

Ask your Burnham Commercial sales rep about the SBC™ Boiler Control™



	MPC SERIES	V11H SERIES	V9A SERIES	8HE SERIES
Fuel	Gas, Oil or Gas/Oil Combination	Gas, Oil or Gas/Oil Combination	Gas, Oil or Gas/Oil Combination	Natural or LP Gas
Thermal Efficiency	84-87%	81-85%	80-83%	80-84%
Fuel Input	500-3,657 MBH (3.5-25.5 GPH)	837-5,773 MBH (5.8-39.8 GPH)	447-2,367 MBH (4.2-16.4 GPH)	239-505 MBH
Venting	Forced Draft	Forced Draft	Forced Draft	Atmospheric
Water or Steam	Water Only	Water or Steam	Water or Steam	Water Only
Domestic Water Coil	No	Optional	Optional	No
Heat Exchanger	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Condensing	No	No	No	No
Burners	Beckett, Power Flame	Beckett, Carlin, Power Flame, Webster	Beckett, Carlin, Power Flame, Webster	Aluminized Steel Tubes
Shipping Options	Knockdown, Assembled Sections, Packaged or Firetested	Knockdown, Assembled Sections, Packaged or Firetested	Knockdown, Assembled Sections, Packaged or Firetested	Knockdown with Assembled Sections or Packaged
Warranty	10-Year*	10-Year*	10-Year*	10-Year*

*In the interest of continual improvements in products and performance, Burnham Commercial reserves the right to change specifications without notice. A complete copy of the boiler warranty, including details and limitations, can be found on our website: www.BurnhamCommercial.com

Product Information Model, Size, Efficiency, Ratings



MPC Series: Gas and Oil, Water Only, Cast Iron

Model Number	Input (MBH)	Gross Output (MBH)	Boiler Horsepower	Thermal Efficiency		Vent Diameter (Inches)
				Gas	Oil	
MPC4	500	424	12.7	84.7	87.3	7
MPC5	773	652	19.5	84.3	86.9	7
MPC6	995	837	25.0	84.1	86.8	8
MPC7	1,216	1,023	30.5	84.1	86.7	8
MPC8	1,438	1,209	36.1	84.1	86.7	8
MPC9	1,660	1,394	41.7	84.0	86.6	10
MPC10	1,881	1,580	47.2	84.0	86.6	10
MPC11	2,103	1,767	52.8	84.0	86.6	10
MPC12	2,325	1,951	58.3	83.9	86.5	10
MPC13	2,547	2,137	63.8	83.9	86.5	12
MPC14	2,769	2,323	69.4	83.9	86.5	12
MPC15	2,991	2,506	74.9	83.8	86.5	12
MPC16	3,213	2,692	80.4	83.8	86.4	12
MPC17	3,435	2,879	86.0	83.8	86.4	12
MPC18	3,657	3,065	91.5	83.8	86.4	12

V9A Series: Gas and Oil, Water or Steam, Cast Iron

Model Number	Gas Input (MBH)	Oil Input (GPH)	Gross Output (MBH)	Boiler Horsepower	Steam Rating ² (Sq. Ft.)	Thermal Efficiency	
						Gas	Oil
V903A	447	N/A	358	10.7	1,119	80.0	N/A
V904A	606	4.2	483	14.4	1,508	80.1	82.1
V905A	808	5.6	646	19.3	2,021	80.1	82.4
V906A	1,010	7.0	808	24.1	2,525	80.1	82.5
V907A	1,198	8.3	959	28.6	2,996	80.1	82.6
V908A	1,386	9.6	1,110	33.2	3,471	80.2	82.6
V909A	1,674	11.6	1,342	40.1	4,549	80.2	82.7
V910A	1,905	13.2	1,528	45.6	4,867	80.2	82.7
V911A	2,136	14.8	1,714	51.2	6,249	80.3	82.7
V912A	2,367	16.4	1,900	56.8	6,142	80.3	82.7

8HE Series: Natural or LP Gas, Water Only, Cast Iron**

Model Number ¹	Gas Input (MBH) ¹	Gross Output (MBH)	Net AHRI Ratings ² (Water, MBH)	Thermal Efficiency
805HE	239	201	175	84.0 ³
806HE	299	251	218	84.0 ³
807HE	340	275	239	81.0
808HE	410	328	285	80.1
809HE	460	370	322	80.4
810HE	505	406	353	80.5

