



G MODEL DAIKIN SCROLL COMPRESSORS

50HERTZ

PERFORMANCE DATA

R410A

RATING CONDITIONS (ASRE)

27.8 Superheat

8.3 Subcooling

35 Ambient Air

Rated Voltage:380/420-3-50

Test Voltage:380-3-50

JT160G-P8Y1

Condensing Teperature

Evaporating Temperature

(Sat Dew Pt Pressure,Bar)

(Sat Dew Pt Pressure,Bar)

		-23.3(2.5)	-17.8(3.3)	-12.2(4.3)	-6.7(5.4)	-1.1(6.7)	4.4(8.1)	7.2(8.9)	10(9.8)	12.8(10.7)
65.5(42.1)	C						12140	13570	15070	16600
	P						6210	6210	6210	6200
	A						10.3	10.3	10.3	10.2
	COP						2.0	2.2	2.4	2.7
60(37.2)	C					10940	13680	15170	16790	18410
	P					5470	5470	5470	5470	5460
	A					9.2	9.2	9.2	9.2	9.1
	COP					2.0	2.5	2.8	3.1	3.4
54.4(32.7)	C				9680	12220	15110	16680	18310	20080
	P				4800	4800	4820	4820	4820	4820
	A				8.3	8.3	8.3	8.3	8.3	8.4
	COP				2.0	2.5	3.1	3.5	3.8	4.2
48.9(28.7)	C			8450	10780	13440	16420	18050	19820	21600
	P			4250	4250	4260	4260	4260	4260	4270
	A			7.6	7.6	7.6	7.6	7.6	7.6	7.7
	COP			2.0	2.5	3.2	3.9	4.2	4.7	5.1
43.3(25.1)	C		7300	9370	11760	14540	17630	19410	21190	23130
	P		3730	3730	3740	3740	3750	3750	3750	3760
	A		7	7	7	7	7	7	7	7.1
	COP		2.0	2.5	3.1	3.9	4.7	5.2	5.7	6.2
37.8(21.8)	C	6330	8100	10230	12680	15600	18850	20620	22550	24630
	P	3270	3280	3290	3300	3300	3310	3310	3320	3330
	A	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.5
	COP	1.9	2.5	3.1	3.8	4.7	5.7	6.2	6.8	7.4
32.2(18.8)	C	7030	8810	10970	13540	16520	19910	21840	23770	26010
	P	2870	2880	2890	2900	2910	2920	2930	2930	2950
	A	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	6
	COP	2.4	3.1	3.8	4.7	5.7	6.8	7.5	8.1	8.8
26.7(16.2)	C	7660	9500	11690	14310	17440	20980	22900	25130	27370
	P	2530	2540	2550	2560	2590	2600	2610	2630	2650
	A	5.3	5.3	5.3	5.4	5.4	5.4	5.5	5.5	5.5
	COP	3.0	3.7	4.6	5.6	6.7	8.1	8.8	9.6	10.3

C: Capacity (Watts); P: Power (Watts); A: Current(Amps); COP: (Watts/Watts)