



NON-CONDENSING Commercial Boilers — Reliability and Durability Since 1881



Model	LGB™	LGB™	80 Steam/Water	88 Steam/Water	88 Water	94 Steam/Water
Series	2	3	1	2	3	3
Input (MBH)	400–2,860	350–2,470	346–1,674	1,010–5,845	960–5,440	2,540–8,660
Output (MBH)	312–2,288	283–2,074	278–1,348	839–4,857	804–4805	2,052–7,288
Fuel	NG or LP	NG	NG / LP / Oil	NG / LP / Oil	NG / LP / Oil	NG / LP / Oil
Combustion Efficiency (%)	up to 85.1%	—	up to 85.5%	up to 87.5%	—	up to 86.7%
Thermal Efficiency (%)	up to 82.8%	Up to 84.0%	up to 83.2%	up to 85.7%	Up to 87.0%	up to 86.7%
Condensing Design	NA	No	NA	NA	No	NA
Vent Type	Natural Draft	Natural Draft	Forced (Power)	Forced (Power)	Forced Draft	Forced (Power)
Vent Category	CAT 1	CAT 1 (Steam) CAT 2 (Water)	CAT 1 & 3	CAT 1 & 3	CAT 2 & 4	CAT 1 & 3
Heating Medium	Water or Steam	Water or Steam	Water or Steam	Water or Steam	Water	Water or Steam
Heat Exchanger	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Tankless Option	NA	N/A	Yes	Yes	Yes	Yes
Packaged Boiler with Burner	Yes*	Yes*	Yes	Yes	Yes	Yes
Packaged Boiler less Burner	NA	N/A	Yes	Yes	Yes	Yes
Factory Assembled Sections (HX Block)	Yes*	Yes*	Yes	Yes	Yes	Yes
Knocked Down for Field Assembly	Yes (standard)	Standard	Yes (standard)	Yes (standard)	Standard	Yes (standard)
Warranty (Heat Exchanger)	10 Years+	10 Years+	10 Years+	10 Years+	10 Years+	10 Years+
Warranty (Package)	1 year	1 Year	1 year	1 year	1 Year	1 year

Notes: * 14-section configurations and below - larger sizes available as knock-down only. + Heat exchanger section replacement.



Weil-McLain® is a leading North American designer and manufacturer of hydronic comfort heating systems for residential, commercial and institutional buildings since 1881. Weil-McLain has manufacturing facilities in Michigan City, Indiana and Eden, North Carolina, along with regional sales offices throughout the United States and an administrative office in Burr Ridge, Illinois.

Architects, engineers, contractors, facility managers and homeowners alike rely on Weil-McLain for their comfort heating needs. Installed in homes, offices, schools, restaurants, hotels and other facilities throughout North America, the Weil-McLain brand is among the most respected and often used in the building industry.

