

COOLING PERFORMANCE

		Indoor Ambient Temperature							
		70oF (21oC)		75oF (24oC)		80oF (27oC)		90oF (32oC)	
		DB	WB	DB	WB	DB	WB	DB	WB
		TC (BtuH)	Input Power	TC (BtuH)	Input Power	TC (BtuH)	Input Power	TC (BtuH)	Input Power
Outdoor Ambient Temperature (DB)	-22oF (-30oC)	11,145	807	11,894	835	13,379	885	15,186	931
	-4oF (-18oC)	11,856	859	12,654	888	14,233	942	16,155	991
	5oF (-15oC)	12,613	914	13,461	945	15,142	1,002	17,186	1,054
	14oF (-10oC)	13,418	972	14,320	1,005	16,108	1,066	18,283	1,121
	23oF (-5oC)	14,275	1,034	15,234	1,069	17,137	1,134	19,450	1,193
	32oF (0oC)	15,186	1,100	16,207	1,137	18,230	1,206	20,692	1,269
	41oF (5oC)	16,155	1,170	17,241	1,210	19,394	1,283	22,012	1,350
	50oF (10oC)	17,187	1,245	18,342	1,287	20,632	1,365	23,417	1,436
	59oF (15oC)	18,284	1,324	19,513	1,369	21,949	1,452	24,912	1,528
	68oF (20oC)	19,451	1,409	20,758	1,457	23,350	1,545	26,502	1,625
	77oF (25oC)	19,409	1,499	20,714	1,550	23,300	1,643	26,446	1,729
	86oF (30oC)	19,367	1,595	20,669	1,649	23,250	1,748	26,389	1,839
	95oF (35oC)	19,326	1,696	20,625	1,754	23,200	1,860	26,332	1,957
	104oF (40oC)	19,284	2,093	20,580	2,164	23,150	2,295	26,275	2,414
	113oF (45oC)	19,242	2,489	20,536	2,573	23,100	2,729	26,219	2,871
118oF (48oC)	19,217	2,754	20,509	2,848	23,070	3,020	26,184	3,177	

HEATING PERFORMANCE

		Indoor Ambient Temperature								
		70oF (21oC)			75oF (24oC)			80oF (27oC)		
		DB	WB	COP(W/W)	DB	WB	COP(W/W)	DB	WB	COP(W/W)
		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)	17,220	3,200	1.58	16996.14	3270	1.52	16565.64	3344	1.45
	-5oF (-21oC)	19,848	3,086	1.89	19589.976	3154	1.82	19093.776	3225	1.74
	0oF (-18oC)	20,724	3,048	1.99	20454.588	3115	1.92	19936.488	3185	1.83
	5oF (-15oC)	21,600	3,010	2.10	21319.2	3076	2.03	20779.2	3145	1.94
	7oF (-14oC)	21,886	3,003	2.14	21601.2	3069	2.06	21054.05714	3138	1.97
	17oF (-8oC)	23,600	2,960	2.34	23293.2	3025	2.26	22703.2	3093	2.15
	28oF (-2oC)	23,750	2,525	2.76	23441.25	2581	2.66	22847.5	2639	2.54
	38oF (3oC)	23,875	2,163	3.24	23564.625	2210	3.12	22967.75	2260	2.98
	47oF (8oC)	24,000	1,800	3.91	23688	1840	3.77	23088	1881	3.60
	57oF (14oC)	24,720	1,720	4.21	24398.64	1758	4.07	23780.64	1798	3.88
	68oF (20oC)	25,680	1,692	4.45	25346.16	1730	4.30	24704.16	1768	4.09
	77oF (25oC)	26,400	1,654	4.68	26056.8	1691	4.52	25396.8	1729	4.31

LEGEND

DB --- Dry Bulb
WB --- Wet Bulb

TC --- Total Net Cooling Capacity (BtuH)
Input Power---(Watts)

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