

Marvair Model VACSA36HP (Indoor Air = 1200 CFM) Full Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,915	12.44	2,887	25,481	27,608	29,734	31,860	33,986	35,915	35,915	35,915
63	37,333	12.54	2,978	23,326	25,452	27,578	29,704	31,830	33,956	36,082	37,333
65	38,717	12.62	3,069	21,120	23,246	25,372	27,498	29,624	31,750	33,876	36,002
67	40,136	12.70	3,160	18,890	21,017	23,143	25,269	27,395	29,521	31,647	33,773
69	41,555	12.78	3,251	16,626	18,752	20,878	23,004	25,130	27,256	29,382	31,508
71	42,939	12.85	3,342	14,314	16,440	18,566	20,692	22,818	24,944	27,070	29,196
73	44,357	12.92	3,433	n/a	14,106	16,232	18,358	20,484	22,610	24,736	26,863

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	34,669	11.53	3,007	24,963	27,089	29,215	31,341	33,467	34,669	34,669	34,669
63	36,053	11.64	3,098	22,811	24,937	27,063	29,189	31,315	33,441	35,567	36,053
65	37,403	11.73	3,189	20,608	22,734	24,860	26,986	29,112	31,238	33,365	35,491
67	38,752	11.82	3,280	18,371	20,497	22,623	24,749	26,875	29,001	31,127	33,253
69	40,101	11.90	3,371	16,100	18,226	20,352	22,478	24,604	26,730	28,856	30,982
71	41,451	11.97	3,462	13,796	15,922	18,048	20,174	22,300	24,426	26,552	28,678
73	42,835	12.06	3,553	n/a	13,597	15,723	17,849	19,975	22,101	24,227	26,353

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	33,458	10.70	3,127	24,462	26,588	28,714	30,840	32,966	33,458	33,458	33,458
63	34,738	10.80	3,218	22,285	24,411	26,537	28,663	30,789	32,915	34,738	34,738
65	36,053	10.90	3,309	20,087	22,213	24,339	26,465	28,591	30,717	32,843	34,969
67	37,368	10.99	3,400	17,855	19,981	22,107	24,234	26,360	28,486	30,612	32,738
69	38,683	11.08	3,491	15,591	17,717	19,843	21,969	24,095	26,221	28,347	30,473
71	39,998	11.17	3,582	13,293	15,419	17,545	19,671	21,797	23,923	26,049	28,176
73	41,278	11.24	3,673	n/a	13,079	15,205	17,331	19,457	21,583	23,709	25,835

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	32,213	9.92	3,247	23,950	26,076	28,202	30,328	32,213	32,213	32,213	32,213
63	33,458	10.02	3,338	21,776	23,902	26,028	28,154	30,280	32,406	33,458	33,458
65	34,738	10.13	3,429	19,583	21,709	23,835	25,961	28,087	30,213	32,339	34,465
67	35,984	10.22	3,520	17,343	19,469	21,595	23,721	25,847	27,973	30,099	32,225
69	37,230	10.31	3,611	15,072	17,198	19,324	21,450	23,576	25,702	27,829	29,955
71	38,510	10.40	3,702	12,783	14,909	17,035	19,161	21,287	23,413	25,539	27,665
73	39,755	10.48	3,793	n/a	12,577	14,703	16,829	18,955	21,081	23,207	25,333

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	30,967	9.20	3,367	23,441	25,567	27,693	29,819	30,967	30,967	30,967	30,967
63	32,178	9.31	3,458	21,271	23,397	25,523	27,649	29,775	31,901	32,178	32,178
65	33,389	9.41	3,549	19,068	21,194	23,321	25,447	27,573	29,699	31,825	33,389
67	34,600	9.51	3,640	16,835	18,961	21,087	23,213	25,339	27,465	29,591	31,717
69	35,811	9.60	3,731	14,570	16,696	18,822	20,948	23,074	25,200	27,326	29,452
71	37,022	9.69	3,822	12,276	14,402	16,528	18,654	20,780	22,906	25,032	27,158
73	38,233	9.77	3,913	n/a	12,078	14,204	16,330	18,456	20,582	22,708	24,834

Marvair Model VACSA36HP (Indoor Air = 1200 CFM) Full Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	29,721	8.52	3,487	22,936	25,062	27,188	29,314	29,721	29,721	29,721	29,721
63	30,898	8.64	3,578	20,769	22,895	25,021	27,147	29,273	30,898	30,898	30,898
65	32,040	8.73	3,669	18,558	20,684	22,810	24,936	27,062	29,188	31,314	32,040
67	33,216	8.83	3,760	16,329	18,455	20,581	22,707	24,833	26,959	29,086	31,212
69	34,392	8.93	3,851	14,071	16,197	18,323	20,449	22,575	24,701	26,827	28,953
71	35,534	9.01	3,942	11,772	13,898	16,024	18,150	20,276	22,402	24,528	26,654
73	36,711	9.10	4,033	n/a	11,583	13,709	15,835	17,961	20,087	22,213	24,339

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	28,476	7.89	3,607	22,434	24,560	26,686	28,476	28,476	28,476	28,476	28,476
63	29,618	8.01	3,698	20,270	22,396	24,522	26,648	28,774	29,618	29,618	29,618
65	30,725	8.11	3,789	18,063	20,189	22,315	24,441	26,568	28,694	30,725	30,725
67	31,832	8.20	3,880	15,828	17,954	20,080	22,206	24,332	26,458	28,584	30,710
69	32,939	8.29	3,971	13,564	15,690	17,816	19,942	22,068	24,194	26,320	28,446
71	34,046	8.38	4,062	11,272	13,398	15,524	17,650	19,776	21,902	24,028	26,154
73	35,188	8.47	4,153	n/a	11,091	13,218	15,344	17,470	19,596	21,722	23,848

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	27,265	7.31	3,727	21,949	24,075	26,201	27,265	27,265	27,265	27,265	27,265
63	28,303	7.41	3,818	19,762	21,888	24,014	26,140	28,266	28,303	28,303	28,303
65	29,375	7.51	3,909	17,559	19,685	21,811	23,938	26,064	28,190	29,375	29,375
67	30,448	7.61	4,000	15,329	17,455	19,581	21,707	23,833	25,959	28,085	30,211
69	31,521	7.70	4,091	13,072	15,198	17,324	19,450	21,576	23,702	25,828	27,954
71	32,593	7.79	4,182	10,787	12,913	15,039	17,165	19,291	21,418	23,544	25,670
73	33,631	7.87	4,273	n/a	10,592	12,718	14,844	16,970	19,096	21,222	23,348

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	26,642	6.92	3,847	21,701	23,827	25,953	26,642	26,642	26,642	26,642	26,642
63	27,680	7.03	3,938	19,522	21,648	23,774	25,900	27,680	27,680	27,680	27,680
65	28,718	7.13	4,029	17,315	19,441	21,567	23,693	25,819	27,945	28,718	28,718
67	29,756	7.22	4,120	15,081	17,207	19,333	21,459	23,585	25,711	27,837	29,756
69	30,794	7.31	4,211	12,821	14,947	17,073	19,199	21,325	23,451	25,577	27,703
71	31,832	7.40	4,302	10,535	12,661	14,787	16,913	19,039	21,165	23,291	25,417
73	32,870	7.48	4,393	n/a	10,349	12,475	14,602	16,728	18,854	20,980	23,106

