



## Performance Table for H25G144DBE

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		16053	20868	26504	32959	40232	48321	57225
	Power		5740	6439	7020	7483	7827	8053	8159
	Current		12.4	13.5	14.5	15.3	15.8	16.2	16.4
	MassFlow		313.9	403.6	507.1	623.9	754.0	896.9	1052.3
	COP Efficiency		2.80	3.24	3.78	4.40	5.14	6.00	7.01
30°C	Capacity		14478	19049	24428	30614	37605	45400	53998
	Power		5715	6493	7167	7737	8202	8564	8820
	Current		12.3	13.5	14.6	15.5	16.2	16.8	17.3
	MassFlow		292.4	379.9	481.4	596.5	725.1	866.8	1021.2
	COP Efficiency		2.53	2.93	3.41	3.96	4.58	5.30	6.12
35°C	Capacity		12902	17228	22349	28266	34976	42477	50770
	Power		5695	6552	7319	7996	8583	9079	9485
	Current		12.2	13.5	14.7	15.8	16.7	17.6	18.2
	MassFlow		270.2	355.7	455.4	569.0	696.3	836.9	990.5
	COP Efficiency		2.27	2.63	3.05	3.54	4.08	4.68	5.35
40°C	Capacity		11324	15405	20269	25917	32345	39553	47539
	Power		5679	6614	7474	8259	8967	9599	10154
	Current		12.2	13.6	14.9	16.2	17.3	18.3	19.3
	MassFlow		246.8	330.5	428.5	540.8	666.9	806.6	959.6
	COP Efficiency		1.99	2.33	2.71	3.14	3.61	4.12	4.68
45°C	Capacity			13581	18188	23566	29713	36628	44309
	Power			6680	7633	8524	9353	10120	10825
	Current			13.7	15.2	16.5	17.9	19.2	20.4
	MassFlow			303.6	400.2	511.2	636.4	775.3	927.8
	COP Efficiency			2.03	2.38	2.76	3.18	3.62	4.09
50°C	Capacity				16108	21216	27082	33703	41078
	Power				7792	8790	9741	10643	11497
	Current				15.4	17.0	18.5	20.0	21.5
	MassFlow				369.8	479.8	604.2	742.6	894.7
	COP Efficiency				2.07	2.41	2.78	3.17	3.57
55°C	Capacity					18867	24451	30779	37848
	Power					9057	10128	11165	12169
	Current					17.4	19.1	20.9	22.7
	MassFlow					446.0	569.7	707.7	859.7
	COP Efficiency					2.08	2.41	2.76	3.11
60°C	Capacity						21823	27856	34620
	Power						10514	11687	12839
	Current						19.7	21.7	23.8
	MassFlow						532.3	670.1	822.1
	COP Efficiency						2.08	2.38	2.70
65°C	Capacity							24937	31394
	Power							12205	13506
	Current							22.5	24.9
	MassFlow							629.2	781.4
	COP Efficiency							2.04	2.32

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

H25G144DBE Revision: 2

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