

Model VI-A-302-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	9.3	9.3	9.2	9.1	9.7	9.7	9.6	9.5	10.1	10
	Sens. kBTU	6.3	6.3	6.3	6.2	6.7	6.7	6.6	6.6	6.8	6.8	6.8	6.7
	Watts W	681	689	697	705	696	705	713	721	710	719	727	736
	Heat of Rejection kBTU	11.7	11.6	11.6	11.5	12.1	12.1	12	12	12.5	12.5	12.4	12.4
	GPM	2.3	1.9	1.7	1.4	2.4	2.0	1.7	1.5	2.5	2.1	1.8	1.5
	dp FT	8.4	5.8	4.2	3.2	9.0	6.2	4.5	3.4	9.6	6.6	4.8	3.7
80.0	Cool kBTU	9.1	9	9	8.9	9.5	9.4	9.4	9.3	9.8	9.8	9.7	9.6
	Sens. kBTU	6.2	6.2	6.2	6.2	6.6	6.6	6.6	6.5	6.7	6.7	6.7	6.7
	Watts W	709	717	725	733	725	733	742	750	739	748	756	765
	Heat of Rejection kBTU	11.5	11.5	11.5	11.4	12	11.9	11.9	11.8	12.4	12.3	12.3	12.2
	GPM	2.3	1.9	1.6	1.4	2.4	2.0	1.7	1.5	2.5	2.1	1.8	1.5
	dp FT	8.2	5.6	4.1	3.1	8.8	6.1	4.4	3.4	9.4	6.5	4.7	3.6
85.0	Cool kBTU	8.9	8.8	8.7	8.7	9.3	9.2	9.1	9	9.6	9.5	9.4	9.4
	Sens. kBTU	6.1	6.1	6.1	6.1	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6
	Watts W	737	745	753	761	753	762	770	778	768	777	785	794
	Heat of Rejection kBTU	11.4	11.4	11.3	11.3	11.8	11.8	11.7	11.7	12.2	12.2	12.1	12.1
	GPM	2.3	1.9	1.6	1.4	2.4	2.0	1.7	1.5	2.4	2.0	1.7	1.5
	dp FT	8.0	5.5	4.0	3.1	8.6	5.9	4.3	3.3	9.2	6.3	4.6	3.5
90.0	Cool kBTU	8.7	8.6	8.5	8.5	9	8.9	8.9	8.8	9.3	9.3	9.2	9.1
	Sens. kBTU	6.1	6	6	6	6.4	6.4	6.4	6.4	6.6	6.5	6.5	6.5
	Watts W	764	772	781	789	782	790	798	807	797	806	814	823
	Heat of Rejection kBTU	11.3	11.2	11.2	11.1	11.7	11.6	11.6	11.6	12.1	12	12	11.9
	GPM	2.3	1.9	1.6	1.4	2.3	1.9	1.7	1.4	2.4	2.0	1.7	1.5
	dp FT	7.8	5.4	3.9	3.0	8.4	5.8	4.2	3.2	8.9	6.2	4.5	3.4
95.0	Cool kBTU	8.4	8.4	8.3	8.2	8.8	8.7	8.6	8.6	9.1	9	9	8.9
	Sens. kBTU	6	6	5.9	5.9	6.4	6.3	6.3	6.3	6.5	6.4	6.4	6.4
	Watts W	792	800	808	816	810	818	827	835	826	835	843	852
	Heat of Rejection kBTU	11.1	11.1	11.1	11	11.6	11.5	11.5	11.4	11.9	11.9	11.8	11.8
	GPM	2.2	1.8	1.6	1.4	2.3	1.9	1.6	1.4	2.4	2.0	1.7	1.5
	dp FT	7.6	5.3	3.8	2.9	8.2	5.7	4.1	3.1	8.7	6.0	4.4	3.3

ARI -Cooling Rating			
ARI EWT	ARI -Entering Air	80.6 db °F	66.2 wb°F
86	Cool BTU	9400	
	EER	12	
	GPM	2.5	

ARI -Heating Rating			
ARI EWT	ARI -Entering Air	68 db °F	
68	Heat BTU	12100	
	COP	4.2	
	GPM	2.5	

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			
		2.4	2.0	1.7	1.5	2.4	2.0	1.7	1.5	2.4	2.0	1.7	1.5
		9.2	6.3	4.6	3.5	9.2	6.3	4.6	3.5	9.2	6.3	4.6	3.5
60.0	Heat kBTU	10.9	10.7	10.5	10.4	10.5	10.2	10.1	10	10.1	9.9	9.8	9.6
	Watts W	755	762	766	770	820	819	819	819	878	871	866	862
	Heat of Absorption kBTU	8.3	8.1	7.9	7.8	7.7	7.4	7.3	7.2	7.1	6.9	6.8	6.7
65.0	Heat kBTU	11.6	11.4	11.3	11.2	11.2	11	10.9	10.7	10.9	10.7	10.5	10.4
	Watts W	766	773	778	782	834	834	834	833	896	888	883	879
	Heat of Absorption kBTU	9	8.8	8.6	8.5	8.4	8.2	8	7.9	7.8	7.6	7.5	7.4
68.0	Heat kBTU	12.5	12.3	12.1	12	12.1	11.8	11.7	11.6	11.7	11.5	11.4	11.2
	Watts W	776	784	790	794	848	848	847	847	913	905	899	895
	Heat of Absorption kBTU	9.8	9.6	9.4	9.3	9.2	9	8.8	8.7	8.6	8.4	8.3	8.2
75.0	Heat kBTU	13.4	13.2	13	12.9	13	12.8	12.6	12.5	12.6	12.4	12.3	12.1
	Watts W	786	794	800	805	862	861	861	860	929	921	915	910
	Heat of Absorption kBTU	10.7	10.5	10.3	10.2	10	9.8	9.7	9.6	9.4	9.3	9.1	9