

Table I: Water Boiler Ratings/Data

(1) Boiler Model	Fuel Type	Horse-Power	Gross Output (MBH)	(2) Net AHRI Rating		(3) Burner Input		AHRI Certified Efficiencies (%)		Firebox Volume (Cu. Ft.)	Pressure in Firebox (In. Wtr. Clmn.)	Water Content (Gal.)	Boiler Weight w/ Water (Lbs.)	Vent Dia. (In.)
				MBH Water	MBH	GPH	Combustion	Thermal						
V903A	Gas	10.0	336	292	400	-	85.4	84.0	3.2	0.95	66.0	1618	7	
	Oil	10.0	336	292	386	2.8	89.1	87.0		0.95				
V904A	Gas	15.2	509	443	606	-	85.3	84.0	4.8	0.97	75.0	1995	7	
	Oil	15.7	527	458		4.3	89.0	87.0		1.01				
V905A	Gas	20.3	679	590	808	-	85.2	84.0	6.4	0.98	84.0	2372	8	
	Oil	21.0	703	611		5.8	88.9	87.0		1.07				
V906A	Gas	25.3	848	737	1010	-	85.2	84.0	7.9	1.00	93.0	2749	8	
	Oil	26.2	879	764		7.2	88.8	87.0		1.12				
V907A	Gas	30.1	1006	875	1198	-	85.1	84.0	9.5	1.01	102.0	3126	8	
	Oil	31.1	1042	906		8.6	88.7	87.0		1.18				
V908A	Gas	34.8	1164	1012	1386	-	85.1	84.0	11.0	1.03	111.0	3503	10	
	Oil	36.0	1206	1049		9.9	88.6	87.0		1.23				
V909A	Gas	42.0	1406	1223	1674	-	85.0	84.0	12.6	1.05	120.0	3880	10	
	Oil	43.5	1456	1266		12.0	88.5	87.0		1.31				
V910A	Gas	47.8	1600	1391	1905	-	84.9	84.0	14.2	1.06	129.0	4257	10	
	Oil	49.5	1657	1441		13.6	88.4	87.0		1.37				
V911A	Gas	53.6	1794	1560	2136	-	84.8	84.0	15.7	1.08	138.0	4634	12	
	Oil	55.5	1858	1616		15.3	88.3	87.0		1.44				
V912A	Gas	59.4	1988	1729	2367	-	84.8	84.0	17.3	1.10	147.0	5011	12	
	Oil	61.5	2059	1791		16.9	88.2	87.0		1.50				

Notes:

(1) **Type of Build Prefix:** K = Knockdown, A = Knockdown w/Assembled Sections, P = Packaged, F = Packaged and Firetested

Trim Suffix: W = Water Boiler

Fuel Suffix: N = Natural Gas, P = LP Gas, O = Oil, C = Natural Gas/Oil, D = LP Gas/Oil, M - Less Burner

Burner Suffix: B = Beckett, J = Power Flame JR, P = Power Flame C, W = Webster, L = Less Burner

(2) AHRI net ratings shown are based on a piping and pick-up allowance of 1.15 for water, from the AHRI CBLR Operations Manual. Consult manufacturer for installations having unusual piping and pick-up requirements, such as intermittent system operation, extensive piping systems, etc.

(3) The burner capacity in GPH is based on No. 2 fuel oil having a heat value of 140,000 BTU per gallon.

(4) Firebox volume does not include added volume of 8" extended burner mounting plate (BMP). If 8" BMP is specified (refer to Figure 1), add 0.7 cu. ft. to volume listed above.

(5) Boiler ratings are based on 12.0 - 12.5% CO₂ (oil) and 9.8% CO₂ (natural gas), + .10" (inches) water column pressure at boiler flue outlet. Ratings shown above apply at altitudes up to 1000 feet on oil and 2000 feet on gas.

For altitudes above those indicated, the ratings should be reduced at the rate of 4% for each 1000 feet above sea level.