Marvair Model VACSA36HP (Indoor Air = 1200 CFM) Modulated Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	25,535	12.78	1,998	21,261	23,387	25,513	25,535	25,535	25,535	25,535	25,535
63	26,543	12.88	2,061	19,086	21,212	23,338	25,464	26,543	26,543	26,543	26,543
65	27,527	12.96	2,124	16,875	19,001	21,127	23,253	25,379	27,505	27,527	27,527
67	28,536	13.05	2,187	14,646	16,772	18,898	21,024	23,150	25,276	27,402	28,536
69	29,545	13.13	2,250	12,392	14,518	16,644	18,770	20,896	23,022	25,148	27,274
71	30,529	13.20	2,313	10,104	12,230	14,356	16,482	18,608	20,734	22,860	24,986
73	31,537	13.27	2,376	n/a	9,926	12,052	14,178	16,304	18,431	20,557	22,683

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	24,649	11.84	2,082	20,912	23,038	24,649	24,649	24,649	24,649	24,649	24,649
63	25,633	11.95	2,145	18,739	20,865	22,991	25,117	25,633	25,633	25,633	25,633
65	26,593	12.05	2,208	16,531	18,657	20,783	22,909	25,035	26,593	26,593	26,593
67	27,552	12.13	2,271	14,297	16,423	18,549	20,675	22,801	24,927	27,053	27,552
69	28,511	12.22	2,334	12,039	14,165	16,291	18,417	20,543	22,669	24,795	26,921
71	29,471	12.30	2,397	9,757	11,883	14,009	16,135	18,261	20,387	22,513	24,639
73	30,455	12.38	2,460	n/a	9,585	11,711	13,837	15,963	18,089	20,215	22,341

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	23,788	10.99	2,165	20,573	22,699	23,788	23,788	23,788	23,788	23,788	23,788
63	24,698	11.09	2,228	18,384	20,510	22,636	24,698	24,698	24,698	24,698	24,698
65	25,633	11.19	2,291	16,179	18,305	20,432	22,558	24,684	25,633	25,633	25,633
67	26,568	11.29	2,354	13,950	16,076	18,202	20,328	22,454	24,580	26,568	26,568
69	27,503	11.38	2,417	11,696	13,822	15,948	18,074	20,200	22,326	24,452	26,578
71	28,438	11.47	2,480	9,419	11,545	13,671	15,797	17,923	20,049	22,175	24,301
73	29,348	11.54	2,543	n/a	9,237	11,363	13,489	15,615	17,741	19,867	21,993

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	22,903	10.19	2,248	20,227	22,353	22,903	22,903	22,903	22,903	22,903	22,903
63	23,788	10.29	2,311	18,040	20,166	22,292	23,788	23,788	23,788	23,788	23,788
65	24,698	10.40	2,374	15,839	17,965	20,091	22,217	24,343	24,698	24,698	24,698
67	25,584	10.50	2,437	13,604	15,730	17,856	19,982	22,108	24,234	25,584	25,584
69	26,470	10.59	2,500	11,347	13,473	15,599	17,725	19,851	21,977	24,103	26,229
71	27,380	10.68	2,563	9,075	11,201	13,327	15,453	17,579	19,705	21,831	23,957
73	28,265	10.76	2,626	n/a	8,899	11,025	13,151	15,277	17,403	19,529	21,655

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	22,017	9.45	2,331	19,882	22,008	22,017	22,017	22,017	22,017	22,017	22,017
63	22,878	9.56	2,394	17,698	19,824	21,950	22,878	22,878	22,878	22,878	22,878
65	23,739	9.66	2,457	15,491	17,617	19,743	21,869	23,739	23,739	23,739	23,739
67	24,600	9.76	2,520	13,260	15,386	17,512	19,638	21,764	23,890	24,600	24,600
69	25,461	9.86	2,583	11,007	13,133	15,259	17,385	19,511	21,637	23,763	25,461
71	26,322	9.95	2,646	8,732	10,858	12,985	15,111	17,237	19,363	21,489	23,615
73	27,183	10.03	2,709	n/a	8,562	10,688	12,814	14,940	17,066	19,192	21,318

Marvair Model VACSA36HP (Indoor Air = 1200 CFM) Modulated Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)								
				Indoor Dry Bulb (°F)								
				72	74	76	78	80	82	84	86	
61	21,131	8.75	2,414	19,538	21,131	21,131	21,131	21,131	21,131	21,131	21,131	21,131
63	21,968	8.87	2,477	17,357	19,483	21,609	21,968	21,968	21,968	21,968	21,968	21,968
65	22,780	8.97	2,540	15,144	17,270	19,396	21,522	22,780	22,780	22,780	22,780	22,780
67	23,616	9.07	2,603	12,918	15,044	17,170	19,296	21,422	23,548	23,616	23,616	23,616
69	24,452	9.17	2,666	10,669	12,795	14,922	17,048	19,174	21,300	23,426	24,452	24,452
71	25,264	9.26	2,729	8,392	10,518	12,644	14,770	16,896	19,022	21,148	23,274	23,274
73	26,101	9.35	2,792	n/a	8,227	10,353	12,479	14,605	16,732	18,858	20,984	20,984

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)								
				Indoor Dry Bulb (°F)								
				72	74	76	78	80	82	84	86	
61	20,246	8.11	2,497	19,196	20,246	20,246	20,246	20,246	20,246	20,246	20,246	20,246
63	21,058	8.22	2,560	17,018	19,144	21,058	21,058	21,058	21,058	21,058	21,058	21,058
65	21,845	8.33	2,623	14,808	16,934	19,060	21,186	21,845	21,845	21,845	21,845	21,845
67	22,632	8.42	2,686	12,577	14,703	16,829	18,955	21,081	22,632	22,632	22,632	22,632
69	23,419	8.52	2,749	10,325	12,451	14,577	16,703	18,829	20,955	23,081	23,419	23,419
71	24,206	8.61	2,812	8,053	10,179	12,305	14,431	16,557	18,683	20,809	22,935	22,935
73	25,018	8.70	2,875	n/a	7,894	10,020	12,146	14,272	16,398	18,524	20,650	20,650

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)								
				Indoor Dry Bulb (°F)								
				72	74	76	78	80	82	84	86	
61	19,385	7.51	2,580	18,866	19,385	19,385	19,385	19,385	19,385	19,385	19,385	19,385
63	20,123	7.61	2,643	16,671	18,797	20,123	20,123	20,123	20,123	20,123	20,123	20,123
65	20,885	7.72	2,706	14,465	16,591	18,717	20,843	20,885	20,885	20,885	20,885	20,885
67	21,648	7.82	2,769	12,238	14,364	16,490	18,616	20,742	21,648	21,648	21,648	21,648
69	22,411	7.91	2,832	9,990	12,116	14,242	16,368	18,495	20,621	22,411	22,411	22,411
71	23,173	8.00	2,895	7,723	9,849	11,975	14,101	16,227	18,353	20,479	22,605	22,605
73	23,911	8.08	2,958	n/a	7,555	9,681	11,807	13,933	16,059	18,185	20,311	20,311

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)								
				Indoor Dry Bulb (°F)								
				72	74	76	78	80	82	84	86	
61	18,942	7.11	2,664	18,696	18,942	18,942	18,942	18,942	18,942	18,942	18,942	18,942
63	19,680	7.22	2,727	16,507	18,634	19,680	19,680	19,680	19,680	19,680	19,680	19,680
65	20,418	7.32	2,790	14,298	16,424	18,550	20,418	20,418	20,418	20,418	20,418	20,418
67	21,156	7.42	2,853	12,069	14,195	16,321	18,447	20,573	21,156	21,156	21,156	21,156
69	21,894	7.51	2,916	9,820	11,946	14,072	16,198	18,324	20,450	21,894	21,894	21,894
71	22,632	7.60	2,979	7,551	9,677	11,803	13,929	16,055	18,181	20,307	22,433	22,433
73	23,370	7.68	3,042	n/a	7,390	9,516	11,642	13,768	15,894	18,020	20,146	20,146