Weil-McLain Support Services 800-654-2109 Weil-McLain.com

LGB Series 2	AHRI Ratings														
	Model	Input (MBH)	Water Gross Output (MBH)	Steam				Water				Sizing			
				Water Gross Output (MBH)	Net Steam (Sq. Ft.)	Net Steam (MBH)	Net Water (MBH)	Combustion Efficiency (%)	Thermal Efficiency (%)	Combustion Efficiency (%)	Thermal Efficiency (%)	Flue Outlet Diameter (In.)	Boiler Water/Steam Content (Gallons)	Approx. Shipping Weight (Lbs.)	
LGB-4	400	322	312	975	234	280	81.9	78.0	85.1	80.5	10	36.5	1,185		
LGB-5	520	419	409	1,279	307	364	82.3	78.7	85.1	80.5	12	45.6	1,455		
LGB-6	650	523	514	1,607	386	455	82.4	79.1	85.1	80.5	12	54.7	1,725		
LGB-7	780	628	619	1,936	464	546	82.6	79.4	85.1	80.5	12	63.9	2,005		
LGB-8	910	737	724	2,264	543	614	82.7	79.6	85.0	81.0	14	73.0	2,290		
LGB-9	1,040	843	829	2,591	622	733	82.7	79.7	85.0	81.1	14	82.1	2,560		
LGB-10	1,170	950	934	2,918	701	826	82.8	79.8	85.0	81.2	16	91.2	2,800		
LGB-11	1,300	1,057	1,039	3,246	779	919	82.8	79.9	85.0	81.3	16	100.4	3,105		
LGB-12	1,430	1,165	1,144	3,576	858	1,013	82.9	80.0	85.0	81.5	16	109.5	3,365		
LGB-13	1,560	1,273	1,239	3,868	929	1,107	82.6	79.4	85.0	81.6	16	118.6	3,785		
LGB-14	1,690	1,381	1,344	4,228	1,015	1,201	82.6	79.5	85.0	81.7	16	127.7	4,085		
LGB-15	1,820	1,489	1,449	4,592	1,102	1,295	82.7	79.6	85.0	81.8	16	136.9	4,355		
LGB-16	1,950	1,597	1,552	4,950	1,188	1,389	82.7	79.6	85.0	81.9	17	146.0	4,725		
LGB-17	2,080	1,708	1,658	5,316	1,276	1,485	82.7	79.7	85.0	82.1	17	155.1	4,975		
LGB-18	2,210	1,817	1,764	5,682	1,364	1,580	82.8	79.8	84.9	82.2	18	164.2	5,270		
LGB-19	2,340	1,926	1,867	6,034	1,448	1,675	82.8	79.8	84.9	82.3	18	173.4	5,540		
LGB-20	2,470	2,035	1,974	6,384	1,533	1,770	82.8	79.9	84.9	82.4	19	182.5	5,820		
LGB-21	2,600	2,207	2,077	6,720	1,613	1,919	82.8	79.9	84.9	82.5	19	191.6	6,080		
LGB-22	2,730	2,318	2,184	7,065	1,696	2,016	82.8	80.0	84.9	82.6	19	201.2	6,365		
LGB-23	2,860	2,428	2,288	7,402	1,776	2,111	82.9	80.0	84.9	82.8	20	209.8	6,625		

88 Series 2	AHRI Ratings																	
	Model	Input Light Oil (MBH)	Input Gas (MBH)	Net Steam (Sq. Ft.)	Net Steam (MBH)	Gross Output (MBH)	Steam				Water				Sizing			
							Oil Combustion Efficiency (%)	Gas Combustion Efficiency (%)	Oil Thermal Efficiency (%)	Gas Thermal Efficiency (%)	Net Water (MBH)	Gross Output (MBH)	Oil Combustion Efficiency (%)	Gas Combustion Efficiency (%)	Oil Thermal Efficiency (%)	Gas Thermal Efficiency (%)	Flue Outlet Diameter (In.)	Boiler Water/Steam Content (Gallons)
488	980	1,010	2,621	629	839	87.5	84.8	85.6	83.1	734	844	87.4	84.7	86.0	83.6	10	109.0	2,860
588	1,315	1,356	3,521	845	1,126	87	84.4	85.6	83.1	987	1,135	87.3	84.7	86.0	83.7	10	132.0	3,340
688	1,650	1,701	4,469	1,072	1,413	86.7	84.1	85.6	83.1	1,238	1,424	87.3	84.6	86.0	83.7	10	155.0	3,820
788	1,985	2,046	5,463	1,311	1,700	86.5	83.9	85.6	83.1	1,490	1,713	87.2	84.6	86.1	83.7	12	178.0	4,345
888	2,320	2,382	6,427	1,543	1,987	86.3	83.7	85.6	83.1	1,734	1,994	87.2	84.5	86.1	83.7	12	201.0	4,925
988	2,655	2,737	7,358	1,766	2,274	86.2	83.7	85.6	83.1	1,995	2,294	87.1	84.5	86.2	83.8	14	224.0	5,600
1088	2,990	3,082	8,383	1,988	2,561	86.2	83.6	85.6	83.1	2,246	2,583	87.1	84.5	86.2	83.8	14	247.0	6,130
1188	3,325	3,428	9,213	2,211	2,848	86.1	83.5	85.7	83.1	2,498	2,873	87.0	84.4	86.3	83.8	14	270.0	6,695
1288	3,660	3,773	10,147	2,434	3,135	86.0	83.5	85.7	83.1	2,750	3,162	87.0	84.4	86.4	83.8	14	293.0	7,260
1388	3,995	4,119	11,071	2,657	3,422	86.0	83.4	85.7	83.1	3,005	3,456	86.9	84.3	86.4	83.9	14	316.0	7,890
1488	4,330	4,464	12,000	2,880	3,709	86.0	83.4	85.7	83.1	3,257	3,745	86.9	84.3	86.4	83.9	16	339	8,410
1588	4,665	4,809	12,925	3,102	3,996	85.9	83.3	85.7	83.1	3,509	4,035	86.8	84.2	86.5	83.9	16	362.0	9,005
1688	5,000	5,155	13,854	3,325	4,283	85.9	83.3	85.7	83.1	3,765	4,330	86.8	84.2	86.5	84.0	16	385.0	9,525
1788	5,335	5,494	14,783	3,548	4,570	85.9	83.3	85.7	83.1	4,013	4,615	86.7	84.1	86.6	84.0	18	408.0	9,780
1888	5,670	5,845	15,713	3,771	4,857	85.9	83.3	85.7	83.1	4,270	4,910	86.7	84.1	86.6	84.0	18	431.0	10,775

