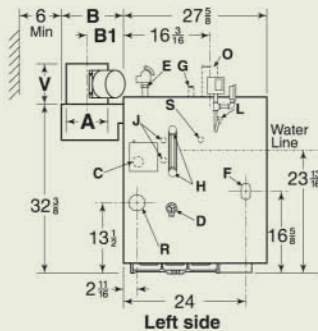
Dimensions

Model number	Supply EGH O	Return EGH R	Dimensions (See note 3 for PEG-30 to PEG-55 crate dimensions)						Gas Connection F (note 1)	Draft hood outlet size	Approx. ship. wt. (lbs)
			W	A	B	B1	V (note 2)	T			
EGH-85	2 - 3"	2 - 2 1/2"	38 1/4"	9"	15 3/4"	8 3/4"	—	N/A	3/4"	9"	825
EGH-95	2 - 3"	2 - 2 1/2"	42 1/2"	10"	15 3/4"	8 3/4"	—		3/4"	10"	915
EGH-105	2 - 3"	2 - 2 1/2"	46 3/4"	10"	15 3/4"	8 3/4"	—		1"	10"	1005
EGH-115	2 - 3"	2 - 2 1/2"	51"	12"	15 3/4"	8 3/4"	—		1"	12"	1095
EGH-125	2 - 3"	2 - 2 1/2"	55 1/4"	12"	15 3/4"	8 3/4"	—		1"	12"	1185

Notes:
 1. Sizes shown are gas connection sizes, natural or liquefied petroleum (propane) gas. Gas piping from meter to boiler to be sized according to local utility requirements. Gas line can enter on either the right or left end of the boiler.
 2. All EGH boilers the damper is additional equipment.

Tapping	Size	Steam Boilers
C	3/4"	Probe type low water cut-off
D	3/4"	Drain
E	3/4"	Safety valve
G	3/4"	Plugged
H	1/2"	Gauge glass and/or optional LWCO
J	3/8"	Tri cock tapplings
L	3/8"	Syphon, pressure gauge, high limit (probe type LWCO)

Notes:
 1. Available on special request only, when tankless heater is specified.



Tapping	Size	Steam Boilers
P (EGH Only)	1"	Float type LWCO, pressure limit control and pressure gauge, or LWCO and feeder combination, or LWCO and pump control
S	1 1/2"	Skim tapping
T1	3/4"	— (note 1)
T2	—	—
T3	—	Optional steam boiler tankless heater
Z	—	Manual shut-off gas valve (supplied by installer)

Notes:
 2. When a tankless water heater coil is installed, use the tapping in the heater for an additional operating control.

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
 System and Automatic Vent Damper

High-Efficiency Model-PI Intermittent Electronic Ignition
 Standard Efficiency Model (EGH-85 and 95 only) Constant Burning, Thermally Supervised Pilot System and Thermocouple

Steam Boilers Only:
 15 PSI ASME Relief Valve
 Steam Pressure Gauge
 High-Limit Pressure Control
 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)



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