Marvair Model VACSA40HP (Indoor Air = 1300 CFM) Full Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	39,963	11.98	3,335	27,120	29,255	31,389	33,524	35,659	37,793	39,928	39,963
63	41,542	12.08	3,440	24,956	27,091	29,225	31,360	33,495	35,629	37,764	39,899
65	43,082	12.15	3,545	22,735	24,870	27,004	29,139	31,274	33,408	35,543	37,678
67	44,660	12.24	3,650	20,489	22,623	24,758	26,893	29,027	31,162	33,297	35,431
69	46,239	12.31	3,755	18,203	20,337	22,472	24,607	26,741	28,876	31,011	33,145
71	47,779	12.38	3,860	15,864	17,999	20,133	22,268	24,403	26,538	28,672	30,807
73	49,357	12.45	3,965	n/a	15,637	17,771	19,906	22,041	24,175	26,310	28,445

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	38,577	11.11	3,473	26,540	28,675	30,809	32,944	35,079	37,213	38,577	38,577
63	40,117	11.21	3,578	24,379	26,514	28,649	30,783	32,918	35,053	37,187	39,322
65	41,619	11.30	3,684	22,163	24,298	26,432	28,567	30,702	32,836	34,971	37,106
67	43,120	11.38	3,789	19,908	22,042	24,177	26,312	28,446	30,581	32,716	34,850
69	44,622	11.46	3,894	17,615	19,749	21,884	24,019	26,153	28,288	30,423	32,557
71	46,123	11.53	3,999	15,285	17,419	19,554	21,689	23,823	25,958	28,093	30,227
73	47,663	11.61	4,104	n/a	15,066	17,201	19,336	21,471	23,605	25,740	27,875

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	37,230	10.31	3,612	25,980	28,115	30,249	32,384	34,519	36,653	37,230	37,230
63	38,654	10.40	3,717	23,791	25,926	28,061	30,195	32,330	34,465	36,599	38,654
65	40,117	10.50	3,822	21,580	23,715	25,849	27,984	30,119	32,253	34,388	36,523
67	41,580	10.59	3,927	19,331	21,466	23,600	25,735	27,870	30,004	32,139	34,274
69	43,043	10.67	4,033	17,045	19,179	21,314	23,449	25,583	27,718	29,853	31,987
71	44,506	10.76	4,138	14,723	16,857	18,992	21,127	23,261	25,396	27,531	29,665
73	45,931	10.83	4,243	n/a	14,488	16,622	18,757	20,892	23,026	25,161	27,296

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,844	9.56	3,751	25,408	27,542	29,677	31,812	33,946	35,844	35,844	35,844
63	37,230	9.65	3,856	23,223	25,357	27,492	29,627	31,761	33,896	36,031	37,230
65	38,654	9.76	3,961	21,016	23,151	25,285	27,420	29,555	31,689	33,824	35,959
67	40,040	9.85	4,066	18,758	20,893	23,027	25,162	27,297	29,431	31,566	33,701
69	41,426	9.93	4,171	16,465	18,600	20,735	22,869	25,004	27,139	29,273	31,408
71	42,851	10.02	4,276	14,152	16,286	18,421	20,556	22,690	24,825	26,960	29,094
73	44,237	10.10	4,382	n/a	13,926	16,061	18,195	20,330	22,465	24,599	26,734

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	34,458	8.86	3,890	24,839	26,974	29,108	31,243	33,378	34,458	34,458	34,458
63	35,805	8.96	3,995	22,658	24,793	26,927	29,062	31,197	33,331	35,466	35,805
65	37,153	9.06	4,100	20,441	22,576	24,710	26,845	28,980	31,114	33,249	35,384
67	38,500	9.16	4,205	18,189	20,324	22,459	24,593	26,728	28,863	30,997	33,132
69	39,848	9.25	4,310	15,904	18,038	20,173	22,308	24,442	26,577	28,712	30,846
71	41,195	9.33	4,415	13,585	15,719	17,854	19,989	22,123	24,258	26,393	28,527
73	42,543	9.41	4,520	n/a	13,368	15,503	17,637	19,772	21,907	24,042	26,176

Marvair Model VACSA40HP (Indoor Air = 1300 CFM) Full Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	33,072	8.21	4,028	24,274	26,409	28,544	30,678	32,813	33,072	33,072	33,072
63	34,381	8.32	4,134	22,097	24,232	26,366	28,501	30,636	32,770	34,381	34,381
65	35,651	8.41	4,239	19,870	22,005	24,140	26,274	28,409	30,544	32,678	34,813
67	36,960	8.51	4,344	17,625	19,759	21,894	24,029	26,163	28,298	30,433	32,567
69	38,269	8.60	4,449	15,346	17,481	19,615	21,750	23,885	26,019	28,154	30,289
71	39,540	8.68	4,554	13,022	15,156	17,291	19,426	21,560	23,695	25,830	27,965
73	40,849	8.77	4,659	n/a	12,815	14,949	17,084	19,219	21,353	23,488	25,623

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	31,686	7.60	4,167	23,713	25,848	27,983	30,117	31,686	31,686	31,686	31,686
63	32,956	7.71	4,272	21,540	23,674	25,809	27,944	30,078	32,213	32,956	32,956
65	34,188	7.81	4,377	19,318	21,453	23,587	25,722	27,857	29,991	32,126	34,188
67	35,420	7.90	4,483	17,064	19,199	21,333	23,468	25,603	27,737	29,872	32,007
69	36,652	7.99	4,588	14,779	16,913	19,048	21,183	23,317	25,452	27,587	29,721
71	37,884	8.07	4,693	12,463	14,598	16,732	18,867	21,002	23,136	25,271	27,406
73	39,155	8.16	4,798	n/a	12,265	14,400	16,534	18,669	20,804	22,938	25,073

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	30,338	7.05	4,306	23,172	25,306	27,441	29,576	30,338	30,338	30,338	30,338
63	31,493	7.14	4,411	20,971	23,106	25,241	27,375	29,510	31,493	31,493	31,493
65	32,687	7.24	4,516	18,755	20,889	23,024	25,159	27,293	29,428	31,563	32,687
67	33,880	7.33	4,621	16,507	18,642	20,776	22,911	25,046	27,180	29,315	31,450
69	35,074	7.42	4,726	14,229	16,364	18,498	20,633	22,768	24,902	27,037	29,172
71	36,267	7.51	4,832	11,921	14,056	16,191	18,325	20,460	22,595	24,729	26,864
73	37,422	7.58	4,937	n/a	11,707	13,842	15,976	18,111	20,246	22,380	24,515

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	29,645	6.67	4,445	22,894	25,029	27,164	29,298	29,645	29,645	29,645	29,645
63	30,800	6.77	4,550	20,704	22,838	24,973	27,108	29,242	30,800	30,800	30,800
65	31,955	6.86	4,655	18,482	20,617	22,751	24,886	27,021	29,155	31,290	31,955
67	33,110	6.96	4,760	16,230	18,365	20,499	22,634	24,769	26,903	29,038	31,173
69	34,265	7.04	4,865	13,949	16,083	18,218	20,353	22,488	24,622	26,757	28,892
71	35,420	7.13	4,970	11,639	13,774	15,908	18,043	20,178	22,312	24,447	26,582
73	36,575	7.21	5,075	n/a	11,436	13,570	15,705	17,840	19,974	22,109	24,244

