

COOLING PERFORMANCE									
		Indoor Ambient Temperature							
		70oF (21oC)		75oF (24oC)		80oF (27oC)		90oF (32oC)	
		WB 59oF (15oC)		63oF (17oC)		67oF (19oC)		73oF (23oC)	
		TC (BtuH)	Input	TC (BtuH)	Input	TC (BtuH)	Input	TC (BtuH)	Input
Outdoor Ambient Temperature (DB)	-22oF (-30oC)	19,394	13,021	20,698	13,464	23,282	14,278	26,425	15,020
	-4oF (-18oC)	20,632	13,852	22,019	14,323	24,768	15,189	28,112	15,979
	5oF (-15oC)	21,949	14,737	23,424	15,237	26,349	16,158	29,906	16,999
	14oF (-10oC)	23,350	15,677	24,919	16,210	28,031	17,190	31,815	18,084
	23oF (-5oC)	24,840	16,678	26,510	17,245	29,820	18,287	33,846	19,238
	32oF (0oC)	26,426	17,742	28,202	18,345	31,723	19,454	36,006	20,466
	41oF (5oC)	28,112	18,875	30,002	19,516	33,748	20,696	38,304	21,772
	50oF (10oC)	29,907	20,080	31,917	20,762	35,902	22,017	40,749	23,162
	59oF (15oC)	31,816	21,361	33,955	22,087	38,194	23,422	43,350	24,640
	68oF (20oC)	33,846	22,725	36,122	23,497	40,632	24,918	46,117	26,213
	77oF (25oC)	32,560	24,175	34,749	24,997	39,088	26,508	44,365	27,886
	86oF (30oC)	31,274	25,718	33,377	26,593	37,544	28,200	42,612	29,666
	95oF (35oC)	29,988	27,360	32,004	28,290	36,000	30,000	40,860	31,560
	104oF (40oC)	28,702	15,436	30,631	15,960	34,456	16,925	39,108	17,805
	113oF (45oC)	27,416	3,511	29,259	3,631	32,912	3,850	37,355	4,050
	118oF (48oC)	26,644	3,922	28,435	4,055	31,986	4,300	36,304	4,524

HEATING PERFORMANCE										
		Indoor Ambient Temperature								
		70oF (21oC)			75oF (24oC)			80oF (27oC)		
		WB 59oF (15oC)			63oF (17oC)			67oF (19oC)		
	DB	TC (BtuH)	Input	COP(W/W)	TC (BtuH)	Input	COP(W/W)	TC (BtuH)	Input	COP(W/W)
Outdoor Ambient Temperature (DB)	-22oF (-30oC)	24,500	4,520	1.59	24181.5	4619	1.53	23569	4723	1.46
	-5oF (-21oC)	29,240	4,628	1.85	28859.88	4730	1.79	28128.88	4836	1.70
	0oF (-18oC)	30,820	4,664	1.94	30419.34	4767	1.87	29648.84	4874	1.78
	5oF (-15oC)	32,400	4,700	2.02	31978.8	4803	1.95	31168.8	4912	1.86
	7oF (-14oC)	32,857	4,654	2.07	32430	4757	2.00	31608.57143	4864	1.90
	17oF (-8oC)	35,600	4,380	2.38	35137.2	4476	2.30	34247.2	4577	2.19
	28oF (-2oC)	37,250	3,870	2.82	36765.75	3955	2.72	35834.5	4044	2.60
	38oF (3oC)	38,625	3,445	3.29	38122.875	3521	3.17	37157.25	3600	3.03
	47oF (8oC)	40,000	3,020	3.88	39480	3086	3.75	38480	3156	3.57
	57oF (14oC)	41,200	2,886	4.18	40664.4	2949	4.04	39634.4	3016	3.85
	68oF (20oC)	42,800	2,839	4.42	42243.6	2902	4.27	41173.6	2967	4.07
	77oF (25oC)	44,000	2,776	4.65	43428	2837	4.49	42328	2901	4.28

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Cooling Capacity (BtuH)

Input Power---(Watts)

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