Notes: *Flue connection size is oval 16 1/8" X 19 3/4"

LGB Series 3	AHRI Ratings											Approximate Knock-Down Shipping Weight (Lbs.)	Approximate Assembled Block Weight (Lbs.)	Approximate Packaged Shipping Weight (Lbs.)
	Model	Input Rating		Gross Output Rating		Thermal Efficiency		Boiler H.P.	Chimney Breaching Size (I.D.)	Boiler Water Content				
		Max Input (MBH)	Min Input (MBH)	Steam (MBH)	Water (MBH)	Steam (%)	Water (%)			Steam to Waterline (Gallons)	Water (Gallons)			
LGB-4R	350	175	283	294	81.0%	84.0%	8.5	10	23.2	36.5	1,298	1,064	1,777	
LGB-4	400	200	324	336	81.0%	84.0%	9.7	10	23.2	36.5	1,598	1,064	1,777	
LGB-5	520	260	421	436	81.0%	84.0%	12.6	12	28.9	45.6	1,898	1,321	1,994	
LGB-6	650	325	526	546	81.0%	84.0%	15.7	12	34.6	54.7	2,198	1,578	2,216	
LGB-7	780	390	631	655	81.0%	84.0%	18.8	12	40.3	63.9	2,498	1,835	2,550	
LGB-8	910	455	737	764	81.0%	84.0%	22.0	14	46.0	73.0	2,798	2,117	2,773	
LGB-9	1,040	520	842	873	81.0%	84.0%	25.2	14	51.9	82.1	3,098	2,375	3,108	
LGB-10	1,170	585	947	982	81.0%	84.0%	28.3	16	57.6	91.2	3,398	2,657	3,442	
LGB-11	1,300	650	1,053	1,092	81.0%	84.0%	31.5	16	63.4	100.4	3,698	2,914	3,669	
LGB-12	1,430	715	1,158	1,201	81.0%	84.0%	34.6	16	69.1	109.5	3,998	3,196	3,895	
LGB-14	1,690	845	1,368	1,419	81.0%	84.0%	40.9	16	80.7	127.7	4,298	3,740	4,779	
LGB-16	1,950	975	1,579	1,638	81.0%	84.0%	47.2	17	92.2	146.0	4,598	---	---	
LGB-18	2,210	1,105	1,790	1,856	81.0%	84.0%	53.5	18	103.6	164.2	4,898	---	---	
LGB-20	2,470	1,235	2,000	2,074	81.0%	84.0%	59.7	19	115.3	182.5	5,198	---	---	

