



New Website Coming Soon

Performance Table for H73A623DBE

380/415-3-50Hz
 R407C -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	3107	3974	5481	7620	10380	13755	17735	22311	27476
	Power	1623	1738	1957	2233	2517	2760	2913	2928	2755
	Current	3.8	3.9	4.2	4.6	5.0	5.3	5.5	5.4	5.1
	MassFlow	60.6	76.0	102.8	140.6	188.9	246.9	314.4	390.6	475.0
	COP	1.91	2.29	2.80	3.41	4.12	4.98	6.09	7.62	9.97
	Efficiency									
30°C	Capacity	2495	3264	4616	6541	9032	12080	15676	19811	24478
	Power	1611	1725	1965	2282	2629	2955	3213	3354	3329
	Current	3.8	3.8	4.1	4.5	5.0	5.4	5.7	5.8	5.6
	MassFlow	50.1	64.6	89.9	125.4	170.7	225.1	288.1	359.1	437.7
	COP	1.55	1.89	2.35	2.87	3.44	4.09	4.88	5.91	7.35
	Efficiency									
35°C	Capacity	2064	2774	4010	5762	8023	10784	14035	17770	21978
	Power	1627	1722	1964	2306	2697	3089	3434	3684	3788
	Current	3.8	3.8	4.1	4.5	5.0	5.5	5.9	6.1	6.1
	MassFlow	43.0	57.2	81.6	115.4	158.2	209.5	268.6	335.1	408.4
	COP	1.27	1.61	2.04	2.50	2.98	3.49	4.09	4.82	5.80
	Efficiency									
40°C	Capacity	1713	2404	3563	5182	7253	9766	12713	16086	19875
	Power	1688	1746	1972	2319	2737	3178	3592	3932	4148
	Current	3.9	3.9	4.1	4.5	5.0	5.5	6.0	6.4	6.5
	MassFlow	37.5	52.0	76.0	108.7	149.7	198.4	254.3	316.8	385.3
	COP	1.02	1.38	1.81	2.23	2.65	3.07	3.54	4.09	4.79
	Efficiency									
45°C	Capacity		2053	3176	4701	6621	8927	11609	14660	18071
	Power		1811	2005	2339	2766	3237	3703	4115	4425
	Current		4.0	4.1	4.5	5.0	5.6	6.2	6.6	6.9
	MassFlow		47.1	71.2	103.4	143.1	189.9	243.0	302.1	366.5
	COP		1.13	1.58	2.01	2.39	2.76	3.14	3.56	4.08
	Efficiency									
50°C	Capacity		1622	2748	4220	6029	8166	10623	13392	16464
	Power		1936	2078	2382	2800	3283	3783	4249	4635
	Current		4.1	4.2	4.5	5.0	5.6	6.3	6.8	7.2
	MassFlow		40.6	65.4	97.7	136.7	182.0	233.1	289.3	350.2
	COP		0.84	1.32	1.77	2.15	2.49	2.81	3.15	3.55
	Efficiency									
55°C	Capacity			2179	3637	5374	7384	9656	12182	14954
	Power			2209	2465	2856	3333	3848	4352	4795
	Current			4.3	4.6	5.1	5.7	6.4	7.0	7.5
	MassFlow			56.8	89.6	128.5	173.0	222.5	276.5	334.4
	COP			0.99	1.48	1.88	2.21	2.51	2.80	3.12
	Efficiency									
60°C	Capacity				2853	4559	6480	8606	10930	13442
	Power				2603	2950	3403	3916	4438	4922
	Current				4.7	5.1	5.8	6.5	7.2	7.8
	MassFlow				77.3	116.7	160.9	209.5	261.8	317.3
	COP				1.10	1.55	1.90	2.20	2.46	2.73
	Efficiency									
65°C	Capacity					3482	5354	7374	9535	11827
	Power					3097	3510	4002	4525	5031
	Current					5.2	5.8	6.5	7.3	8.0
	MassFlow					99.4	143.9	192.1	243.3	296.9
	COP					1.12	1.53	1.84	2.11	2.35
	Efficiency									

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

H73A623DBE Revision: 6