

M2 HEATING PERFORMANCE DATA (MAXIMUM POWER INPUT AND CAPACITY OUTPUT)																		
Model	Series	Base btu	Heating															
			Indoor Temp DB		-13°F	-4°F	0°F	5°F	10°F	17°F	20°F	25°F	32°F	35°F	40°F	47°F	50°F	57°F
BMM18C	M2	18000	70°F	Capacity	9340	10370	10860	11280	13540	15430	16010	16620	17190	17820	20620	23600	24160	24780
				% of base btu	51.89%	57.61%	60.33%	62.67%	75.22%	85.72%	88.94%	92.33%	95.50%	99.00%	114.56%	131.11%	134.22%	137.67%
				COP	1.39	1.63	1.75	1.86	2.13	2.36	2.54	2.71	2.88	3.04	3.27	3.53	3.73	3.90
				Input (watts)	1970	1870	1820	1780	1860	1920	1850	1800	1750	1720	1850	1960	1900	1860
BMM27C	M2	27000	70°F	Capacity	14640	16270	16930	17680	19120	20640	21600	22520	23490	24380	30080	35240	36110	37000
				% of base btu	54.22%	60.26%	62.70%	65.48%	70.81%	76.44%	80.00%	83.41%	87.00%	90.30%	111.41%	130.52%	133.74%	137.04%
				COP	1.45	1.69	1.82	1.93	2.08	2.22	2.38	2.53	2.68	2.86	3.08	3.26	3.41	3.60
				Input (watts)	2960	2820	2730	2690	2690	2730	2660	2610	2570	2500	2860	3170	3100	3010
BMM36C	M2	36000	70°F	Capacity	20420	22690	23610	24670	27320	29810	31070	32290	33520	34700	40880	46700	47960	49030
				% of base btu	56.72%	63.03%	65.58%	68.53%	75.89%	82.81%	86.31%	89.69%	93.11%	96.39%	113.56%	129.72%	133.22%	136.19%
				COP	1.33	1.55	1.66	1.77	1.97	2.18	2.35	2.51	2.68	2.84	2.95	3.06	3.22	3.39
				Input (watts)	4500	4280	4160	4080	4070	4010	3880	3770	3660	3580	4060	4470	4360	4240
BMM48C	M2	48000	70°F	Capacity	21610	23450	25410	27040	29680	32900	34120	35330	36600	37990	44590	51880	53110	54470
				% of base btu	45.02%	48.85%	52.94%	56.33%	61.83%	68.54%	71.08%	73.60%	76.25%	79.15%	92.90%	108.08%	110.65%	113.48%
				COP	1.18	1.34	1.49	1.63	1.80	1.99	2.17	2.34	2.52	2.69	2.92	3.14	3.30	3.47
				Input (watts)	5370	5110	5010	4870	4830	4850	4610	4430	4260	4140	4480	4840	4720	4600
BMM55C	M2	55000	70°F	Capacity	22382	27978	29470	31086	32218	33263	35756	38248	40865	43233	54196	63166	64887	66324
				% of base btu	40.69%	50.87%	53.58%	56.52%	58.58%	60.48%	65.01%	69.54%	74.30%	78.61%	98.54%	114.85%	117.98%	120.59%
				COP	1.12	1.48	1.60	1.78	1.89	1.99	2.17	2.36	2.53	2.72	2.97	3.28	3.45	3.63
				Input (watts)	5875	5537	5391	5120	4989	4897	4822	4749	4727	4660	5342	5638	5507	5356

M2 COOLING PERFORMANCE DATA (MAXIMUM POWER INPUT AND CAPACITY OUTPUT)																			
Model	Series	Base btu	Cooling		5°F	17°F	25°F	35°F	47°F	55°F	65°F	75°F	80°F	85°F	95°F	105°F	110°F	115°F	122°F
			Indoor Temp	DB															
BMM18C	M2	18000	75°F	Capacity	22140	22810	22910	23210	22510	22610	22630	22240	22390	22150	22170	21090	20280	19340	17540
				% of base btu	123.00%	126.72%	127.28%	128.94%	125.06%	125.61%	125.72%	123.56%	124.39%	123.06%	123.17%	117.17%	112.67%	107.44%	97.44%
				COP	4.03	3.98	3.90	3.80	3.64	3.60	3.51	3.50	3.42	3.35	3.23	3.03	2.89	2.51	2.12
				Input (watts)	1610	1680	1720	1790	1810	1840	1890	1860	1920	1940	2010	2040	2060	2260	2430
BMM27C	M2	27000	75°F	Capacity	29270	30650	31250	32270	33920	34280	34680	34590	35290	32910	30320	29470	28060	26240	24090
				% of base btu	108.41%	113.52%	115.74%	119.52%	125.63%	126.96%	128.44%	128.11%	130.70%	121.89%	112.30%	109.15%	103.93%	97.19%	89.22%
				COP	4.25	4.08	4.07	4.09	3.88	3.79	3.71	3.73	3.60	3.17	2.74	2.56	2.44	2.14	1.88
				Input (watts)	2020	2200	2250	2310	2560	2650	2740	2720	2870	3040	3240	3380	3370	3590	3760
BMM36C	M2	36000	75°F	Capacity	42040	42310	44000	45380	44890	44890	44430	43910	44090	41580	38190	36570	34570	32300	28830
				% of base btu	116.78%	117.53%	122.22%	126.06%	124.69%	124.69%	123.42%	121.97%	122.47%	115.50%	106.08%	101.58%	96.03%	89.72%	80.08%
				COP	4.28	4.13	4.16	4.17	4.00	3.87	3.72	3.64	3.49	3.10	2.65	2.53	2.39	2.08	1.72
				Input (watts)	2880	3000	3100	3190	3290	3400	3500	3540	3700	3930	4220	4240	4240	4560	4920
BMM48C	M2	48000	75°F	Capacity	50340	51700	54030	57320	58600	58960	58140	58560	58170	54070	49290	46510	44380	42040	39090
				% of base btu	104.88%	107.71%	112.56%	119.42%	122.08%	122.83%	121.13%	122.00%	121.19%	112.65%	102.69%	96.90%	92.46%	87.58%	81.44%
				COP	4.55	4.59	4.63	4.76	4.68	4.42	4.23	4.08	3.91	3.31	2.84	2.70	2.55	2.24	1.89
				Input (watts)	3240	3300	3420	3530	3670	3910	4030	4210	4360	4790	5080	5050	5110	5510	6070
BMM55C	M2	55000	75°F	Capacity	57025	56512	57918	58526	63982	64652	64990	65392	64966	59019	53563	51507	48822	44586	39918
				% of base btu	103.68%	102.75%	105.31%	106.41%	116.33%	117.55%	118.16%	118.89%	118.12%	107.31%	97.39%	93.65%	88.77%	81.07%	72.58%
				COP	4.33	4.08	4.07	4.01	3.95	3.91	3.85	3.80	3.69	3.09	2.71	2.62	2.52	2.23	1.98
				Input (watts)	3861	4059	4167	4274	4750	4843	4944	5046	5157	5597	5790	5769	5674	5847	5897