

COOLING PERFORMANCE

		Indoor Ambient Temperature							
		70oF (21oC)		75oF (24oC)		80oF (27oC)		90oF (32oC)	
		59oF (15oC)		63oF (17oC)		67oF (19oC)		73oF (23oC)	
		TC (BtuH)	Input Power	TC (BtuH)	Input Power	TC (BtuH)	Input Power	TC (BtuH)	Input Power
Outdoor Ambient Temperature (DB)	-22oF (-30oC)	13,842	985	14,772	1,019	16,617	1,080	18,860	1,137
	-4oF (-18oC)	14,725	1,048	15,715	1,084	17,677	1,149	20,064	1,209
	5oF (-15oC)	15,665	1,115	16,718	1,153	18,806	1,223	21,345	1,286
	14oF (-10oC)	16,665	1,186	17,786	1,227	20,006	1,301	22,707	1,368
	23oF (-5oC)	17,729	1,262	18,921	1,305	21,283	1,384	24,156	1,456
	32oF (0oC)	18,861	1,343	20,128	1,388	22,642	1,472	25,698	1,549
	41oF (5oC)	20,064	1,428	21,413	1,477	24,087	1,566	27,339	1,647
	50oF (10oC)	21,345	1,519	22,780	1,571	25,624	1,666	29,084	1,753
	59oF (15oC)	22,708	1,616	24,234	1,671	27,260	1,772	30,940	1,864
	68oF (20oC)	24,157	1,720	25,781	1,778	29,000	1,885	32,915	1,983
	77oF (25oC)	23,990	1,829	25,603	1,891	28,800	2,006	32,688	2,110
	86oF (30oC)	23,824	1,946	25,425	2,012	28,600	2,134	32,461	2,245
	95oF (35oC)	23,657	2,070	25,248	2,141	28,400	2,270	32,234	2,388
	104oF (40oC)	23,491	2,403	25,070	2,485	28,200	2,635	32,007	2,772
	113oF (45oC)	23,324	2,736	24,892	2,829	28,000	3,000	31,780	3,156
	118oF (48oC)	23,224	3,329	24,785	3,442	27,880	3,650	31,644	3,840

HEATING PERFORMANCE

		Indoor Ambient Temperature								
		70oF (21oC)			75oF (24oC)			80oF (27oC)		
		59oF (15oC)			63oF (17oC)			67oF (19oC)		
	DB	TC (BtuH)	Input Power	COP(W/W)	TC (BtuH)	Input Power	COP(W/W)	TC (BtuH)	Input Power	COP(W/W)
Outdoor Ambient Temperature (DB)	-22oF (-30oC)	20,020	3,420	1.72	19759.74	3495	1.66	19259.24	3574	1.58
	-5oF (-21oC)	21,688	3,546	1.79	21406.056	3624	1.73	20863.856	3706	1.65
	0oF (-18oC)	22,244	3,588	1.82	21954.828	3667	1.75	21398.728	3749	1.67
	5oF (-15oC)	22,800	3,630	1.84	22503.6	3710	1.78	21933.6	3793	1.69
	7oF (-14oC)	23,429	3,584	1.92	23124	3663	1.85	22538.28571	3746	1.76
	17oF (-8oC)	27,200	3,310	2.41	26846.4	3383	2.33	26166.4	3459	2.22
	28oF (-2oC)	28,250	2,913	2.84	27882.75	2977	2.75	27176.5	3044	2.62
	38oF (3oC)	29,125	2,581	3.31	28746.375	2638	3.19	28018.25	2697	3.04
	47oF (8oC)	30,000	2,250	3.91	29610	2300	3.77	28860	2351	3.60
	57oF (14oC)	30,900	2,150	4.21	30498.3	2197	4.07	29725.8	2247	3.88
	68oF (20oC)	32,100	2,115	4.45	31682.7	2162	4.30	30880.2	2211	4.09
	77oF (25oC)	33,000	2,068	4.68	32571	2113	4.52	31746	2161	4.31

LEGEND

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Net Cooling Capacity (BtuH)

Input Power---(Watts)

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