

Model VI-A-1202-B

Cooling Capacity

Entering Water°F	Entering air Water Rise°F	75.0 db°F / 63.0 wb°F				78.0 db°F 65.0 wb°F				80.0 db°F 67.0 wb°F			
		10.0	12.0	14.0	16.0	10.0	12.0	14.0	16.0	10.0	12.0	14.0	16.0
		75.0	Cool kBTU Sens. kBTU Watts W Heat of Rejection kBTU GPM dp FT	35.1 25.6 2472 43.5 8.7 18.9	34.8 25.5 2502 43.3 7.2 13.0	34.6 25.5 2531 43.2 6.2 9.5	34.3 25.4 2560 43 5.4 7.2	36.5 27.3 2529 45.2 9.0 20.4	36.3 27.2 2559 45 7.5 14.1	36 27.1 2589 44.8 6.4 10.3	35.7 27 2619 44.7 5.6 7.8	37.8 27.7 2579 46.6 9.3 21.7	37.5 27.6 2609 46.5 7.7 15.0
80.0	Cool kBTU Sens. kBTU Watts W Heat of Rejection kBTU GPM dp FT	34.2 25.3 2573 43 8.6 18.5	34 25.2 2602 42.8 7.1 12.7	33.7 25.2 2632 42.7 6.1 9.3	33.5 25.1 2661 42.5 5.3 7.1	35.6 26.9 2632 44.6 8.9 19.9	35.4 26.9 2662 44.5 7.4 13.7	35.1 26.8 2692 44.3 6.3 10.0	34.8 26.7 2722 44.1 5.5 7.6	36.9 27.4 2684 46.1 9.2 21.2	36.6 27.3 2715 45.9 7.6 14.6	36.4 27.2 2745 45.7 6.5 10.7	36.1 27.1 2776 45.6 5.7 8.1
85.0	Cool kBTU Sens. kBTU Watts W Heat of Rejection kBTU GPM dp FT	33.4 25 2674 42.5 8.5 18.1	33.1 24.9 2703 42.3 7.1 12.4	32.9 24.9 2733 42.2 6.0 9.1	32.6 24.8 2762 42 5.3 6.9	34.8 26.6 2735 44.1 8.8 19.4	34.5 26.5 2765 43.9 7.3 13.4	34.2 26.4 2795 43.8 6.3 9.8	34 26.4 2825 43.6 5.5 7.4	36 27.1 2789 45.5 9.1 20.7	35.7 27 2820 45.3 7.6 14.3	35.4 26.9 2850 45.2 6.5 10.4	35.2 26.8 2881 45 5.6 7.9
90.0	Cool kBTU Sens. kBTU Watts W Heat of Rejection kBTU GPM dp FT	32.5 24.7 2775 42 8.4 17.6	32.3 24.6 2804 41.8 7.0 12.2	32 24.6 2834 41.7 6.0 8.9	31.8 24.5 2863 41.5 5.2 6.7	33.9 26.3 2838 43.6 8.7 19.0	33.6 26.2 2868 43.4 7.2 13.1	33.3 26.1 2898 43.2 6.2 9.5	33.1 26 2928 43.1 5.4 7.2	35.1 26.7 2894 45 9.0 20.2	34.8 26.7 2925 44.8 7.5 13.9	34.5 26.6 2956 44.6 6.4 10.2	34.3 26.5 2986 44.4 5.6 7.7
95.0	Cool kBTU Sens. kBTU Watts W Heat of Rejection kBTU GPM dp FT	31.7 24.4 2876 41.5 8.3 17.2	31.4 24.4 2905 41.3 6.9 11.9	31.2 24.3 2934 41.2 5.9 8.7	30.9 24.2 2964 41 5.1 6.6	33 26 2941 43 8.6 18.5	32.7 25.9 2971 42.9 7.1 12.8	32.5 25.8 3002 42.7 6.1 9.3	32.2 25.7 3032 42.5 5.3 7.1	34.2 26.4 2999 44.4 8.9 19.7	33.9 26.3 3030 44.2 7.4 13.6	33.6 26.2 3061 44.1 6.3 9.9	33.3 26.1 3092 43.9 5.5 7.5

ARI -Cooling Rating			
ARI EWT	ARI -Entering Air	80.6 db °F	66.2 wb°F
86	Cool BTU	35300	
	EER	12.27	
	GPM	8.0	

ARI -Heating Rating			
ARI EWT	ARI -Entering Air	68 db °F	
68	Heat BTU	44500	
	COP	4.4	
	GPM	8.0	

Heating Capacity

GPMs Based on 80/67 85 EWT Cooling

Entering Water°F	Entering air GPM dp FT	60 db °F				68 db °F				75 db °F			
		9.1	7.6	6.5	5.6	9.1	7.6	6.5	5.6	9.1	7.6	6.5	5.6
		60.0	Heat kBTU Watts W Heat of Absorption kBTU	40.8 2608 31.9	39.8 2636 30.8	39.2 2655 30.1	38.7 2670 29.6	39.2 2858 29.5	38.3 2856 28.6	37.7 2855 27.9	37.2 2854 27.4	38 3082 27.5	37.1 3054 26.7
65.0	Heat kBTU Watts W Heat of Absorption kBTU	43.6 2645 34.6	42.7 2675 33.5	42 2696 32.8	41.5 2712 32.3	42 2910 32.1	41.1 2908 31.2	40.5 2907 30.6	40 2906 30.1	40.8 3147 30	39.9 3117 29.2	39.2 3096 28.7	38.7 3080 28.2
68.0	Heat kBTU Watts W Heat of Absorption kBTU	46.7 2679 37.6	45.8 2711 36.5	45.1 2734 35.8	44.6 2751 35.2	45.1 2959 35	44.2 2957 34.1	43.6 2955 33.5	43.1 2954 33	43.8 3209 32.9	42.9 3177 32.1	42.3 3154 31.5	41.8 3136 31.1
75.0	Heat kBTU Watts W Heat of Absorption kBTU	50.1 2711 40.8	49.2 2745 39.8	48.5 2769 39.1	48 2788 38.5	48.5 3005 38.2	47.6 3003 37.3	46.9 3001 36.7	46.4 3000 36.2	47.2 3268 36	46.2 3234 35.2	45.6 3209 34.7	45.1 3190 34.2