Marvair Model VACSA40HP (Indoor Air = 1300 CFM) Modulated Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	29,687	12.31	2,411	22,911	25,046	27,180	29,315	29,687	29,687	29,687	29,687
63	30,859	12.41	2,487	20,726	22,861	24,996	27,130	29,265	30,859	30,859	30,859
65	32,003	12.49	2,563	18,500	20,635	22,769	24,904	27,039	29,173	31,308	32,003
67	33,176	12.57	2,639	16,254	18,388	20,523	22,658	24,792	26,927	29,062	31,196
69	34,349	12.65	2,715	13,978	16,112	18,247	20,382	22,516	24,651	26,786	28,920
71	35,493	12.72	2,791	11,663	13,798	15,932	18,067	20,202	22,336	24,471	26,606
73	36,665	12.79	2,867	n/a	11,465	13,599	15,734	17,869	20,003	22,138	24,273

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	28,657	11.41	2,511	22,501	24,635	26,770	28,657	28,657	28,657	28,657	28,657
63	29,801	11.52	2,587	20,319	22,454	24,588	26,723	28,858	29,801	29,801	29,801
65	30,917	11.61	2,663	18,096	20,231	22,365	24,500	26,635	28,769	30,904	30,917
67	32,032	11.69	2,739	15,844	17,979	20,113	22,248	24,383	26,517	28,652	30,787
69	33,147	11.78	2,815	13,563	15,698	17,833	19,967	22,102	24,237	26,371	28,506
71	34,263	11.85	2,891	11,255	13,390	15,524	17,659	19,794	21,928	24,063	26,198
73	35,407	11.93	2,967	n/a	11,063	13,198	15,333	17,467	19,602	21,737	23,871

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	27,656	10.59	2,611	22,104	24,238	26,373	27,656	27,656	27,656	27,656	27,656
63	28,714	10.68	2,687	19,903	22,037	24,172	26,307	28,441	28,714	28,714	28,714
65	29,801	10.78	2,763	17,684	19,818	21,953	24,088	26,222	28,357	29,801	29,801
67	30,888	10.88	2,839	15,436	17,571	19,706	21,840	23,975	26,110	28,244	30,379
69	31,975	10.97	2,915	13,161	15,296	17,430	19,565	21,700	23,834	25,969	28,104
71	33,062	11.05	2,991	10,858	12,993	15,128	17,262	19,397	21,532	23,666	25,801
73	34,120	11.12	3,067	n/a	10,655	12,790	14,924	17,059	19,194	21,328	23,463

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	26,627	9.82	2,712	21,697	23,832	25,966	26,627	26,627	26,627	26,627	26,627
63	27,656	9.92	2,788	19,499	21,634	23,769	25,903	27,656	27,656	27,656	27,656
65	28,714	10.03	2,864	17,284	19,419	21,553	23,688	25,823	27,957	28,714	28,714
67	29,744	10.12	2,940	15,031	17,165	19,300	21,435	23,569	25,704	27,839	29,744
69	30,774	10.20	3,016	12,751	14,885	17,020	19,155	21,289	23,424	25,559	27,693
71	31,832	10.30	3,092	10,454	12,589	14,724	16,858	18,993	21,128	23,262	25,397
73	32,861	10.37	3,168	n/a	10,258	12,393	14,527	16,662	18,797	20,931	23,066

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	25,597	9.10	2,812	21,293	23,427	25,562	25,597	25,597	25,597	25,597	25,597
63	26,598	9.21	2,888	19,098	21,232	23,367	25,502	26,598	26,598	26,598	26,598
65	27,599	9.31	2,964	16,876	19,010	21,145	23,280	25,414	27,549	27,599	27,599
67	28,600	9.41	3,040	14,627	16,762	18,896	21,031	23,166	25,300	27,435	28,600
69	29,601	9.50	3,116	12,352	14,487	16,622	18,756	20,891	23,026	25,160	27,295
71	30,602	9.59	3,192	10,053	12,187	14,322	16,457	18,591	20,726	22,861	24,995
73	31,603	9.67	3,268	n/a	9,863	11,998	14,132	16,267	18,402	20,536	22,671

Marvair Model VACSA40HP (Indoor Air = 1300 CFM) Modulated Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	24,567	8.44	2,912	20,890	23,025	24,567	24,567	24,567	24,567	24,567	24,567
63	25,540	8.55	2,988	18,698	20,833	22,968	25,102	25,540	25,540	25,540	25,540
65	26,484	8.64	3,064	16,470	18,604	20,739	22,874	25,008	26,484	26,484	26,484
67	27,456	8.74	3,140	14,226	16,360	18,495	20,630	22,764	24,899	27,034	27,456
69	28,428	8.84	3,216	11,956	14,091	16,226	18,360	20,495	22,630	24,764	26,899
71	29,372	8.92	3,292	9,653	11,788	13,922	16,057	18,192	20,326	22,461	24,596
73	30,345	9.01	3,368	n/a	9,470	11,605	13,739	15,874	18,009	20,143	22,278

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	23,538	7.81	3,013	20,490	22,624	23,538	23,538	23,538	23,538	23,538	23,538
63	24,482	7.93	3,089	18,301	20,436	22,570	24,482	24,482	24,482	24,482	24,482
65	25,397	8.03	3,165	16,076	18,210	20,345	22,480	24,614	25,397	25,397	25,397
67	26,312	8.12	3,241	13,826	15,961	18,095	20,230	22,365	24,499	26,312	26,312
69	27,227	8.21	3,317	11,552	13,687	15,822	17,957	20,091	22,226	24,361	26,495
71	28,142	8.30	3,393	9,256	11,390	13,525	15,660	17,794	19,929	22,064	24,198
73	29,086	8.39	3,469	n/a	9,079	11,214	13,349	15,483	17,618	19,753	21,887

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	22,537	7.24	3,113	20,102	22,237	22,537	22,537	22,537	22,537	22,537	22,537
63	23,395	7.34	3,189	17,895	20,029	22,164	23,395	23,395	23,395	23,395	23,395
65	24,281	7.44	3,265	15,674	17,808	19,943	22,078	24,212	24,281	24,281	24,281
67	25,168	7.53	3,341	13,429	15,563	17,698	19,833	21,967	24,102	25,168	25,168
69	26,055	7.63	3,417	11,160	13,295	15,430	17,564	19,699	21,834	23,968	26,055
71	26,941	7.71	3,493	8,869	11,004	13,139	15,273	17,408	19,543	21,677	23,812
73	27,799	7.79	3,569	n/a	8,682	10,816	12,951	15,086	17,221	19,355	21,490

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	22,022	6.85	3,213	19,904	22,022	22,022	22,022	22,022	22,022	22,022	22,022
63	22,880	6.96	3,289	17,703	19,838	21,972	22,880	22,880	22,880	22,880	22,880
65	23,738	7.05	3,365	15,478	17,613	19,748	21,882	23,738	23,738	23,738	23,738
67	24,596	7.15	3,441	13,231	15,365	17,500	19,635	21,769	23,904	24,596	24,596
69	25,454	7.24	3,517	10,960	13,095	15,230	17,364	19,499	21,634	23,768	25,454
71	26,312	7.32	3,593	8,668	10,802	12,937	15,072	17,206	19,341	21,476	23,610
73	27,170	7.40	3,669	n/a	8,488	10,623	12,758	14,892	17,027	19,162	21,296

