



B MODEL DAIKIN SCROLL COMPRESSORS

50HERTZ

PERFORMANCE DATA

R22

RATING CONDITIONS (ASRE)

27.8 Superheat

8.3 Subcooling

35 Ambient Air

Rated Voltage:380/420-3-50

Test Voltage:380-3-50

JT125BCBY1L

Condensing Teperature

Evaporating Temperature

(Sat Dew Pressure,Bar)

(Sat Dew Pressure,Bar)

		-20(2.4)	-15(3.0)	-10(3.5)	-5(4.2)	0(5)	5(5.8)	7.2(6.2)	10(6.8)	12.5(7.3)
60(24.3)	C					9410	11620	12430	13790	14870
	P					4670	4700	4720	4730	4750
	A					7.5	7.5	7.6	7.6	7.7
	COP					2.01	2.47	2.63	2.92	3.13
54.4(21.5)	C				8510	10270	12530	13390	14770	15900
	P				3960	4000	4020	4050	4070	4090
	A				6.9	6.9	7.0	7.0	7.1	7.2
	COP				2.15	2.57	3.12	3.31	3.63	3.89
50(19.4)	C			7110	8870	10680	12990	13900	15310	16520
	P			3670	3710	3740	3750	3760	3770	3780
	A			6.1	6.1	6.2	6.2	6.3	6.3	6.4
	COP			1.94	2.39	2.86	3.46	3.70	4.06	4.37
40(15.3)	C	5150	6460	8010	9780	11840	14300	15260	16770	18080
	P	2810	2850	2890	2920	2950	2970	3000	3030	3050
	A	5.1	5.1	5.2	5.2	5.3	5.3	5.3	5.4	5.4
	COP	1.83	2.27	2.77	3.35	4.01	4.81	5.09	5.53	5.93
30(11.9)	C	5760	7170	8880	10840	12950	15530	16540	18170	19580
	P	2220	2250	2270	2300	2320	2350	2370	2390	2410
	A	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.8	4.9
	COP	2.59	3.19	3.91	4.71	5.58	6.61	6.98	7.60	8.12

C: Capacity (Watts)

P: Power (Watts)

A: Current(Amps)

COP: (Watts/Watts)