

Ratings

Table 16 Ratings



DOE

Boiler Model Number	0-2,000 feet altitude		2,000-4,500 feet altitude (Canada)		Net AHRI Ratings			Chimney Size	Boiler Water Content (Gallons)	
	Input (Btuh)	DOE Heating Capacity Gross Output (Btuh)	Input (Btuh)	(Output) (Btuh)	Sq. Ft. Steam	Steam Btuh	Water Btuh		Water	Steam (to Waterline)
(Note 1)		(Note 2)	(Note 3)		(Note 4)					
*EG-30-	75,000	62,000	67,500	56,000	196	47,000	55,000	5" I.D. x 20'	12.3	8.4
*EG-35-	100,000	83,000	90,000	75,000	258	62,000	73,000	5" I.D. x 20'	12.3	8.4
*EG-40-	125,000	104,000	112,500	93,000	325	78,000	91,000	6" I.D. x 20'	14.8	9.8
*EG-45-	150,000	125,000	135,000	112,000	392	94,000	110,000	6" I.D. x 20'	14.8	9.8
*EG-50-	175,000	145,000	157,500	131,000	454	109,000	128,000	7" I.D. x 20'	17.3	11.2
*EG-55-	200,000	167,000	180,000	150,000	521	125,000	146,000	7" I.D. x 20'	17.3	11.2
*EG-65-	250,000	209,000	225,000	188,000	654	157,000	183,000	8" I.D. x 20'	19.8	12.6
EG-75-	299,000	240,000	270,000	216,000	770	185,000	217,000	8" I.D. x 20'	22.3	14.0
EGH-85-S	315,000	243,000	283,500	218,700	760	182,000	—	9" I.D. x 20'	—	15.4
EGH-95-S	360,000	278,000	324,000	250,000	868	208,000	—	10" I.D. x 20'	—	16.8
EGH-105-S	405,000	312,000	364,500	280,800	977	234,000	—	10" I.D. x 20'	—	18.2
EGH-115-S	450,000	347,000	405,000	312,300	1,085	260,000	—	12" I.D. x 20'	—	19.6
EGH-125-S	495,000	382,000	445,500	343,800	1,193	286,000	—	12" I.D. x 20'	—	21.0

Notes (Table 16)

* Add prefix "P" for package boiler completely assembled and wired with jacket and controls (PEG-30-S through PEG-65-S only).

1. **EG-30 thru 75:** Add suffix "PID" or "PI" for electronic ignition (30-65 — damper required in U.S.; optional in Canada); add "N" for natural; add "L" for propane; add "W" for water; add "S" for steam; add "T" for tankless heater; add "P" for provisional tankless heater.

EGH-85 & 95: Add suffix "PI" for electronic ignition (damper available on PI only); add "N" for natural; add "L" for propane; add "S" for steam; add "T" for tankless heater (tankless available on EGH-85 thru 125 PI Steam; EGH-85 and 95 SP Steam only); add "P" for provisional tankless heater.

EGH-105 thru 125: Add suffix "PI" for electronic ignition (damper available on PI only); add "T" for tankless heater.

2. Based on standard test procedures prescribed by the United States Department of Energy.

EGH-85 thru EGH-125: Gross output.

3. EGH-105 thru 125 may be installed at altitudes of 2,000-4,500 feet subject to acceptance by Provincial Inspections Authority based on field tests of individual installations.

4. 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. Water ratings are based on a piping and pick-up allowance of 1.15; steam ratings on an allowance of 1.333. An additional allowance should be made for unusual piping and pick-up loads. Consult local Weil-McLain representative.

Table 17 DOE seasonal efficiencies

Boiler Model Number	DOE season efficiency (AFUE)	
	Water	Steam
	PIDN	PIDN
EG-30 PEG-30	84.3	83.0
EG-35 PEG-35	83.6	82.9
EG-40 PEG-40	84.0	82.9
EG-45 PEG-45	83.5	82.9
EG-50 PEG-50	83.8	82.8
EG-55 PEG-55	83.8	82.8
EG-65 PEG-65	84.0	83.0
EG-75	82.7	82.4