



EG - Gas Boiler Weil-McLain

Water or Steam,
With Tankless Heater Option
Natural Draft
NAT'L or LP
MBH: 75-300
Avg. Eff.: 83%

Net Load Range
Hot Water
55,000 to 209,000 BTU/Hr.
Steam
196 to 750 Sq. FT.

- DURABLE AND HIGH EFFICIENT
- EASY TO INSTALL AND SERVICE
- MADE WITH WEIL-McLAIN QUALITY

APPLICATIONS INCLUDE:

Residential
Light Commercial
Multiple Boilers
Indirect-fired Water Heating
... And Much More



 **WEIL-McLAIN**
www.weil-mclain.com



Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 12/19/17

Model	CSA Input (MBH)	% DOE Seasonal Efficiency (AFUE)						Net I-B-R Ratings***				Approx. Shipping Weight (Lbs)	
		Intermittent Ignition w/Damper Natural Gas (PIDN)		Standing Pilot w/Damper Natural Gas (SPDN)		Standing Pilot w/Damper Propane (SPDL)		DOE Heating Capacity (MBH)**	Steam (MBH)	Water (MBH)	Steam (Sq. Ft.)		I-B-R Chimney Size
		Water	Steam	Water	Steam	Water	Steam						
EG-30*	75	84.3	83	82.2	81	84.2	82.9	62	47	55	196	5" I.D. x 20'	380
EG-35*	100	83.6	82.9	82	81.3	83.7	82.5	83	62	73	258	5" I.D. x 20'	380
EG-40*	125	84	82.9	82.5	81.5	84.3	83.2	104	78	91	325	6" I.D. x 20'	465
EG-45*	150	83.5	82.9	82.4	81.6	84	83	125	94	110	392	6" I.D. x 20'	465
EG-50*	175	83.8	82.8	82.9	81.9	84.4	83.7	145	109	128	454	7" I.D. x 20'	545
EG-55*	200	83.8	82.8	82.5	81.9	84.2	83.5	167	125	146	521	7" I.D. x 20'	545
EG-65*	250	84	83	82.6	82	84	82.8	209	157	183	654	8" I.D. x 20'	630
EG-75*	300	-	-	-	-	-	-	240	180	209	750	8" I.D. x 20'	695

Notes:

- * Add to boiler number "W" for water, "S" for steam. Add "SPD" to designator for boiler with standing pilot. Add "PID" to designator for boiler with intermittent electronic ignition system. For SPD models add "N" for natural gas, "L" for propane (propane not available for PID). Add "T" to designator for boiler with tankless heater openings. Add "P" to prefix for factory-assembled fire-tested package boiler (steam only sizes 30 thru 55). Example PEG-30-S-SPDN.
- ** Based on standard test procedures prescribed by the United States Department of Energy.
- *** Net I-B-R 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. Water ratings are based on a piping and pick-up allowance of 15; steam ratings on an allowance of 1.333. An additional allowance should be made for unusual piping and pick-up loads. NOTE: EG boiler is CSA design certified for installation on non-combustible flooring only. Tested for 50 PSI working-pressure. Not available for millivolt systems.

