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Performance Table H23A463DBL

Measurement System: English

Switch to Metric

230/200-3-60Hz
R22 -Dew Point
20°F Superheat
15°F Subcooling
95°F Ambient
@230-3-60

Related Information

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Cond.
Temp. Nominal performance ±5% based on 72 hr run-in

																	Evap. Temp.
	Description	-20°F	-15°F	-10°F	-5°F	0°F	5°F	10°F	15°F	20°F	25°F	30°F	35°F	40°F	45°F	50°F	55°F
80°F	Capacity	9692	11597	13841	16451	19449	22863	26715	31033	35840	41162	47023	53449	60465	68095	76365	85299
	Power	1679	1763	1841	1915	1986	2054	2120	2186	2253	2321	2391	2464	2542	2624	2713	2809
	Current	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1	9.4
	MassFlow	131.1	155.0	183.4	216.5	254.6	297.9	346.6	401.1	461.5	528.0	601.0	680.7	767.2	861.0	962.1	1070.8
	EER	5.77	6.58	7.52	8.59	9.79	11.13	12.60	14.19	15.91	17.74	19.67	21.69	23.79	25.95	28.15	30.36
	Efficiency																
90°F	Capacity	8184	9961	12058	14498	17308	20512	24136	28204	32741	37772	43323	49418	56082	63341	71219	79741
	Power	1689	1823	1951	2073	2192	2307	2419	2531	2642	2753	2866	2982	3101	3224	3353	3488
	Current	6.2	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.5	8.7	9.0	9.3	9.6	10.0	10.3	10.6
	MassFlow	111.1	133.8	160.6	191.9	227.9	268.8	314.9	366.3	423.4	486.4	555.5	631.0	713.1	802.1	898.2	1001.6
	EER	4.84	5.46	6.18	6.99	7.90	8.89	9.98	11.15	12.39	13.72	15.11	16.57	18.09	19.64	21.24	22.86
	Efficiency																
100°F	Capacity	7088	8727	10664	12925	15535	18519	21902	25709	29965	34695	39924	45677	51979	58855	66330	74429
	Power	1599	1778	1951	2118	2280	2437	2592	2745	2896	3047	3199	3353	3509	3669	3834	4004
	Current	6.0	6.4	6.8	7.2	7.5	7.9	8.3	8.6	9.0	9.3	9.7	10.0	10.4	10.8	11.2	11.6
	MassFlow	100.1	122.1	148.0	178.0	212.5	251.5	295.4	344.4	398.8	458.8	524.6	596.5	674.7	759.5	851.1	949.7
	EER	4.43	4.91	5.47	6.10	6.81	7.60	8.45	9.37	10.35	11.39	12.48	13.62	14.81	16.04	17.30	18.59
	Efficiency																
110°F	Capacity		7825	9592	11662	14061	16814	19946	23481	27445	31862	36759	42159	48087	54570	61631	69296
	Power		1667	1881	2087	2289	2485	2677	2867	3055	3241	3428	3616	3805	3998	4194	4395
	Current		6.3	6.8	7.2	7.6	8.1	8.5	8.9	9.3	9.8	10.2	10.6	11.1	11.5	12.0	12.4
	MassFlow		115.0	140.6	169.9	203.3	241.1	283.5	330.6	382.8	440.4	503.4	572.3	647.2	728.3	816.0	910.4
	EER		4.69	5.10	5.59	6.14	6.77	7.45	8.19	8.98	9.83	10.72	11.66	12.64	13.65	14.70	15.77
	Efficiency																
120°F	Capacity			8775	10644	12821	15331	18200	21453	25113	29207	33760	38796	44340	50418	57054	64273
	Efficiency																

	Power	1778	2021	2257	2488	2714	2937	3156	3374	3592	3809	4028	4248	4472	4700
	Current	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1
	MassFlow	133.5	162.7	195.7	232.8	274.1	320.0	370.6	426.2	487.1	553.5	625.6	703.7	788.1	878.8
	EER	4.94	5.27	5.68	6.16	6.71	7.31	7.96	8.66	9.40	10.18	11.01	11.87	12.76	13.68
	Efficiency														
130°F	Capacity	9802	11746	14003	16598	19557	22903	26663	30860	35521	40670	46331	52531	59294	
	Power	1957	2224	2485	2741	2992	3240	3485	3728	3972	4215	4460	4707	4957	
	Current	7.1	7.7	8.3	8.8	9.3	9.9	10.4	11.0	11.5	12.1	12.6	13.2	13.7	
	MassFlow	151.6	184.7	221.6	262.5	307.6	357.2	411.6	470.8	535.3	605.2	680.8	762.4	850.1	
	EER	5.01	5.28	5.63	6.06	6.54	7.07	7.65	8.28	8.94	9.65	10.39	11.16	11.96	
	Efficiency														
140°F	Capacity	10769	12762	15072	17726	20747	24160	27992	32267	37009	42244	47997	54292		
	Power	2228	2515	2796	3072	3343	3611	3877	4142	4406	4670	4936	5205		
	Current	7.7	8.4	9.0	9.6	10.1	10.7	11.3	11.9	12.5	13.1	13.7	14.3		
	MassFlow	165.5	202.8	243.8	288.8	337.9	391.4	449.7	512.8	581.1	654.8	734.1	819.3		
	EER	4.83	5.07	5.39	5.77	6.21	6.69	7.22	7.79	8.40	9.05	9.72	10.43		
	Efficiency														
150°F	Capacity				13555	15892	18577	21634	25089	28966	33290	38087	43382	49199	
	Power				2918	3214	3505	3792	4076	4358	4639	4919	5200	5483	
	Current				9.2	9.8	10.4	11.1	11.7	12.3	13.0	13.6	14.2	14.9	
	MassFlow				213.1	258.5	307.7	361.1	418.8	481.1	548.3	620.6	698.3	781.5	
	EER				4.65	4.94	5.30	5.70	6.15	6.65	7.18	7.74	8.34	8.97	
	Efficiency														

Units: Capacity (Btu/hr), Power(Watt), Current (Amp), Mass Flow(lb/hr), EER(Btu/W-hr), Efficiency(%)

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