Marvair Model VACSA49HP (Indoor Air = 1740 CFM) Full Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	47,229	13.55	3,485	32,873	35,580	38,287	40,994	43,700	46,407	47,229	47,229
63	49,095	13.66	3,595	30,114	32,820	35,527	38,234	40,941	43,648	46,354	49,061
65	50,915	13.74	3,705	27,287	29,994	32,701	35,408	38,114	40,821	43,528	46,235
67	52,780	13.84	3,815	24,431	27,137	29,844	32,551	35,258	37,965	40,671	43,378
69	54,646	13.92	3,925	21,527	24,233	26,940	29,647	32,354	35,061	37,767	40,474
71	56,466	14.00	4,035	18,561	21,268	23,975	26,682	29,388	32,095	34,802	37,509
73	58,331	14.07	4,144	n/a	18,274	20,981	23,688	26,395	29,102	31,808	34,515

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	45,591	12.56	3,630	32,203	34,910	37,617	40,323	43,030	45,591	45,591	45,591
63	47,411	12.68	3,740	29,448	32,155	34,861	37,568	40,275	42,982	45,689	47,411
65	49,186	12.78	3,850	26,627	29,334	32,040	34,747	37,454	40,161	42,868	45,574
67	50,960	12.87	3,960	23,760	26,467	29,174	31,880	34,587	37,294	40,001	42,708
69	52,735	12.96	4,070	20,848	23,555	26,262	28,969	31,675	34,382	37,089	39,796
71	54,509	13.04	4,180	17,893	20,600	23,307	26,013	28,720	31,427	34,134	36,841
73	56,329	13.13	4,290	n/a	17,617	20,324	23,030	25,737	28,444	31,151	33,858

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	43,999	11.65	3,775	31,555	34,262	36,969	39,675	42,382	43,999	43,999	43,999
63	45,682	11.76	3,885	28,768	31,475	34,181	36,888	39,595	42,302	45,009	45,682
65	47,411	11.87	3,995	25,953	28,660	31,367	34,074	36,780	39,487	42,194	44,901
67	49,140	11.97	4,105	23,094	25,800	28,507	31,214	33,921	36,628	39,334	42,041
69	50,869	12.07	4,215	20,190	22,897	25,604	28,311	31,017	33,724	36,431	39,138
71	52,598	12.16	4,325	17,244	19,951	22,658	25,365	28,071	30,778	33,485	36,192
73	54,282	12.24	4,435	n/a	16,949	19,656	22,362	25,069	27,776	30,483	33,190

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	42,361	10.81	3,920	30,892	33,599	36,306	39,013	41,720	42,361	42,361	42,361
63	43,999	10.92	4,030	28,110	30,817	33,523	36,230	38,937	41,644	43,999	43,999
65	45,682	11.03	4,140	25,301	28,008	30,714	33,421	36,128	38,835	41,542	44,248
67	47,320	11.13	4,250	22,431	25,138	27,845	30,552	33,259	35,965	38,672	41,379
69	48,958	11.23	4,360	19,520	22,227	24,934	27,641	30,348	33,054	35,761	38,468
71	50,642	11.33	4,470	16,584	19,291	21,998	24,705	27,412	30,118	32,825	35,532
73	52,280	11.42	4,580	n/a	16,300	19,007	21,713	24,420	27,127	29,834	32,541

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	40,723	10.02	4,065	30,234	32,941	35,647	38,354	40,723	40,723	40,723	40,723
63	42,315	10.13	4,175	27,456	30,163	32,869	35,576	38,283	40,990	42,315	42,315
65	43,908	10.25	4,285	24,635	27,342	30,049	32,756	35,462	38,169	40,876	43,583
67	45,500	10.35	4,395	21,773	24,480	27,187	29,894	32,600	35,307	38,014	40,721
69	47,093	10.45	4,505	18,871	21,577	24,284	26,991	29,698	32,405	35,111	37,818
71	48,685	10.55	4,615	15,929	18,635	21,342	24,049	26,756	29,463	32,169	34,876
73	50,278	10.64	4,725	n/a	15,655	18,362	21,069	23,775	26,482	29,189	31,896

Marvair Model VACSA49HP (Indoor Air = 1740 CFM) Full Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	39,085	9.28	4,210	29,579	32,286	34,992	37,699	39,085	39,085	39,085	39,085
63	40,632	9.40	4,320	26,806	29,512	32,219	34,926	37,633	40,340	40,632	40,632
65	42,133	9.51	4,430	23,974	26,681	29,387	32,094	34,801	37,508	40,215	42,133
67	43,680	9.62	4,540	21,119	23,826	26,533	29,239	31,946	34,653	37,360	40,067
69	45,227	9.73	4,650	18,225	20,932	23,638	26,345	29,052	31,759	34,466	37,172
71	46,729	9.82	4,760	15,277	17,984	20,691	23,397	26,104	28,811	31,518	34,225
73	48,276	9.91	4,870	n/a	15,014	17,721	20,428	23,135	25,842	28,548	31,255

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	37,447	8.60	4,355	28,928	31,635	34,341	37,048	37,447	37,447	37,447	37,447
63	38,948	8.72	4,465	26,159	28,866	31,573	34,279	36,986	38,948	38,948	38,948
65	40,404	8.83	4,575	23,333	26,040	28,747	31,454	34,160	36,867	39,574	40,404
67	41,860	8.93	4,685	20,469	23,176	25,883	28,589	31,296	34,003	36,710	39,417
69	43,316	9.03	4,795	17,568	20,274	22,981	25,688	28,395	31,102	33,808	36,515
71	44,772	9.13	4,905	14,630	17,336	20,043	22,750	25,457	28,164	30,870	33,577
73	46,274	9.23	5,015	n/a	14,378	17,085	19,791	22,498	25,205	27,912	30,619

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,854	7.97	4,500	28,298	31,005	33,712	35,854	35,854	35,854	35,854	35,854
63	37,219	8.07	4,610	25,499	28,206	30,913	33,620	36,326	37,219	37,219	37,219
65	38,630	8.18	4,720	22,680	25,386	28,093	30,800	33,507	36,214	38,630	38,630
67	40,040	8.29	4,830	19,823	22,530	25,236	27,943	30,650	33,357	36,064	38,770
69	41,451	8.39	4,940	16,930	19,637	22,343	25,050	27,757	30,464	33,171	35,877
71	42,861	8.49	5,050	14,001	16,708	19,415	22,122	24,828	27,535	30,242	32,949
73	44,226	8.57	5,160	n/a	13,731	16,438	19,144	21,851	24,558	27,265	29,972

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,035	7.54	4,646	27,976	30,683	33,390	35,035	35,035	35,035	35,035	35,035
63	36,400	7.65	4,755	25,188	27,895	30,602	33,308	36,015	36,400	36,400	36,400
65	37,765	7.76	4,865	22,363	25,069	27,776	30,483	33,190	35,897	37,765	37,765
67	39,130	7.87	4,975	19,501	22,208	24,915	27,622	30,328	33,035	35,742	38,449
69	40,495	7.96	5,085	16,605	19,311	22,018	24,725	27,432	30,139	32,845	35,552
71	41,860	8.06	5,195	13,674	16,380	19,087	21,794	24,501	27,208	29,914	32,621
73	43,225	8.15	5,305	n/a	13,416	16,123	18,830	21,537	24,243	26,950	29,657

