

**NH56YDAT COMPRESSOR PERFORMANCE DATA**

RATING CONDITION : 11.1 °C Return gas superheated
 8.4 °C Liquid subcooled
 35.0 °C Ambient temp.

400 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	6400.00	7850.00	9550.00	11480.00	13670.00	16100.00
	50.00	5710.00	7040.00	8580.00	10320.00	12260.00	14400.00
	60.00	4960.00	6160.00	7530.00	9090.00	10820.00	12740.00
Input (W)	Condensing Temperature (°C)						
	40.00	2340.00	2420.00	2470.00	2510.00	2510.00	2490.00
	50.00	2710.00	2830.00	2940.00	3020.00	3080.00	3120.00
	60.00	3120.00	3290.00	3440.00	3570.00	3680.00	3770.00
COP (W/W)	Condensing Temperature (°C)						
	40.00	2.74	3.24	3.87	4.57	5.45	6.47
	50.00	2.11	2.49	2.92	3.42	3.98	4.62
	60.00	1.59	1.87	2.19	2.55	2.94	3.38
Current (A)	Condensing Temperature (°C)						
	40.00	4.50	4.60	4.60	4.70	4.70	4.70
	50.00	5.00	5.10	5.30	5.40	5.50	5.60
	60.00	5.60	5.80	6.00	6.20	6.40	6.60
Flow Rate (kg/h)	Condensing Temperature (°C)						
	40.00	136.00	164.00	198.00	235.00	277.00	322.00
	50.00	131.00	160.00	192.00	228.00	268.00	311.00
	60.00	125.00	153.00	184.00	219.00	258.00	301.00

DOCUMENT NO.	REVISED	ISSUED DATE	PAGE	WRITTEN	APPROVED
PCS136A - T	A	2009-01-26	1 / 1	Chinnapong Khongsila	Dumrongsak Sompradit