

R-22



Model 06DA824

Rating Date: 5/95

Rating Conditions:

65°F Return Gas Temp.

Horsepower 7.5

0°F Subcooling

Displacement 24.0

Amps @ 230-3-60

(CFM @ 60 Hz)

@ 460 Volts Multiply by .5

@ 575 Volts Multiply by .4

SATURATED SUCTION TEMPERATURE (F)

S.C.T(F)		0	5	10	15	20
80	CAPACITY (BTUH)	52058	59957	68702	78349	88956
	FLOW RATE (Lb/Hr)	637	736	845	967	1101
	POWER (KW)	4.95	5.15	5.33	5.47	5.59
	EER (BTU/WATT HR)	10.52	11.64	12.9	14.32	15.92
	CURRENT (AMPERES)	16.58	17.09	17.52	17.87	18.13
90	CAPACITY (BTUH)	47204	54620	62833	71901	81880
	FLOW RATE (Lb/Hr)	600	696	803	922	1054
	POWER (KW)	5.27	5.53	5.76	5.97	6.15
	EER (BTU/WATT HR)	8.96	9.88	10.9	12.04	13.31
	CURRENT (AMPERES)	17.35	17.93	18.44	18.89	19.26
100	CAPACITY (BTUH)	42517	49454	57141	65633	74989
	FLOW RATE (Lb/Hr)	563	656	761	876	1005
	POWER (KW)	5.54	5.85	6.15	6.43	6.67
	EER (BTU/WATT HR)	7.68	8.45	9.29	10.21	11.24
	CURRENT (AMPERES)	17.98	18.65	19.27	19.84	20.35
110	CAPACITY (BTUH)	38000	44462	51626	59548	68285
	FLOW RATE (Lb/Hr)	525	616	718	830	956
	POWER (KW)	5.75	6.13	6.49	6.83	7.14
	EER (BTU/WATT HR)	6.61	7.26	7.96	8.72	9.56
	CURRENT (AMPERES)	18.44	19.23	19.99	20.7	21.37
120	CAPACITY (BTUH)	33654	39647	46293	53648	61770
	FLOW RATE (Lb/Hr)	487	575	674	784	906
	POWER (KW)	5.90	6.34	6.77	7.17	7.56
	EER (BTU/WATT HR)	5.71	6.25	6.84	7.48	8.18
	CURRENT (AMPERES)	18.72	19.66	20.57	21.46	22.31
130	CAPACITY (BTUH)	29484	35011	41143	47937	55448
	FLOW RATE (Lb/Hr)	448	534	630	737	856
	POWER (KW)	5.99	6.49	6.99	7.46	7.91
	EER (BTU/WATT HR)	4.92	5.39	5.89	6.43	7.01
	CURRENT (AMPERES)	18.79	19.9	21	22.08	23.15

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Med/High Temperature

Nominal Performance Values +/- 5% (minimum 72 hours run in.)

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SATURATED SUCTION TEMPERATURE (F)

S.C.T(F)		25	30	35	40	45
80	CAPACITY (BTUH)	100579	113275	127100	142111	158365
	FLOW RATE (Lb/Hr)	1250	1413	1593	1789	2004
	POWER (KW)	5.66	5.7	5.70	5.65	5.56
	EER (BTU/WATT HR)	17.75	19.86	22.29	25.14	28.50
	CURRENT (AMPERES)	18.31	18.39	18.37	18.24	18.01
90	CAPACITY (BTUH)	92827	104798	117851	132041	147425
	FLOW RATE (Lb/Hr)	1199	1359	1535	1729	1940
	POWER (KW)	6.3	6.41	6.48	6.5	6.48
	EER (BTU/WATT HR)	14.74	16.36	18.2	20.31	22.74
	CURRENT (AMPERES)	19.56	19.78	19.90	19.94	19.87
100	CAPACITY (BTUH)	85264	96515	108799	122172	136692
	FLOW RATE (Lb/Hr)	1147	1304	1477	1667	1876
	POWER (KW)	6.89	7.07	7.21	7.31	7.37
	EER (BTU/WATT HR)	12.38	13.66	15.09	16.71	18.55
	CURRENT (AMPERES)	20.79	21.17	21.47	21.68	21.82
110	CAPACITY (BTUH)	77892	88428	99948	112509	126168
	FLOW RATE (Lb/Hr)	1095	1249	1418	1605	1810
	POWER (KW)	7.43	7.68	7.9	8.08	8.21
	EER (BTU/WATT HR)	10.49	11.52	12.66	13.93	15.36
	CURRENT (AMPERES)	21.99	22.55	23.04	23.47	23.82
120	CAPACITY (BTUH)	70715	80539	91299	103053	115856
	FLOW RATE (Lb/Hr)	1042	1192	1358	1542	1744
	POWER (KW)	7.91	8.24	8.53	8.79	9.01
	EER (BTU/WATT HR)	8.94	9.78	10.7	11.72	12.86
	CURRENT (AMPERES)	23.12	23.89	24.61	25.27	25.87
130	CAPACITY (BTUH)	63734	72852	82857	93807	105758
	FLOW RATE (Lb/Hr)	988	1135	1298	1478	1677
	POWER (KW)	8.34	8.75	9.12	9.46	9.76
	EER (BTU/WATT HR)	7.64	8.33	9.09	9.92	10.84
	CURRENT (AMPERES)	24.18	25.18	26.14	27.06	27.94

Nominal Performance Values +/- 5% (minimum 72 hours run in.)