



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

JT90G-P8Y1

Condensing Temperature

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						6650	7470	8350	9280
	P						3870	3810	3760	3710
	A						6.2	6.1	6.1	6.0
	COP						1.7	2.0	2.2	2.5
60(37.2)	C					5820	7440	8320	9240	10230
	P					3390	3330	3260	3210	3180
	A					5.4	5.4	5.3	5.3	5.2
	COP					1.7	2.2	2.6	2.9	3.2
54.4(32.7)	C				4980	6510	8210	9150	10110	11140
	P				2980	2910	2840	2790	2770	2730
	A				4.9	4.8	4.8	4.7	4.7	4.7
	COP				1.7	2.2	2.9	3.3	3.6	4.1
48.9(28.7)	C			4190	5610	7190	8940	9900	10960	12050
	P			2610	2550	2490	2430	2390	2360	2340
	A			4.5	4.4	4.4	4.4	4.3	4.3	4.3
	COP			1.6	2.2	2.9	3.7	4.1	4.6	5.1
43.3(25.1)	C		3430	4730	6180	7820	9670	10670	11750	12920
	P		2280	2230	2180	2130	2080	2050	2030	2010
	A		4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9
	COP		1.5	2.1	2.8	3.7	4.6	5.2	5.8	6.4
37.8(21.8)	C	2750	3910	5240	6710	8410	10340	11400	12540	13770
	P	1990	1940	1900	1860	1820	1790	1770	1750	1740
	A	3.9	3.8	3.8	3.8	3.7	3.9	3.7	3.7	3.6
	COP	1.4	2.0	2.8	3.6	4.6	5.8	6.4	7.2	7.9
32.2(18.8)	C	3130	4330	5680	7210	8970	10990	12100	13300	14590
	P	1700	1660	1620	1580	1550	1530	1520	1510	1490
	A	3.6	3.5	3.5	3.5	3.4	3.4	3.4	3.4	3.3
	COP	1.8	2.6	3.5	4.6	5.8	7.2	8.0	8.8	9.8
26.7(16.2)	C	3500	4720	6090	7650	9460	11570	12750	14040	15370
	P	1460	1420	1390	1360	1340	1320	1300	1290	1280
	A	3.3	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.1
	COP	2.4	3.3	4.4	5.6	7.1	8.8	9.8	10.9	12.0

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