88 Series 3	Burner Capacity		Gross Output Rating		Oil		Gas		Boiler H.P.	Flue Outlet Diameter	Boiler Water Content	Approximate Shipping Weight
	Input Oil (MBH)	Input Gas (MBH)	Oil (MBH)	Gas (MBH)	Combustion Efficiency (%)	Thermal Efficiency (%)	Combustion Efficiency (%)	Thermal Efficiency (%)				
488	6.9	960	804	806	---	87.0%	---	84.0%	23.8	10	109.0	2,860
588	9.1	1,280	1,108	1,075	---	87.0%	---	84.0%	31.7	10	132.0	3,340
688	11.4	1,600	1,389	1,344	---	87.0%	---	84.0%	39.7	12	155	3,820
788	13.8	1,920	1,681	1,613	---	87.0%	---	84.0%	47.6	12	178.0	4,345
888	16.0	2,240	1,949	1,882	---	87.0%	---	84.0%	55.6	14	201.0	4,925
988	18.2	2,560	2,242	2,176	88.0%	---	85.0%	---	63.5	14	224.0	5,600
1088	20.5	2,880	2,526	2,448	88.0%	---	85.0%	---	71.4	14	247.0	6,130
1188	23.0	3,200	2,834	2,720	88.0%	---	85.0%	---	79.4	16	270.0	6,695
1288	25.0	3,520	3,080	2,992	88.0%	---	85.0%	---	87.3	16	293.0	7,260
1388	27.5	3,840	3,388	3,264	88.0%	---	85.0%	---	95.2	16	316.0	7,890
1488	29.5	4,160	3,634	3,536	88.0%	---	85.0%	---	103.2	18	339.0	8,410
1588	32.0	4,480	3,942	3,808	88.0%	---	85.0%	---	111.1	18	362.0	9,005
1688	34.5	4,800	4,250	4,080	88.0%	---	85.0%	---	119.0	18	385.0	9,525
1788	36.5	5,120	4,497	4,352	88.0%	---	85.0%	---	127.0	18	408.0	9,780
888	39.0	5,440	4,805	4,624	88.0%	---	85.0%	---	134.9	20	431.0	10,775

80 Series 1	AHRI Ratings											Sizing		
	Model	Input Light Oil (MBH)	Input Gas (MBH)	Gross Output (MBH)	Net Steam (Sq. Ft.)	Net Steam (MBH)	Net Water (MBH)	Oil Combustion Efficiency (%)	Gas Combustion Efficiency (%)	Oil Thermal Efficiency (%)	Gas Thermal Efficiency (%)	Flue Outlet Diameter (In.)	Boiler Water/Steam Content (Gallons)	Approx. Shipping Weight (Lbs.)
480	476	491	396	1,238	297	344	85.5	82.9	83.2	80.7	8	49.0	1,203	
580	623	639	515	1,608	386	448	85.1	82.6	83.1	80.6	8	60.5	1,448	
680	770	787	634	1,983	476	551	84.9	82.3	83.1	80.6	8	72.0	1,843	
780	910	935	753	2,354	565	655	84.7	82.2	83.1	80.6	10	83.5	2,088	
880	1,050	1,082	872	2,725	654	758	84.6	82.0	83.0	80.6	10	95.0	2,317	
980	1,190	1,230	991	3,096	743	862	84.5	82.0	83.0	80.5	10	106.5	2,678	
1080	1,344	1,378	1,110	3,471	833	965	84.4	81.9	83.0	80.5	10	118.0	2,923	
1180	1,484	1,526	1,229	3,842	922	1,069	84.4	81.8	83.0	80.5	10	129.5	3,068	
1280	1,624	1,674	1,348	4,242	1,018	1,172	84.3	81.8	83.0	80.5	12	141.0	3,313	

94 Series 3	AHRI Ratings																	
	Model	Input Light Oil (MBH)	Input Gas (MBH)	Gross Steam Output (MBH)	Gross Water Output (MBH)	Net Steam (Sq. Ft.)	Net Steam (MBH)	Net Water (MBH)	Steam				Water					