

# R-22



## Model 06DA537

Rating Date: 5/95

**Rating Conditions:**

65°F Return Gas Temp.

Horsepower 15.0

0°F Subcooling

Displacement 37.0

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)	87963	100094	113502	128275	144501
	FLOW RATE (Lb/Hr)	1076	1228	1396	1583	1789
	POWER (KW)	8.59	8.94	9.24	9.47	9.63
	EER (BTU/WATT HR)	10.24	11.19	12.29	13.55	15.01
	CURRENT (AMPERES)	27.37	28.27	29.03	29.61	30
90	CAPACITY (BTUH)	81391	92805	105422	119330	134617
	FLOW RATE (Lb/Hr)	1035	1183	1347	1530	1732
	POWER (KW)	9.17	9.62	10.03	10.39	10.69
	EER (BTU/WATT HR)	8.88	9.65	10.51	11.48	12.6
	CURRENT (AMPERES)	28.76	29.85	30.83	31.67	32.36
100	CAPACITY (BTUH)	75052	85759	97597	110652	125011
	FLOW RATE (Lb/Hr)	993	1138	1299	1478	1675
	POWER (KW)	9.67	10.22	10.74	11.22	11.65
	EER (BTU/WATT HR)	7.76	8.39	9.08	9.86	10.73
	CURRENT (AMPERES)	29.97	31.25	32.45	33.56	34.54
110	CAPACITY (BTUH)	68925	78938	90007	102220	115663
	FLOW RATE (Lb/Hr)	952	1094	1251	1426	1619
	POWER (KW)	10.11	10.75	11.37	11.97	12.52
	EER (BTU/WATT HR)	6.82	7.34	7.91	8.54	9.24
	CURRENT (AMPERES)	31	32.47	33.91	35.28	36.57
120	CAPACITY (BTUH)	62991	72322	82634	94016	106554
	FLOW RATE (Lb/Hr)	911	1049	1203	1374	1563
	POWER (KW)	10.48	11.21	11.93	12.63	13.29
	EER (BTU/WATT HR)	6.01	6.45	6.93	7.45	8.02
	CURRENT (AMPERES)	31.85	33.53	35.20	36.85	38.45
130	CAPACITY (BTUH)	57231	65890	75457	86020	97665
	FLOW RATE (Lb/Hr)	870	1005	1155	1322	1507
	POWER (KW)	10.79	11.60	12.41	13.20	13.98
	EER (BTU/WATT HR)	5.3	5.68	6.08	6.52	6.99
	CURRENT (AMPERES)	32.54	34.43	36.35	38.28	40.19

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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)	162267	181661	202771	225684	250487
	FLOW RATE (Lb/Hr)	2016	2266	2541	2841	3170
	POWER (KW)	9.7	9.68	9.55	9.31	8.94
	EER (BTU/WATT HR)	16.73	18.77	21.23	24.24	28.02
	CURRENT (AMPERES)	30.18	30.11	29.79	29.17	28.24
90	CAPACITY (BTUH)	151370	169678	189626	211304	234799
	FLOW RATE (Lb/Hr)	1955	2200	2470	2766	3091
	POWER (KW)	10.91	11.05	11.09	11.02	10.84
	EER (BTU/WATT HR)	13.88	15.36	17.1	19.17	21.65
	CURRENT (AMPERES)	32.86	33.16	33.23	33.05	32.59
100	CAPACITY (BTUH)	140763	157994	176793	197248	219444
	FLOW RATE (Lb/Hr)	1894	2135	2400	2692	3012
	POWER (KW)	12.01	12.3	12.50	12.61	12.61
	EER (BTU/WATT HR)	11.72	12.85	14.14	15.64	17.4
	CURRENT (AMPERES)	35.38	36.05	36.52	36.79	36.81
110	CAPACITY (BTUH)	130425	146592	164253	183495	204406
	FLOW RATE (Lb/Hr)	1833	2070	2331	2618	2933
	POWER (KW)	13.01	13.44	13.8	14.08	14.26
	EER (BTU/WATT HR)	10.02	10.90	11.9	13.03	14.34
	CURRENT (AMPERES)	37.75	38.79	39.68	40.39	40.9
120	CAPACITY (BTUH)	120337	135452	151986	170027	189663
	FLOW RATE (Lb/Hr)	1773	2005	2261	2544	2855
	POWER (KW)	13.91	14.49	14.99	15.43	15.77
	EER (BTU/WATT HR)	8.65	9.35	10.14	11.02	12.02
	CURRENT (AMPERES)	39.98	41.40	42.71	43.87	44.87
130	CAPACITY (BTUH)	110480	124553	139972	156824	175196
	FLOW RATE (Lb/Hr)	1712	1940	2192	2471	2778
	POWER (KW)	14.72	15.42	16.07	16.66	17.17
	EER (BTU/WATT HR)	7.5	8.08	8.71	9.41	10.2
	CURRENT (AMPERES)	42.07	43.88	45.61	47.23	48.73

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