Marvair Model VACSA49HP (Indoor Air = 1740 CFM) Modulated Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,292	13.23	2,668	28,077	30,784	33,491	35,292	35,292	35,292	35,292	35,292
63	36,686	13.33	2,753	25,297	28,003	30,710	33,417	36,124	36,686	36,686	36,686
65	38,046	13.41	2,837	22,466	25,172	27,879	30,586	33,293	36,000	38,046	38,046
67	39,440	13.50	2,921	19,611	22,318	25,024	27,731	30,438	33,145	35,852	38,558
69	40,834	13.59	3,005	16,720	19,427	22,133	24,840	27,547	30,254	32,961	35,667
71	42,194	13.66	3,089	13,783	16,490	19,196	21,903	24,610	27,317	30,024	32,730
73	43,588	13.74	3,173	n/a	13,530	16,237	18,944	21,651	24,357	27,064	29,771

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	34,068	12.26	2,779	27,597	30,304	33,010	34,068	34,068	34,068	34,068	34,068
63	35,428	12.37	2,864	24,820	27,527	30,233	32,940	35,428	35,428	35,428	35,428
65	36,754	12.47	2,948	21,993	24,700	27,407	30,114	32,820	35,527	36,754	36,754
67	38,080	12.56	3,032	19,131	21,838	24,545	27,252	29,959	32,665	35,372	38,079
69	39,406	12.65	3,116	16,235	18,942	21,649	24,356	27,063	29,769	32,476	35,183
71	40,732	12.73	3,200	13,306	16,013	18,719	21,426	24,133	26,840	29,547	32,253
73	42,092	12.82	3,284	n/a	13,061	15,768	18,475	21,181	23,888	26,595	29,302

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	32,878	11.37	2,891	27,132	29,839	32,545	32,878	32,878	32,878	32,878	32,878
63	34,136	11.48	2,975	24,332	27,039	29,746	32,453	34,136	34,136	34,136	34,136
65	35,428	11.58	3,059	21,511	24,217	26,924	29,631	32,338	35,045	35,428	35,428
67	36,720	11.68	3,143	18,654	21,361	24,068	26,775	29,482	32,188	34,895	36,720
69	38,012	11.78	3,227	15,765	18,471	21,178	23,885	26,592	29,299	32,005	34,712
71	39,304	11.87	3,311	12,842	15,549	18,256	20,962	23,669	26,376	29,083	31,790
73	40,562	11.95	3,395	n/a	12,584	15,290	17,997	20,704	23,411	26,118	28,824

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	31,654	10.55	3,002	26,656	29,362	31,654	31,654	31,654	31,654	31,654	31,654
63	32,878	10.65	3,086	23,860	26,566	29,273	31,980	32,878	32,878	32,878	32,878
65	34,136	10.77	3,170	21,042	23,749	26,456	29,163	31,869	34,136	34,136	34,136
67	35,360	10.87	3,254	18,179	20,886	23,593	26,300	29,007	31,713	34,420	35,360
69	36,584	10.96	3,338	15,284	17,991	20,698	23,405	26,112	28,818	31,525	34,232
71	37,842	11.06	3,422	12,369	15,076	17,783	20,490	23,196	25,903	28,610	31,317
73	39,066	11.14	3,506	n/a	12,119	14,826	17,533	20,239	22,946	25,653	28,360

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	30,430	9.78	3,113	26,181	28,888	30,430	30,430	30,430	30,430	30,430	30,430
63	31,620	9.89	3,197	23,389	26,096	28,803	31,509	31,620	31,620	31,620	31,620
65	32,810	10.00	3,281	20,564	23,271	25,977	28,684	31,391	32,810	32,810	32,810
67	34,000	10.10	3,365	17,707	20,413	23,120	25,827	28,534	31,241	33,947	34,000
69	35,190	10.20	3,449	14,818	17,525	20,232	22,938	25,645	28,352	31,059	33,766
71	36,380	10.30	3,533	11,899	14,606	17,312	20,019	22,726	25,433	28,140	30,846
73	37,570	10.39	3,617	n/a	11,657	14,363	17,070	19,777	22,484	25,191	27,897

Marvair Model VACSA49HP (Indoor Air = 1740 CFM) Modulated Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	29,206	9.06	3,224	25,709	28,416	29,206	29,206	29,206	29,206	29,206	29,206
63	30,362	9.18	3,308	22,921	25,627	28,334	30,362	30,362	30,362	30,362	30,362
65	31,484	9.28	3,392	20,088	22,794	25,501	28,208	30,915	31,484	31,484	31,484
67	32,640	9.39	3,476	17,236	19,943	22,650	25,356	28,063	30,770	32,640	32,640
69	33,796	9.49	3,560	14,354	17,060	19,767	22,474	25,181	27,888	30,594	33,301
71	34,918	9.58	3,644	11,430	14,137	16,844	19,551	22,258	24,964	27,671	30,378
73	36,074	9.68	3,728	n/a	11,196	13,903	16,610	19,317	22,024	24,730	27,437

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	27,982	8.39	3,335	25,239	27,946	27,982	27,982	27,982	27,982	27,982	27,982
63	29,104	8.51	3,419	22,454	25,161	27,868	29,104	29,104	29,104	29,104	29,104
65	30,192	8.62	3,503	19,626	22,332	25,039	27,746	30,192	30,192	30,192	30,192
67	31,280	8.72	3,587	16,767	19,474	22,181	24,888	27,595	30,301	31,280	31,280
69	32,368	8.82	3,671	13,880	16,587	19,294	22,000	24,707	27,414	30,121	32,368
71	33,456	8.91	3,755	10,964	13,671	16,378	19,085	21,792	24,498	27,205	29,912
73	34,578	9.01	3,839	n/a	10,738	13,445	16,152	18,859	21,565	24,272	26,979

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	26,792	7.78	3,446	24,784	26,792	26,792	26,792	26,792	26,792	26,792	26,792
63	27,812	7.88	3,530	21,977	24,684	27,391	27,812	27,812	27,812	27,812	27,812
65	28,866	7.99	3,614	19,154	21,860	24,567	27,274	28,866	28,866	28,866	28,866
67	29,920	8.09	3,698	16,301	19,008	21,715	24,421	27,128	29,835	29,920	29,920
69	30,974	8.19	3,782	13,420	16,127	18,833	21,540	24,247	26,954	29,661	30,974
71	32,028	8.28	3,866	10,511	13,218	15,925	18,632	21,338	24,045	26,752	29,459
73	33,048	8.37	3,951	n/a	10,272	12,979	15,686	18,392	21,099	23,806	26,513

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	26,180	7.36	3,557	24,550	26,180	26,180	26,180	26,180	26,180	26,180	26,180
63	27,200	7.47	3,641	21,752	24,459	27,165	27,200	27,200	27,200	27,200	27,200
65	28,220	7.58	3,725	18,924	21,631	24,338	27,045	28,220	28,220	28,220	28,220
67	29,240	7.68	3,809	16,068	18,775	21,482	24,189	26,896	29,240	29,240	29,240
69	30,260	7.77	3,893	13,185	15,892	18,599	21,305	24,012	26,719	29,426	31,280
71	31,280	7.86	3,977	10,275	12,981	15,688	18,395	21,102	23,809	26,515	29,222
73	32,300	7.95	4,062	n/a	10,045	12,752	15,458	18,165	20,872	23,579	26,286

