

Model VI-A-802-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	23.3	23.2	23	22.8	24.3	24.1	23.9	23.8	25.2	25	24.8	24.6
	Sens. kBTU	17.4	17.3	17.3	17.2	18.5	18.4	18.4	18.3	18.8	18.7	18.7	18.6
	Watts W	1570	1588	1607	1626	1605	1625	1644	1663	1637	1657	1676	1696
	Heat of Rejection kBTU	28.7	28.6	28.5	28.4	29.8	29.7	29.6	29.4	30.7	30.6	30.5	30.4
	GPM	5.7	4.8	4.1	3.5	6.0	4.9	4.2	3.7	6.1	5.1	4.4	3.8
	dp FT	14.6	10.1	7.4	5.6	15.8	10.9	7.9	6.0	16.8	11.6	8.4	6.4
80.0	Cool kBTU	22.8	22.6	22.4	22.3	23.7	23.5	23.4	23.2	24.5	24.4	24.2	24
	Sens. kBTU	17.2	17.1	17.1	17	18.3	18.2	18.2	18.1	18.6	18.5	18.5	18.4
	Watts W	1634	1652	1671	1690	1671	1690	1709	1728	1704	1724	1743	1763
	Heat of Rejection kBTU	28.3	28.2	28.1	28	29.4	29.3	29.2	29.1	30.4	30.2	30.1	30
	GPM	5.7	4.7	4.0	3.5	5.9	4.9	4.2	3.6	6.1	5.0	4.3	3.8
	dp FT	14.3	9.8	7.2	5.5	15.4	10.6	7.7	5.9	16.4	11.3	8.2	6.3
85.0	Cool kBTU	22.2	22	21.9	21.7	23.1	22.9	22.8	22.6	23.9	23.8	23.6	23.4
	Sens. kBTU	17	16.9	16.9	16.8	18.1	18	18	17.9	18.4	18.3	18.2	18.2
	Watts W	1698	1716	1735	1754	1737	1756	1775	1794	1771	1790	1810	1829
	Heat of Rejection kBTU	28	27.9	27.8	27.7	29	28.9	28.8	28.7	30	29.9	29.8	29.6
	GPM	5.6	4.6	4.0	3.5	5.8	4.8	4.1	3.6	6.0	5.0	4.3	3.7
	dp FT	13.9	9.6	7.0	5.3	15.0	10.3	7.5	5.7	16.0	11.0	8.0	6.1
90.0	Cool kBTU	21.6	21.5	21.3	21.1	22.5	22.4	22.2	22	23.3	23.1	23	22.8
	Sens. kBTU	16.8	16.7	16.7	16.6	17.9	17.8	17.8	17.7	18.2	18.1	18	18
	Watts W	1762	1780	1799	1818	1802	1821	1840	1859	1838	1857	1877	1896
	Heat of Rejection kBTU	27.6	27.5	27.4	27.3	28.7	28.6	28.5	28.3	29.6	29.5	29.4	29.3
	GPM	5.5	4.6	3.9	3.4	5.7	4.8	4.1	3.5	5.9	4.9	4.2	3.7
	dp FT	13.6	9.4	6.8	5.2	14.6	10.1	7.3	5.6	15.6	10.7	7.8	5.9
95.0	Cool kBTU	21.1	20.9	20.7	20.6	21.9	21.8	21.6	21.4	22.7	22.5	22.4	22.2
	Sens. kBTU	16.6	16.5	16.5	16.4	17.7	17.6	17.5	17.5	17.9	17.9	17.8	17.8
	Watts W	1826	1845	1863	1882	1868	1887	1906	1925	1904	1924	1943	1963
	Heat of Rejection kBTU	27.3	27.2	27.1	27	28.3	28.2	28.1	28	29.2	29.1	29	28.9
	GPM	5.5	4.5	3.9	3.4	5.7	4.7	4.0	3.5	5.8	4.9	4.1	3.6
	dp FT	13.2	9.1	6.7	5.1	14.3	9.8	7.2	5.4	15.2	10.5	7.6	5.8

ARI -Cooling Rating			
ARI EWT	ARI -Entering Air	80.6 db °F	66.2 wb°F
86	Cool BTU	23480	
	EER	12.62	
	GPM	6.0	

ARI -Heating Rating			
ARI EWT	ARI -Entering Air	68 db °F	
68	Heat BTU	29800	
	COP	4.4	
	GPM	6.0	

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			
		6.0	5.0	4.3	3.7	6.0	5.0	4.3	3.7	6.0	5.0	4.3	3.7
60.0	Heat kBTU	26.8	26.3	25.9	25.6	25.8	25.3	24.9	24.6	25	24.5	24.1	23.8
	Watts W	1783	1799	1811	1820	1938	1937	1937	1936	2078	2061	2049	2041
	Heat of Absorption kBTU	20.8	20.2	19.7	19.4	19.2	18.7	18.3	18	17.9	17.4	17.1	16.8
65.0	Heat kBTU	28.8	28.2	27.8	27.5	27.7	27.2	26.8	26.5	26.9	26.3	26	25.7
	Watts W	1809	1827	1839	1849	1974	1972	1972	1971	2121	2103	2090	2080
	Heat of Absorption kBTU	22.6	22	21.5	21.2	21	20.4	20.1	19.8	19.6	19.2	18.8	18.6
68.0	Heat kBTU	30.8	30.3	29.9	29.6	29.8	29.2	28.9	28.6	28.9	28.4	28	27.7
	Watts W	1833	1852	1866	1876	2007	2005	2004	2004	2162	2142	2129	2118
	Heat of Absorption kBTU	24.6	24	23.5	23.2	22.9	22.4	22	21.7	21.5	21.1	20.7	20.5
75.0	Heat kBTU	33.1	32.6	32.2	31.9	32	31.5	31.1	30.8	31.1	30.6	30.2	29.9
	Watts W	1856	1876	1891	1902	2038	2036	2036	2035	2201	2180	2165	2154
	Heat of Absorption kBTU	26.8	26.2	25.7	25.4	25.1	24.5	24.1	23.9	23.6	23.2	22.8	22.6