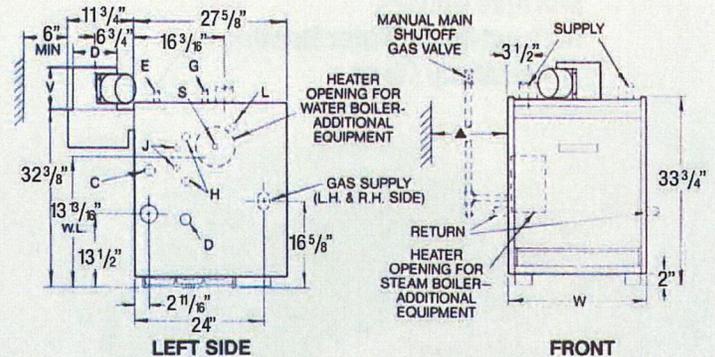
Dimensions

Model	Number & Size		Dimensions-Inches			Minimum Recommended Pipe Sizes			
	Supply (NPT)	Return (NPT)	D	V	W	Gas Connection Size* Natural & Propane	Forced Water Supply & Return**	Steam Riser & Header***	Steam Equalizer
EG-30	2-3"	2-2 1/2"	5"	6"	17"	1/2"	1"	2"	1 1/2"
EG-35	2-3"	2-2 1/2"	5"	6"	17"	1/2"	1"	2"	1 1/2"
EG-40	2-3"	2-2 1/2"	6"	6 1/2"	21 1/4"	1/2"	1 1/4"	2 1/2"	1 1/2"
EG-45	2-3"	2-2 1/2"	6"	6 1/2"	21 1/4"	1/2"	1 1/4"	2 1/2"	1 1/2"
EG-50	2-3"	2-2 1/2"	7"	9"	25 1/2"	1/2"	1 1/4"	2 1/2"	1 1/2"
EG-55	2-3"	2-2 1/2"	7"	9"	25 1/2"	1/2"	1 1/2"	3"	1 1/2"
EG-65	2-3"	2-2 1/2"	8"	9 1/2"	29 3/4"	3/4"	1 1/2"	3"	1 1/2"
EG-75	2-3"	2-2 1/2"	8"	9 1/2"	34"	3/4"	2"	3"	1 1/2"

* Sizes shown are gas connection sizes. Gas piping from meter to boiler to be sized according to local utility requirements.
 ** All supply and return sizes are based on a 20°F temperature rise through the boiler.
 *** 24" minimum from water line to header.

Location	Size	Steam	Water
C	3/4"	Electrode-Type-Low-Water Cutoff	Plugged
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	Plugged
J*	3/8"	Try Cock Tappings	-
L	1/4"	Syphon, Pressure Gauge, High-Limit Control	Combination Pressure-Temperature Gauge
S Steam	1 1/2"	Skim Tapping	-
S Water	3/4"	-	Limit Control

* Available only on special request.



Standard and Optional Equipment

Standard Equipment:

- Limited Lifetime Warranty on Water Boiler Sections; 10 Years On Steam Boiler Sections
- Factory-Assembled Section Block
- Insulated Extended Jacket
- Horizontal to Vertical Draft Hood
- Automatic Vent Damper (additional for EG-75)
- Combination Gas Valve for 24 Volt
- Non-Linting Pilot Burner
- Stainless Steel Burners
- Electrical Junction Box
- Spill Switch
- Rollout Thermal Fuse Element
- Water Boilers Only:**
- Built-in-Air Separator
- 30 PSI ASME Relief Valve (boiler sections tested for 50 PSI working pressure)
- Combination Pressure-Temperature Gauge
- High-Limit Control
- 40VA Transformer With Receptacle for Circulator Relay
- Plug-in Circulator Relay

Steam Boilers Only:

- 15 PSI ASME Relief Valve (boiler sections tested for 15 PSI working pressure)
- High-Limit Pressure Control
- Low Water Cutoff-Electrode Type
- 40VA Transformer
- Steam Pressure Gauge
- Syphon
- Gauge Cocks and Glass

High Efficiency model-SPD:

- Constant Burning, Thermally Supervised Pilot System
- Thermocouple

Highest Efficiency model-PID:

- Intermittent Electronic Ignition System with Weil-McLain UCM Universal Ignition Control Module

Optional Equipment:

- Package Steam Boiler-Factory-Assembled and Fire-Tested (P-EG-30 thru 55 only)
- Left End Section with Openings for Tankless Heaters
- Tankless Heaters, Heater Cover Plates, and Controls
- Automatic Vent Damper for EG-75 with Electronic Ignition
- Gas Conversion Kits



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

C-647 (1009)

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