



NH52VNHT 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-22

Table with 5 main sections: Capacity (W), Input (W), COP (W/W), Current (A), and Flow Rate (kg/h). Each section has a grid of Condensing Temperature (°C) vs Evaporating Temperature (°C) with numerical values.

Table with 6 columns: DOCUMENT NO., REVISED, ISSUED DATE, PAGE, WRITTEN, APPROVED. Row 1: PCS009A - T, A, 2009-05-21, 1 / 2, Chinnapong Khongsila, Dumrongsak Sompradit

**NH52VNHT 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-22

		Evaporating Temperature (°C)						
		-10.00	-5.00	0.00	5.00	10.00	15.00	
Capacity (W)	Condensing Temperature (°C)	40.00	5870.00	7200.00	8750.00	10530.00	12540.00	14760.00
		50.00	5230.00	6460.00	7870.00	9460.00	11240.00	13210.00
		60.00	4550.00	5650.00	6910.00	8330.00	9930.00	11690.00
Input (W)	Condensing Temperature (°C)	40.00	2280.00	2360.00	2410.00	2440.00	2450.00	2430.00
		50.00	2640.00	2770.00	2870.00	2950.00	3000.00	3040.00
		60.00	3040.00	3210.00	3360.00	3480.00	3590.00	3680.00
COP (W/W)	Condensing Temperature (°C)	40.00	2.57	3.05	3.63	4.32	5.12	6.07
		50.00	1.98	2.33	2.74	3.21	3.75	4.35
		60.00	1.50	1.76	2.06	2.39	2.77	3.18
Current (A)	Condensing Temperature (°C)	40.00	10.80	11.00	11.20	11.30	11.40	11.30
		50.00	12.00	12.40	12.70	13.00	13.30	13.50
		60.00	13.40	14.00	14.50	15.00	15.40	15.80
Flow Rate (kg/h)	Condensing Temperature (°C)	40.00	124.00	151.00	181.00	215.00	254.00	296.00
		50.00	120.00	146.00	176.00	209.00	246.00	286.00
		60.00	115.00	140.00	169.00	201.00	237.00	276.00

DOCUMENT NO.	REVISED	ISSUED DATE	PAGE	WRITTEN	APPROVED
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