Marvair Model VACSA60HP (Indoor Air = 1850 CFM) Full Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	56,052	12.43	4,508	36,932	39,730	42,528	45,326	48,124	50,922	53,720	56,052
63	58,266	12.53	4,650	34,090	36,888	39,686	42,484	45,282	48,080	50,878	53,676
65	60,426	12.61	4,792	31,168	33,966	36,764	39,562	42,360	45,158	47,956	50,754
67	62,640	12.69	4,935	28,212	31,010	33,808	36,606	39,404	42,201	44,999	47,797
69	64,854	12.77	5,077	25,199	27,997	30,795	33,593	36,391	39,189	41,987	44,785
71	67,014	12.84	5,219	22,113	24,911	27,709	30,507	33,305	36,103	38,901	41,699
73	69,228	12.91	5,361	n/a	21,791	24,589	27,387	30,185	32,983	35,781	38,579

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	54,108	11.52	4,696	36,120	38,918	41,716	44,514	47,312	50,110	52,908	54,108
63	56,268	11.63	4,838	33,284	36,082	38,880	41,678	44,475	47,273	50,071	52,869
65	58,374	11.72	4,980	30,369	33,167	35,965	38,763	41,560	44,358	47,156	49,954
67	60,480	11.81	5,122	27,399	30,197	32,995	35,793	38,591	41,389	44,187	46,985
69	62,586	11.89	5,264	24,377	27,175	29,973	32,771	35,568	38,366	41,164	43,962
71	64,692	11.97	5,406	21,302	24,100	26,898	29,696	32,494	35,292	38,090	40,888
73	66,852	12.05	5,549	n/a	20,994	23,792	26,590	29,388	32,186	34,984	37,782

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	52,218	10.69	4,883	35,337	38,135	40,933	43,731	46,529	49,327	52,125	52,218
63	54,216	10.79	5,026	32,461	35,259	38,057	40,855	43,653	46,451	49,249	52,047
65	56,268	10.89	5,168	29,553	32,351	35,149	37,947	40,745	43,543	46,341	49,139
67	58,320	10.98	5,310	26,592	29,390	32,188	34,986	37,784	40,582	43,380	46,178
69	60,372	11.07	5,452	23,580	26,378	29,176	31,974	34,772	37,569	40,367	43,165
71	62,424	11.16	5,594	20,516	23,314	26,112	28,910	31,708	34,506	37,304	40,102
73	64,422	11.23	5,736	n/a	20,184	22,982	25,780	28,578	31,376	34,174	36,972

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	50,274	9.91	5,071	34,536	37,334	40,132	42,930	45,728	48,526	50,274	50,274
63	52,218	10.02	5,213	31,666	34,464	37,262	40,059	42,857	45,655	48,453	51,251
65	54,216	10.12	5,355	28,764	31,562	34,360	37,158	39,956	42,754	45,552	48,350
67	56,160	10.22	5,497	25,791	28,589	31,387	34,185	36,983	39,781	42,579	45,377
69	58,104	10.30	5,640	22,769	25,567	28,365	31,163	33,961	36,759	39,557	42,355
71	60,102	10.40	5,782	19,718	22,516	25,314	28,112	30,910	33,708	36,506	39,303
73	62,046	10.47	5,924	n/a	19,399	22,197	24,995	27,793	30,591	33,389	36,187

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	48,330	9.19	5,259	33,741	36,539	39,337	42,135	44,933	47,731	48,330	48,330
63	50,220	9.30	5,401	30,875	33,673	36,471	39,269	42,067	44,865	47,663	50,220
65	52,110	9.40	5,543	27,960	30,758	33,556	36,354	39,152	41,950	44,748	47,546
67	54,000	9.50	5,685	24,996	27,793	30,591	33,389	36,187	38,985	41,783	44,581
69	55,890	9.59	5,827	21,983	24,781	27,579	30,377	33,175	35,973	38,771	41,569
71	57,780	9.68	5,969	18,925	21,723	24,521	27,318	30,116	32,914	35,712	38,510
73	59,670	9.76	6,111	n/a	18,619	21,417	24,215	27,013	29,811	32,608	35,406

Marvair Model VACSA60HP (Indoor Air = 1850 CFM) Full Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	46,386	8.52	5,446	32,950	35,748	38,546	41,344	44,142	46,386	46,386	46,386
63	48,222	8.63	5,588	30,090	32,888	35,686	38,484	41,282	44,080	46,878	48,222
65	50,004	8.73	5,730	27,161	29,959	32,757	35,555	38,353	41,151	43,949	46,747
67	51,840	8.83	5,873	24,205	27,003	29,801	32,599	35,397	38,195	40,993	43,791
69	53,676	8.92	6,015	21,203	24,001	26,799	29,597	32,395	35,193	37,991	40,789
71	55,458	9.01	6,157	18,137	20,935	23,733	26,531	29,329	32,127	34,925	37,723
73	57,294	9.10	6,299	n/a	17,844	20,642	23,440	26,238	29,036	31,834	34,632

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	44,442	7.89	5,634	32,165	34,963	37,761	40,559	43,357	44,442	44,442	44,442
63	46,224	8.00	5,776	29,311	32,109	34,907	37,705	40,503	43,301	46,099	46,224
65	47,952	8.10	5,918	26,388	29,186	31,984	34,782	37,580	40,378	43,176	45,974
67	49,680	8.20	6,060	23,421	26,219	29,017	31,815	34,613	37,411	40,209	43,007
69	51,408	8.29	6,202	20,409	23,207	26,005	28,803	31,601	34,399	37,197	39,995
71	53,136	8.38	6,344	17,355	20,153	22,951	25,749	28,547	31,345	34,143	36,941
73	54,918	8.47	6,487	n/a	17,075	19,873	22,671	25,469	28,267	31,065	33,863

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	42,552	7.31	5,821	31,407	34,205	37,003	39,801	42,552	42,552	42,552	42,552
63	44,172	7.41	5,964	28,515	31,313	34,111	36,909	39,707	42,505	44,172	44,172
65	45,846	7.51	6,106	25,600	28,398	31,196	33,994	36,792	39,590	42,388	45,186
67	47,520	7.61	6,248	22,641	25,439	28,237	31,035	33,833	36,631	39,429	42,227
69	49,194	7.70	6,390	19,640	22,438	25,236	28,034	30,832	33,630	36,428	39,226
71	50,868	7.79	6,532	16,597	19,395	22,193	24,991	27,789	30,587	33,385	36,183
73	52,488	7.86	6,674	n/a	16,294	19,092	21,890	24,688	27,486	30,284	33,082

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	41,580	6.92	6,009	31,019	33,817	36,615	39,413	41,500	41,500	41,500	41,500
63	43,200	7.02	6,151	28,140	30,938	33,736	36,534	39,332	42,130	43,200	43,200
65	44,820	7.12	6,293	25,218	28,016	30,814	33,612	36,410	39,208	42,006	44,804
67	46,440	7.22	6,435	22,254	25,052	27,850	30,648	33,446	36,244	39,042	41,840
69	48,060	7.31	6,578	19,248	22,046	24,844	27,642	30,440	33,238	36,036	38,834
71	49,680	7.39	6,720	16,202	19,000	21,798	24,596	27,394	30,192	32,990	35,788
73	51,300	7.48	6,862	n/a	15,915	18,713	21,511	24,309	27,107	29,905	32,703

