



NH56VNHT 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 contains a grid of values based on Evaporating Temperature (°C) and Condensing Temperature (°C).

Table with 6 columns: DOCUMENT NO., REVISED, ISSUED DATE, PAGE, WRITTEN, APPROVED. Row 1: PCS138A - T, A, 2009-04-21, 1 / 2, Chinnapong Khongsila, Dumrongsak Sompradit

**NH56VNHT 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	6410.00	7860.00	9560.00	11500.00	13690.00	16120.00
		50.00	5710.00	7050.00	8590.00	10330.00	12270.00	14420.00
		60.00	4970.00	6160.00	7540.00	9100.00	10840.00	12760.00
Input (W)	Condensing Temperature (°C)	40.00	2560.00	2650.00	2710.00	2750.00	2760.00	2740.00
		50.00	2970.00	3110.00	3220.00	3310.00	3380.00	3420.00
		60.00	3420.00	3610.00	3770.00	3920.00	4040.00	4140.00
COP (W/W)	Condensing Temperature (°C)	40.00	2.50	2.97	3.53	4.18	4.96	5.88
		50.00	1.92	2.27	2.67	3.12	3.63	4.22
		60.00	1.45	1.71	2.00	2.32	2.68	3.08
Current (A)	Condensing Temperature (°C)	40.00	12.10	12.40	12.60	12.80	12.80	12.80
		50.00	13.50	14.00	14.40	14.70	15.00	15.20
		60.00	15.10	15.80	16.30	16.90	17.40	17.80
Flow Rate (kg/h)	Condensing Temperature (°C)	40.00	136.00	165.00	198.00	235.00	277.00	323.00
		50.00	131.00	160.00	192.00	228.00	268.00	312.00
		60.00	125.00	153.00	185.00	220.00	259.00	301.00

DOCUMENT NO.	REVISED	ISSUED DATE	PAGE	WRITTEN	APPROVED
PCS138A - T	A	2009-04-21	2 / 2	Chinnapong Khongsila	Dumrongsak Sompradit