



Performance Table for H23A623DBE

380/415-3-50Hz
R22 -Dew Point
11°K Superheat
8°K Subcooling
35°C Ambient
@380-3-50

Cond. Temp.		Nominal performance ±5% based on 72 hr run-in								Evap. Temp. 10°C
		-30°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	5°C	
25°C	Capacity	3740	4781	6532	8941	11955	15523	19593	24113	29032
	Power	2056	2172	2391	2661	2931	3150	3267	3230	2989
	Current	4.3	4.4	4.7	5.1	5.4	5.7	5.8	5.8	5.4
	MassFlow	84.4	79.0	116.7	191.6	297.6	429.0	579.7	743.8	915.5
	COP	1.82	2.20	2.73	3.36	4.08	4.93	6.00	7.46	9.71
	Efficiency									
30°C	Capacity	3038	3894	5414	7545	10235	13433	17086	21143	25552
	Power	2027	2140	2375	2683	3012	3311	3527	3611	3511
	Current	4.2	4.4	4.7	5.1	5.5	5.9	6.2	6.3	6.2
	MassFlow	72.4	54.1	73.7	125.2	202.6	300.2	412.0	531.9	654.2
	COP	1.50	1.82	2.28	2.81	3.40	4.06	4.84	5.86	7.28
	Efficiency									
35°C	Capacity	2650	3379	4725	6636	9059	11944	15239	18890	22848
	Power	2048	2143	2381	2713	3086	3449	3750	3940	3966
	Current	4.3	4.4	4.7	5.1	5.6	6.1	6.5	6.8	6.8
	MassFlow	81.9	59.5	69.8	106.8	164.7	237.4	319.0	403.7	485.5
	COP	1.29	1.58	1.98	2.45	2.94	3.46	4.06	4.79	5.76
	Efficiency									
40°C	Capacity	2416	3075	4305	6053	8268	10898	13891	17195	20758
	Power	2125	2188	2415	2755	3157	3570	3943	4223	4361
	Current	4.4	4.4	4.7	5.2	5.7	6.3	6.8	7.2	7.3
	MassFlow	93.3	75.8	85.7	117.2	164.2	221.0	281.5	339.8	390.0
	COP	1.14	1.41	1.78	2.20	2.62	3.05	3.52	4.07	4.76
	Efficiency									
45°C	Capacity	2176	2823	3994	5638	7702	10134	12883	15897	19123
	Power	2266	2282	2483	2817	3234	3683	4111	4468	4703
	Current	4.6	4.6	4.8	5.3	5.8	6.4	7.0	7.5	7.8
	MassFlow	87.3	83.4	101.9	136.7	181.9	231.6	279.8	320.7	348.2
	COP	0.96	1.24	1.61	2.00	2.38	2.75	3.13	3.56	4.07
	Efficiency									
50°C	Capacity		2462	3632	5228	7199	9491	12054	14836	17783
	Power		2432	2591	2905	3323	3792	4262	4681	4998
	Current		4.8	5.0	5.4	5.9	6.6	7.2	7.8	8.2
	MassFlow		63.0	98.9	145.9	198.2	249.7	294.6	326.9	340.7
	COP		1.01	1.40	1.80	2.17	2.50	2.83	3.17	3.56
	Efficiency									
55°C	Capacity			3059	4666	6600	8811	11245	13851	16578
	Power			2748	3027	3430	3905	4402	4868	5254
	Current			5.2	5.5	6.1	6.7	7.4	8.0	8.5
	MassFlow			57.3	125.4	193.6	255.9	306.3	338.9	347.8
	COP			1.11	1.54	1.92	2.26	2.55	2.85	3.16
	Efficiency									
60°C	Capacity				3789	5745	7931	10295	12784	15347
	Power				3188	3562	4029	4537	5037	5476
	Current				5.8	6.3	6.9	7.6	8.3	8.9
	MassFlow				55.7	148.7	230.6	295.5	337.4	350.3
	COP				1.19	1.61	1.97	2.27	2.54	2.80
	Efficiency									
65°C	Capacity					4474	6693	9043	11473	13930
	Power					3725	4169	4676	5193	5671
	Current					6.5	7.1	7.8	8.5	9.1
	MassFlow					44.1	154.5	242.7	302.7	328.7
	COP					1.20	1.61	1.93	2.21	2.46
	Efficiency									

Units: Capacity (Watt), Power(Watt), Current (Amp), Mass Flow(kg/hr), COP, Efficiency(%)

H23A623DBE Revision: 4

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