

Model VI-A-602-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	20	19.8	19.7	19.5	20.8	20.6	20.5	20.3	21.5	21.4	21.2	21.1
	Sens. kBTU	14.4	14.4	14.3	14.3	15.3	15.3	15.2	15.2	15.6	15.6	15.5	15.4
	Watts W	1412	1429	1446	1462	1444	1461	1479	1496	1473	1490	1508	1525
	Heat of Rejection kBTU	24.8	24.7	24.6	24.5	25.7	25.6	25.5	25.5	26.6	26.5	26.4	26.3
	GPM	5.0	4.1	3.5	3.1	5.1	4.3	3.6	3.2	5.3	4.4	3.8	3.3
	dp FT	13.6	9.4	6.8	5.2	14.6	10.1	7.4	5.6	15.6	10.8	7.8	6.0
80.0	Cool kBTU	19.5	19.3	19.2	19	20.3	20.1	20	19.8	21	20.9	20.7	20.5
	Sens. kBTU	14.3	14.2	14.2	14.1	15.2	15.1	15.1	15	15.4	15.4	15.3	15.3
	Watts W	1470	1486	1503	1520	1503	1520	1538	1555	1533	1550	1568	1586
	Heat of Rejection kBTU	24.5	24.4	24.3	24.2	25.4	25.3	25.2	25.1	26.2	26.2	26.1	26
	GPM	4.9	4.1	3.5	3.0	5.1	4.2	3.6	3.1	5.2	4.4	3.7	3.2
	dp FT	13.3	9.2	6.7	5.1	14.3	9.9	7.2	5.5	15.2	10.5	7.7	5.8
85.0	Cool kBTU	19	18.9	18.7	18.6	19.8	19.6	19.5	19.3	20.5	20.3	20.2	20
	Sens. kBTU	14.1	14	14	13.9	15	14.9	14.9	14.8	15.2	15.2	15.1	15.1
	Watts W	1527	1544	1561	1578	1562	1579	1597	1614	1593	1611	1628	1646
	Heat of Rejection kBTU	24.2	24.1	24	23.9	25.1	25	24.9	24.8	25.9	25.8	25.7	25.6
	GPM	4.8	4.0	3.4	3.0	5.0	4.2	3.6	3.1	5.2	4.3	3.7	3.2
	dp FT	13.0	8.9	6.5	5.0	14.0	9.6	7.0	5.3	14.9	10.3	7.5	5.7
90.0	Cool kBTU	18.5	18.4	18.2	18.1	19.3	19.1	19	18.8	20	19.8	19.7	19.5
	Sens. kBTU	13.9	13.9	13.8	13.8	14.8	14.8	14.7	14.7	15.1	15	14.9	14.9
	Watts W	1585	1602	1618	1635	1621	1638	1655	1673	1653	1671	1688	1706
	Heat of Rejection kBTU	23.9	23.8	23.8	23.7	24.8	24.7	24.6	24.5	25.6	25.5	25.4	25.3
	GPM	4.8	4.0	3.4	3.0	5.0	4.1	3.5	3.1	5.1	4.3	3.6	3.2
	dp FT	12.7	8.7	6.4	4.8	13.6	9.4	6.9	5.2	14.5	10.0	7.3	5.5
95.0	Cool kBTU	18	17.9	17.7	17.6	18.8	18.6	18.5	18.3	19.5	19.3	19.1	19
	Sens. kBTU	13.8	13.7	13.7	13.6	14.6	14.6	14.5	14.5	14.9	14.8	14.8	14.7
	Watts W	1642	1659	1676	1693	1680	1697	1714	1732	1713	1731	1748	1766
	Heat of Rejection kBTU	23.6	23.6	23.5	23.4	24.5	24.4	24.3	24.2	25.3	25.2	25.1	25
	GPM	4.7	3.9	3.4	2.9	4.9	4.1	3.5	3.0	5.1	4.2	3.6	3.1
	dp FT	12.4	8.5	6.2	4.7	13.3	9.2	6.7	5.1	14.2	9.8	7.1	5.4

ARI -Cooling Rating			
ARI EWT	ARI -Entering Air	80.6 db °F	66.2 wb°F
86	Cool BTU	20100	
	EER	12.35	
	GPM	4.5	

ARI -Heating Rating			
ARI EWT	ARI -Entering Air	68 db °F	
68	Heat BTU	23960	
	COP	4.2	
	GPM	4.5	

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			
		5.2	4.3	3.7	3.2	5.2	4.3	3.7	3.2	5.2	4.3	3.7	3.2
60.0	Heat kBTU	22	21.5	21.1	20.8	21.2	20.7	20.3	20	20.5	20	19.6	19.4
	Watts W	1481	1497	1509	1517	1625	1624	1623	1623	1753	1737	1726	1717
	Heat of Absorption kBTU	16.9	16.4	16	15.7	15.6	15.1	14.8	14.5	14.5	14.1	13.8	13.5
65.0	Heat kBTU	23.5	23	22.6	22.4	22.7	22.2	21.8	21.6	22	21.5	21.1	20.9
	Watts W	1502	1520	1532	1541	1654	1653	1653	1652	1790	1773	1761	1751
	Heat of Absorption kBTU	18.4	17.8	17.4	17.1	17	16.5	16.2	15.9	15.9	15.5	15.1	14.9
68.0	Heat kBTU	25.2	24.7	24.3	24.1	24.3	23.8	23.5	23.2	23.6	23.1	22.8	22.5
	Watts W	1522	1540	1553	1563	1682	1681	1680	1679	1826	1807	1794	1784
	Heat of Absorption kBTU	20	19.4	19	18.7	18.6	18.1	17.7	17.5	17.4	17	16.7	16.4
75.0	Heat kBTU	27	26.5	26.1	25.9	26.1	25.6	25.3	25	25.4	24.9	24.6	24.3
	Watts W	1539	1559	1573	1584	1708	1707	1706	1706	1859	1840	1825	1815
	Heat of Absorption kBTU	21.8	21.2	20.8	20.5	20.3	19.8	19.5	19.2	19.1	18.7	18.4	18.1