



NN40VAAMT COMPRESSOR PERFORMANCE DATA

RATING CONDITION : 11.1°C RETURN GAS SUPERHEATED
8.4°C LIQUID SUBCOOLED
35.0°C AMBIENT

220 Volt 50 Hz R-410A

Table with 5 main sections: Capacity (W), Input (W), COP (W/W), Current (A), and Flow Rate (kg/h). Each section is a grid with Evaporating Temperature (°C) on the top axis and Condensing Temperature (°C) on the left axis.

Table with 6 columns: DOCUMENT NO., REVISED, ISSUED DATE, PAGE, WRITTEN, APPROVED. Row 1: PCS151A - T, A, 2008-09-17, 1 / 2, Chinnapong Khongsila, Dumrongsak Sompradit

**NN40VAAMT COMPRESSOR PERFORMANCE DATA**

RATING CONDITION : 11.1°C RETURN GAS SUPERHEATED
 8.4°C LIQUID SUBCOOLED
 35.0°C AMBIENT

240 Volt 50 Hz R-410A

		Evaporating Temperature (°C)						
		-10.00	-5.00	0.00	5.00	10.00	15.00	
Capacity (W)	Condensing Temperature (°C)	40.00	6520.00	7990.00	9740.00	11780.00	14080.00	16670.00
		50.00	5660.00	6900.00	8420.00	10200.00	12260.00	14590.00
		60.00	4680.00	5710.00	6980.00	8480.00	10210.00	12170.00
Input (W)	Condensing Temperature (°C)	40.00	2630.00	2690.00	2730.00	2740.00	2740.00	2710.00
		50.00	3030.00	3170.00	3260.00	3320.00	3330.00	3300.00
		60.00	3450.00	3640.00	3790.00	3910.00	4000.00	4070.00
COP (W/W)	Condensing Temperature (°C)	40.00	2.48	2.97	3.57	4.30	5.14	6.15
		50.00	1.87	2.18	2.58	3.07	3.68	4.42
		60.00	1.36	1.57	1.84	2.17	2.55	2.99
Current (A)	Condensing Temperature (°C)	40.00	11.90	12.10	12.20	12.30	12.30	12.10
		50.00	13.60	14.20	14.60	14.80	14.80	14.70
		60.00	15.10	15.90	16.60	17.20	17.70	18.20
Flow Rate (kg/h)	Condensing Temperature (°C)	40.00	132.00	160.00	193.00	230.00	273.00	320.00
		50.00	127.00	153.00	184.00	220.00	262.00	309.00
		60.00	119.00	143.00	172.00	207.00	246.00	290.00

DOCUMENT NO.	REVISED	ISSUED DATE	PAGE	WRITTEN	APPROVED
PCS151A - T	A	2008-09-17	2 / 2	Chinnapong Khongsila	Dumrongsak Sompradit