



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

JT125G-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						9430	10630	11850	13150
	P						5750	5640	5550	5460
	A						8.9	8.7	8.6	8.5
	COP						1.6	1.9	2.1	2.4
60(37.2)	C					8680	10890	12090	13350	14710
	P					4970	4850	4770	4720	4670
	A					7.8	7.6	7.5	7.4	7.3
	COP					1.7	2.2	2.5	2.8	3.1
54.4(32.7)	C				7800	9840	12110	13360	14690	16120
	P				4370	4250	4150	4090	4060	4040
	A				6.9	6.7	6.6	6.5	6.5	6.4
	COP				1.8	2.3	2.9	3.3	3.6	4.0
48.9(28.7)	C			6880	8720	10820	13190	14470	15890	17380
	P			3780	3690	3610	3560	3540	3520	3510
	A			6.3	6.2	6.1	6	5.9	5.8	5.8
	COP			1.8	2.4	3.0	3.7	4.1	4.5	5.0
43.3(25.1)	C		5980	7610	9500	11660	14120	15450	16940	18570
	P		3330	3280	3220	3170	3120	3090	3090	3110
	A		5.7	5.7	5.6	5.5	5.4	5.3	5.2	5.2
	COP		1.80	2.32	2.95	3.68	4.53	5.00	5.48	5.97
37.8(21.8)	C	5070	6550	8220	10170	12420	15020	16500	18020	19650
	P	2830	2800	2770	2750	2720	2700	2690	2700	2680
	A	5.1	5.1	5.1	5	4.9	4.9	4.8	4.8	4.7
	COP	1.8	2.3	3.0	3.7	4.6	5.6	6.1	6.7	7.3
32.2(18.8)	C	5530	7010	8760	10800	13170	15910	17400	19050	20810
	P	2410	2390	2370	2350	2330	2330	2320	2310	2290
	A	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.3	4.3
	COP	2.3	2.9	3.7	4.6	5.7	6.8	7.5	8.2	9.1
26.7(16.2)	C	5930	7470	9280	11410	13920	16810	18440	20210	22150
	P	2180	2130	2080	2040	2000	1960	1940	1930	1910
	A	4.2	4.2	4.1	4.1	4.1	3.9	3.9	3.9	3.8
	COP	2.7	3.5	4.5	5.6	7.0	8.6	9.5	10.5	11.6

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