

SC-36Z-HH-M4 Capacity Table - 2023

Legend

Cooling

COP: Coefficient of Performance

Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures						DB: Dry Bulb	
	68 °F DB		73 °F DB		80 °F DB		°F: Degrees Fahrenheit	
	57 °F WB		61 °F WB		67 °F WB		SHC: Sensible Heat Capacity	
	TC	SHC	TC	SHC	TC	SHC	TC: Total Capacity	
0 °F	21,827	16,500	22,800	18,000	24,000	19,500	WB: Wet Bulb	
5 °F	21,927	17,196	23,181	18,162	25,527	20,029		
14 °F	22,968	18,014	24,264	19,023	27,384	21,478		
23 °F	25,164	19,740	26,916	21,113	30,840	24,188		
32 °F	25,758	20,202	27,663	21,696	31,994	25,093		
41 °F	23,613	18,520	25,520	20,015	29,746	23,330		
50 °F	21,549	16,901	23,437	18,382	27,533	21,594		
59 °F	30,516	23,933	32,640	25,598	35,748	28,029		
68 °F	34,560	27,106	36,720	28,795	39,240	30,776		
77 °F	34,152	26,790	36,324	28,491	38,880	30,497		
86 °F	32,472	25,465	34,632	27,166	37,800	29,646		
95 °F	30,732	24,103	32,880	25,781	36,000	28,236		
104 °F	29,244	22,936	31,380	24,614	35,064	27,507		
113 °F	27,744	21,757	29,880	23,435	33,576	26,328		



Heating

Outdoor Ambient Temperature (DB) °F	Indoor Entering Air Temperatures								
	68 °F DB			73 °F DB			80 °F DB		
	57 °F WB			61 °F WB			67 °F WB		
	TC	Power Input (KW)	COP	TC	Power Input (KW)	COP	TC	Power Input (KW)	COP
-31 °F	23,000	5.50	1.23	24,000	5.72	1.23	24,500	5.85	1.23
-22 °F	25,563	5.57	1.34	25,910	5.73	1.33	24,899	5.91	1.24
-13 °F	28,859	5.65	1.50	28,373	5.81	1.43	27,293	5.99	1.33
-5 °F	33,638	5.64	1.75	33,072	5.79	1.67	31,837	5.98	1.56
0 °F	36,089	5.73	1.85	35,488	5.89	1.77	34,105	6.08	1.64
5 °F	36,259	5.70	1.86	35,648	5.86	1.78	34,291	6.05	1.66
10 °F	39,753	5.76	2.02	39,091	5.92	1.94	37,581	6.11	1.80
17 °F	41,794	5.72	2.14	41,097	5.88	2.05	39,475	6.06	1.91
19 °F	41,758	5.50	2.23	41,075	5.65	2.13	39,443	5.83	1.98
24 °F	40,398	5.42	2.18	39,787	5.58	2.09	38,397	5.75	1.96
32 °F	39,260	5.19	2.22	38,728	5.33	2.13	37,514	5.50	2.00
41 °F	40,725	5.11	2.33	40,247	5.26	2.24	39,090	5.42	2.11
43 °F	41,822	5.10	2.40	41,330	5.24	2.31	40,199	5.41	2.18
47 °F	45,450	5.22	2.55	44,663	5.36	2.44	42,837	5.53	2.27
53 °F	45,900	4.74	2.84	45,098	4.87	2.71	43,272	5.03	2.52
59 °F	42,259	4.78	2.59	41,513	4.92	2.47	39,818	5.07	2.30
64 °F	43,158	4.39	2.88	42,398	4.51	2.75	40,678	4.65	2.56
70 °F	43,968	4.46	2.89	43,208	4.58	2.76	41,437	4.73	2.57
75 °F	44,588	4.07	3.21	43,803	4.19	3.07	42,031	4.32	2.85