



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

JT160BCBY1L

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					11570	14250	15390	17250	18930
	P					5630	5630	5650	5650	5670
	A					9.7	9.7	9.8	9.8	9.9
	COP					2.06	2.53	2.72	3.05	3.34
54.4(21.5)	C				10470	12780	15570	16780	18850	20610
	P				5010	5030	5030	5050	5050	5070
	A				8.5	8.5	8.6	8.6	8.7	8.7
	COP				2.09	2.54	3.10	3.32	3.73	4.07
50(19.4)	C			8550	10790	13330	16190	17500	19470	21270
	P			4440	4460	4470	4490	4510	4520	4520
	A			7.5	7.6	7.6	7.6	7.7	7.7	7.8
	COP			1.93	2.42	2.98	3.61	3.88	4.31	4.71
40(15.3)	C	5820	7670	9770	12160	14870	17920	19320	21490	23390
	P	3520	3540	3540	3560	3560	3580	3600	3620	3620
	A	6.2	6.2	6.3	6.3	6.4	6.4	6.5	6.5	6.6
	COP	1.65	2.17	2.76	3.42	4.18	5.01	5.37	5.94	6.46
30(11.9)	C	6670	8610	10820	13370	16290	19600	21020	23420	25400
	P	2770	2770	2790	2810	2810	2830	2850	2850	2870
	A	5.3	5.3	5.4	5.4	5.5	5.5	5.6	5.6	5.7
	COP	2.41	3.11	3.88	4.76	5.80	6.93	7.38	8.22	8.85

C: Capacity (Watts)

P: Power (Watts)

A: Current(Amps)

COP: (Watts/Watts)