

BLUERIDGE BMKH2420FCC MAXIMUM HEATING AND COOLING PERFORMANCE

COOLING PERFORMANCE

Outdoor Ambient Temperature (DB)		Return Air Temperature								
		70°F (DB) / 59°F (WB)			75°F (DB) / 63°F (WB)			80°F (DB) / 67°F (WB)		
		TC (Btu/h)	EER	Power Input (W)	TC (Btu/h)	EER(Btu/(h·W))	Power Input (W)	TC (Btu/h)	EER(Btu/(h·W))	Power Input (W)
MAX OUTPUT	-20°F	11761	8.36	1407	12601	8.67	1454	13021	8.54	1524
	-15°F	12289	8.47	1451	13122	8.59	1528	13538	8.42	1608
	-10°F	12741	8.77	1453	13570	8.87	1530	13984	8.5	1610
	-5°F	13697	9.39	1459	14553	9.47	1536	14981	8.47	1617
	0°F	14387	9.83	1463	15272	9.91	1540	15715	8.52	1621
	5°F	15197	9.94	1529	16118	10.02	1609	16578	9.79	1694
	10°F	16312	10.63	1534	17278	10.7	1615	17762	10.45	1700
	15°F	16664	10.75	1551	17630	10.8	1632	18113	10.54	1718
	20°F	17010	10.58	1607	17982	10.63	1692	18468	10.37	1781
	25°F	17268	10.54	1638	18241	10.58	1724	18727	10.32	1815
	30°F	17570	10.44	1683	18526	10.46	1772	19005	10.19	1865
	35°F	17926	10.52	1704	18869	10.52	1793	19341	10.25	1888
	40°F	19661	11.25	1747	20676	11.24	1839	21183	10.94	1936
	45°F	20503	11.35	1807	21541	11.32	1902	22060	11.02	2002
	50°F	21446	11.55	1856	22499	11.51	1954	23025	11.19	2057
	55°F	21946	11.59	1893	22991	11.54	1993	23513	11.21	2098
	60°F	22680	11.8	1922	23729	11.73	2023	24253	11.39	2130
	65°F	22975	11.68	1967	24007	11.59	2071	24524	11.25	2180
	70°F	23648	11.9	1987	24665	11.79	2092	25174	11.43	2202
	75°F	24391	12.14	2009	25397	12.01	2115	25900	12.44	2226
	80°F	24634	11.66	2113	25635	11.53	2224	26135	13.04	2341
	85°F	25329	11.7	2165	26342	11.56	2279	26849	13.42	2399
	90°F	25781	11.61	2220	26844	11.49	2337	27375	11.82	2460
	95°F	26442	11.65	2271	27567	11.53	2390	28130	11.37	2516
	100°F	26325	11.34	2321	27476	11.24	2443	28051	11.35	2572
	105°F	25597	10.75	2381	26748	10.67	2506	27323	10.36	2638
	110°F	25448	10.48	2428	26611	10.41	2556	27193	9.75	2690
	115°F	23819	9.74	2446	24927	9.68	2575	25481	9.08	2710
	120°F	22263	9.2	2420	23343	8.99	2595	23883	9.23	2732
	122°F	20829	8.67	2403	21884	8.34	2625	22411	8.52	2763

HEATING PERFORMANCE

Outdoor Ambient Temperature		Return Air Temperature								
		70°F (DB)			75°F (DB)			80°F (DB)		
		TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
MAX OUTPUT	DB	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)	TC (Btu/h)	COP(W/W)	Power Input (W)
	-22°F	15311	1.96	2292	14852	1.82	2385	14622	1.76	2433
	-20°F	15612	1.97	2322	15144	1.84	2417	14909	1.77	2465
	-15°F	16250	2.04	2338	15763	1.9	2434	15519	1.83	2483
	-10°F	16842	2.08	2376	16337	1.94	2473	16084	1.87	2522
	-5°F	17909	2.2	2386	17371	2.05	2484	17103	1.98	2533
	0°F	17960	2.16	2435	17421	2.01	2534	17152	1.94	2585
	5°F	19225	2.27	2485	18648	2.11	2586	18360	2.04	2638
	10°F	20768	2.4	2535	20145	2.24	2639	19834	2.16	2692
	15°F	21989	2.49	2587	21330	2.32	2693	21000	2.24	2746
	17°F	22103	2.47	2621	21440	2.3	2728	21108	2.22	2783
	20°F	22205	2.47	2640	21538	2.3	2748	21205	2.22	2803
	25°F	23521	2.56	2694	22815	2.39	2804	22463	2.3	2860
	30°F	24174	2.58	2749	23449	2.4	2861	23086	2.32	2918
	35°F	25842	2.72	2785	25067	2.53	2899	24679	2.45	2957
	40°F	27496	2.87	2805	26671	2.68	2919	26258	2.58	2978
	45°F	30491	3.12	2862	30546	3.01	2979	30074	2.9	3038
	47°F	30708	3.08	2920	30189	2.91	3040	29807	2.82	3100
	50°F	32059	3.17	2965	31467	2.99	3086	30812	2.87	3148
	55°F	32486	3.17	3008	32481	3.04	3131	31979	2.93	3193
	60°F	33817	3.09	3210	33743	3.07	3225	33205	2.96	3289
	65°F	34712	3.07	3312	34641	3.06	3321	34105	2.95	3388
	70°F	33907	3.1	3210	32890	2.82	3421	32381	2.72	3490
	75°F	32802	3.05	3154	31818	2.65	3524	31326	2.55	3594
	80°F	30128	3.02	2921	29225	2.36	3629	28773	2.28	3702
	86°F	29891	3.02	2902	28994	2.36	3606	28546	2.27	3678

*Maximum Output values are not based on AHRI test conditions