Pressure Relief Valve Set Pressure: Water Boiler - 50 PSI
Optional Water Boiler - 30 PSI, 40 PSI, 45 PSI, 80 PSI (special order)

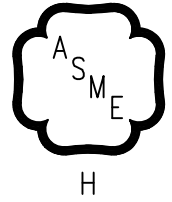


Table II: Steam Boiler Ratings/Data

Boiler Model	Fuel Type	Horse-Power	Gross Output (MBH)	Net AHRI Rating		Burner Input		AHRI Certified Efficiencies (%)		Firebox Volume (Cu. Ft.)	Pressure in Firebox (In. Wtr. Clmn.)	Water Content (Gal.)	Boiler Weight w/Water (Lbs.)	Vent Dia. (In.)
				Sq. Ft. Steam	MBH Steam	MBH	GPH	Combustion	Thermal					
V903A	Gas	9.7	324	1013	243	400	-	83.0	81.0	3.2	0.97	66.0	1439	7
	Oil	9.7	324	1013	243	386	2.8	86.0	84.0		1.11			
V904A	Gas	14.7	491	1533	368	606	-	83.0	81.0	4.8	1.00	75.0	1811	7
	Oil	15.2	509	1592	382		4.3	86.0	84.0		1.20			
V905A	Gas	19.5	654	2046	491	808	-	83.0	81.0	6.4	1.03	84.0	2184	8
	Oil	20.3	679	2121	509		5.8	86.0	84.0		1.29			
V906A	Gas	24.4	818	2558	614	1010	-	83.0	81.0	7.9	1.05	93.0	2557	8
	Oil	25.3	848	2650	636		7.2	86.0	84.0		1.37			
V907A	Gas	29.0	970	3033	728	1198	-	83.0	81.0	9.5	1.08	102.0	2930	8
	Oil	30.1	1006	3146	755		8.6	86.0	84.0		1.45			
V908A	Gas	33.5	1123	3508	842	1386	-	83.0	81.0	11.0	1.11	111.0	3303	10
	Oil	34.8	1164	3638	873		9.9	86.0	84.0		1.53			
V909A	Gas	40.5	1356	4271	1025	1674	-	83.0	81.0	12.6	1.14	120.0	3676	10
	Oil	42.0	1406	4442	1066		12.0	86.0	84.0		1.65			
V910A	Gas	46.1	1543	4917	1180	1905	-	83.0	81.0	14.2	1.18	129.0	4048	10
	Oil	-	-	-	-	-	-	-	-	-	-	-	-	-
V911A	Gas	51.7	1730	5567	1336	2136	-	83.0	81.0	15.7	1.21	138.0	4421	12
	Oil	-	-	-	-	-	-	-	-	-	-	-	-	-
V912A	Gas	57.3	1899	6139	1473	2345	-	83.0	81.0	17.3	1.24	147.0	4794	12
	Oil	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

(1) **Type of Build Prefix:** K = Knockdown, A = Knockdown w/Assembled Sections, P = Packaged, F = Packaged and Firetested

Trim Suffix: S = Steam Boiler

Fuel Suffix: N = Natural Gas, P = LP Gas, O = Oil, C = Natural Gas/Oil, D = LP Gas/Oil, M - Less Burner

Burner Suffix: B = Beckett, J = Power Flame JR, P = Power Flame C, W = Webster, L = Less Burner

(2) AHRI net ratings shown are based on a piping and pick-up allowance from 1.333 to 1.288 for steam. For full steam factor equations consult AHRI CBLR Operations Manual. Consult manufacturer for installations having unusual piping and pick-up requirements, such as intermittent system operation, extensive piping systems, etc.

(3) The burner capacity in GPH is based on No. 2 fuel oil having a heat value of 140,000 BTU per gallon.

(4) Firebox volume does not include added volume of 8" extended burner mounting plate (BMP). If 8" BMP is specified (refer to Figure 1), add 0.7 cu. ft. to volume listed above.

(5) Boiler ratings are based on 12.0 - 12.5% CO₂ (oil) and 9.8% CO₂ (natural gas), + .10" (inches) water column pressure at boiler flue outlet. Ratings shown above apply at altitudes up to 1000 feet on oil and 2000 feet on gas.

For altitudes above those indicated, the ratings should be reduced at the rate of 4% for each 1000 feet above sea level.

Pressure Relief Valve Set Pressure: Steam Boiler - 15 PSI