Marvair Model VACSA60HP (Indoor Air = 1850 CFM) Modulated Capacity

75 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	41,520	12.63	3,287	30,995	33,793	36,591	39,389	41,520	41,520	41,520	41,520
63	43,160	12.73	3,391	28,125	30,923	33,721	36,519	39,317	42,115	43,160	43,160
65	44,760	12.81	3,494	25,196	27,994	30,792	33,590	36,388	39,186	41,984	44,760
67	46,400	12.90	3,598	22,240	25,038	27,835	30,633	33,431	36,229	39,027	41,825
69	48,040	12.98	3,701	19,241	22,039	24,837	27,635	30,433	33,231	36,029	38,827
71	49,640	13.05	3,805	16,189	18,987	21,785	24,583	27,381	30,179	32,977	35,775
73	51,280	13.12	3,909	n/a	15,908	18,706	21,504	24,302	27,100	29,898	32,696

80 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	40,080	11.71	3,424	30,422	33,220	36,018	38,816	40,080	40,080	40,080	40,080
63	41,680	11.82	3,527	27,556	30,354	33,152	35,950	38,748	41,546	41,680	41,680
65	43,240	11.91	3,631	24,633	27,431	30,229	33,027	35,824	38,622	41,420	43,240
67	44,800	12.00	3,735	21,668	24,466	27,264	30,062	32,860	35,658	38,456	41,254
69	46,360	12.08	3,838	18,663	21,461	24,259	27,057	29,855	32,653	35,451	38,249
71	47,920	12.16	3,942	15,619	18,417	21,215	24,013	26,811	29,609	32,407	35,205
73	49,520	12.24	4,046	n/a	15,349	18,147	20,945	23,743	26,541	29,338	32,136

85 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	38,680	10.86	3,561	29,868	32,666	35,464	38,262	38,680	38,680	38,680	38,680
63	40,160	10.96	3,664	26,975	29,773	32,571	35,369	38,167	40,160	40,160	40,160
65	41,680	11.06	3,768	24,057	26,855	29,653	32,451	35,249	38,047	40,845	41,680
67	43,200	11.16	3,871	21,099	23,897	26,695	29,493	32,291	35,089	37,887	40,685
69	44,720	11.25	3,975	18,102	20,900	23,698	26,495	29,293	32,091	34,889	37,687
71	46,240	11.34	4,079	15,066	17,864	20,662	23,460	26,258	29,056	31,854	34,652
73	47,720	11.41	4,182	n/a	14,779	17,577	20,375	23,173	25,971	28,769	31,567

90 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	37,240	10.07	3,697	29,301	32,099	34,897	37,240	37,240	37,240	37,240	37,240
63	38,680	10.18	3,801	26,413	29,210	32,008	34,806	37,604	38,680	38,680	38,680
65	40,160	10.29	3,905	23,499	26,297	29,095	31,893	34,691	37,489	40,160	40,160
67	41,600	10.38	4,008	20,533	23,331	26,129	28,927	31,725	34,523	37,321	40,119
69	43,040	10.47	4,112	17,529	20,327	23,125	25,923	28,721	31,519	34,317	37,115
71	44,520	10.56	4,215	14,503	17,301	20,099	22,897	25,695	28,492	31,290	34,088
73	45,960	10.64	4,319	n/a	14,225	17,023	19,821	22,619	25,417	28,215	31,013

95 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	35,800	9.34	3,834	28,737	31,535	34,333	35,800	35,800	35,800	35,800	35,800
63	37,200	9.45	3,938	25,852	28,650	31,448	34,246	37,044	37,200	37,200	37,200
65	38,600	9.55	4,041	22,930	25,728	28,526	31,324	34,122	36,920	38,600	38,600
67	40,000	9.65	4,145	19,970	22,768	25,566	28,364	31,162	33,960	36,758	39,556
69	41,400	9.74	4,249	16,974	19,772	22,570	25,368	28,166	30,963	33,761	36,559
71	42,800	9.83	4,352	13,942	16,740	19,538	22,336	25,134	27,932	30,730	33,528
73	44,200	9.92	4,456	n/a	13,674	16,472	19,270	22,068	24,866	27,664	30,462

Marvair Model VACSA60HP (Indoor Air = 1850 CFM) Modulated Capacity

100 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	34,360	8.65	3,971	28,175	30,973	33,771	34,360	34,360	34,360	34,360	34,360
63	35,720	8.77	4,075	25,295	28,093	30,891	33,689	35,720	35,720	35,720	35,720
65	37,040	8.87	4,178	22,363	25,161	27,959	30,757	33,555	36,353	37,040	37,040
67	38,400	8.97	4,282	19,409	22,207	25,005	27,803	30,601	33,399	36,197	38,400
69	39,760	9.07	4,385	16,421	19,219	22,017	24,815	27,613	30,411	33,209	36,007
71	41,080	9.15	4,489	13,384	16,182	18,980	21,778	24,576	27,374	30,172	32,970
73	42,440	9.24	4,593	n/a	13,126	15,924	18,722	21,520	24,318	27,116	29,914

105 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	32,920	8.01	4,108	27,616	30,414	32,920	32,920	32,920	32,920	32,920	32,920
63	34,240	8.13	4,211	24,740	27,538	30,336	33,134	34,240	34,240	34,240	34,240
65	35,520	8.23	4,315	21,813	24,611	27,409	30,207	33,005	35,520	35,520	35,520
67	36,800	8.33	4,419	18,852	21,650	24,448	27,246	30,044	32,842	35,640	36,800
69	38,080	8.42	4,522	15,857	18,655	21,453	24,251	27,049	29,847	32,645	35,443
71	39,360	8.51	4,626	12,830	15,628	18,426	21,223	24,021	26,819	29,617	32,415
73	40,680	8.60	4,729	n/a	12,580	15,378	18,176	20,974	23,772	26,570	29,368

110 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	31,520	7.43	4,244	27,075	29,873	31,520	31,520	31,520	31,520	31,520	31,520
63	32,720	7.53	4,348	24,173	26,971	29,769	32,567	32,720	32,720	32,720	32,720
65	33,960	7.63	4,452	21,252	24,050	26,848	29,646	32,444	33,960	33,960	33,960
67	35,200	7.73	4,555	18,297	21,095	23,893	26,691	29,489	32,287	35,085	35,200
69	36,440	7.82	4,659	15,310	18,108	20,906	23,704	26,502	29,300	32,098	34,896
71	37,680	7.91	4,763	12,290	15,088	17,886	20,684	23,482	26,280	29,078	31,876
73	38,880	7.99	4,866	n/a	12,026	14,824	17,622	20,420	23,218	26,015	28,813

115 °F Outdoor Air Temperature

Indoor Wet Bulb	Cooling Capacity (Btu/Hr)	EER	Total Power (Watts)	Net Sensible Cooling Capacity (Btu/Hr)							
				Indoor Dry Bulb (°F)							
				72	74	76	78	80	82	84	86
61	30,800	7.03	4,381	26,798	29,596	30,800	30,800	30,800	30,800	30,800	30,800
63	32,000	7.14	4,485	23,905	26,703	29,501	32,000	32,000	32,000	32,000	32,000
65	33,200	7.24	4,589	20,979	23,777	26,575	29,373	32,171	33,200	33,200	33,200
67	34,400	7.33	4,692	18,021	20,819	23,617	26,415	29,213	32,011	34,400	34,400
69	35,600	7.42	4,796	15,031	17,829	20,627	23,425	26,222	29,020	31,818	34,616
71	36,800	7.51	4,899	12,009	14,807	17,605	20,403	23,201	25,999	28,797	31,595
73	38,000	7.60	5,003	n/a	11,755	14,553	17,351	20,149	22,947	25,745	28,543