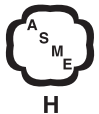
V11H Series: Gas and Oil, Water or Steam, Cast Iron

Model Number	Water		Steam		Net AHRI Ratings ²			Gas Input (MBH)	Oil Input (GPH)	Gas Thermal Efficiency (%)		Oil Thermal Efficiency (%)	
	Gross Output (MBH)	Boiler Horsepower	Gross Output (MBH)	Boiler Horsepower	Water (MBH)	Steam (MBH)	Steam (Sq.Ft.)			Water Efficiency	Steam Efficiency	Water Efficiency	Steam Efficiency
V1105H	871	26.0	862	25.7	758	647	2,694	1,068	7.4	81.6	80.7	84.5	83.7
V1106H	1,085	32.4	1,074	32.1	943	806	3,358	1,328	9.2	81.7	80.9	84.7	83.9
V1107H	1,298	38.8	1,288	38.5	1,129	969	4,036	1,588	10.9	81.8	81.1	84.8	84.1
V1108H	1,536	45.9	1,525	45.6	1,335	1,166	4,857	1,876	12.9	81.9	81.3	84.9	84.3
V1109H	1,750	52.3	1,741	52.0	1,522	1,345	5,604	2,136	14.7	81.9	81.5	85.0	84.5
V1110H	1,965	58.7	1,958	58.5	1,709	1,520	6,333	2,396	16.5	82.0	81.7	85.2	84.7
V1111H	2,181	65.2	2,175	65.0	1,896	1,689	7,037	2,656	18.3	82.1	81.9	85.3	84.9
V1112H	2,373	70.9	2,370	70.8	2,064	1,840	7,668	2,887	19.8	82.2	82.1	85.4	85.1
V1113H	2,552	76.2	2,546	76.1	2,219	1,977	8,236	3,103	21.3	82.2	82.0	85.4	85.0
V1114H	2,790	83.3	2,781	83.1	2,426	2,159	8,997	3,392	23.3	82.3	82.0	85.4	84.9
V1115H	3,028	90.5	3,015	90.1	2,633	2,341	9,754	3,680	25.3	82.3	81.9	85.4	84.8
V1116H	3,208	95.8	3,191	95.3	2,789	2,477	10,323	3,897	26.8	82.3	81.9	85.4	84.7
V1117H	3,447	103.0	3,425	102.3	2,997	2,659	11,081	4,186	28.8	82.3	81.8	85.4	84.6
V1118H	3,685	110.1	3,659	109.3	3,204	2,840	11,835	4,474	30.8	82.4	81.8	85.4	84.5
V1119H	3,865	115.5	3,833	114.5	3,361	2,976	12,401	4,691	32.3	82.4	81.7	85.4	84.4
V1120H	4,104	122.6	4,066	121.5	3,568	3,157	13,154	4,979	34.3	82.4	81.7	85.4	84.3
V1121H	4,343	129.7	4,299	128.4	3,777	3,338	13,908	5,268	36.3	82.4	81.6	85.4	84.2
V1122H	4,524	135.1	4,473	133.6	3,934	3,473	14,471	5,485	37.8	82.5	81.6	85.4	84.1
V1123H	4,763	142.3	4,705	140.6	4,142	3,653	15,221	5,773	39.8	82.5	81.5	85.4	84.0

- Input ratings can be used for elevations up to 2,000 ft.
- Net AHRI ratings shown are based on piping and pick-up allowances which vary from 1.333 to 1.289 for steam and 1.15 for water. Consult AHRI CBLR Operations Manual for more information. Consult manufacturer for installations having unusual piping and pick-up requirements, such as intermittent system operation, extensive piping systems, etc.
- 805 & 806HE efficiency is AFUE

** Maximum allowable working pressure: 50 PSI Water only; 50 PSI Safety Relief Valve - Standard; 30 PSI Safety Relief Valve - Optional

Refer to the Burnham Commercial Sales Literature or our website (www.BurnhamCommercial.com) for more information on Burnham Commercial cast iron and condensing boilers, controls and optional equipment.



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P.O. Box 3939 • Lancaster, PA 17604 • Phone: 888-791-3790
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