

MODEL: PH300G2C-4KU1

R22 1Φ — 220 V ~ 50 Hz

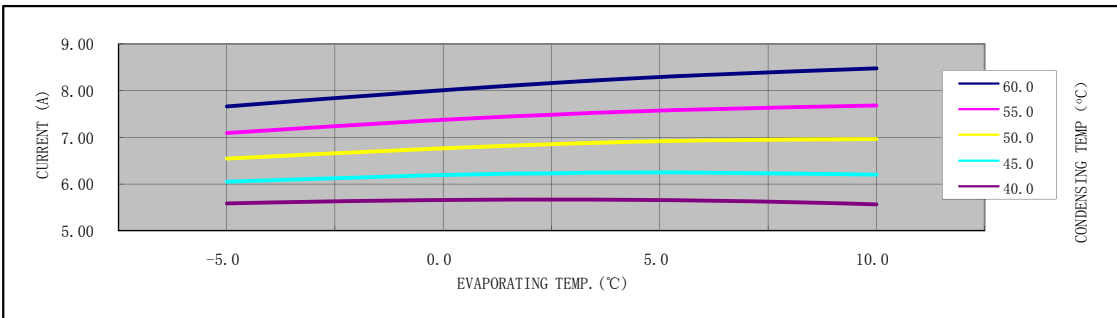
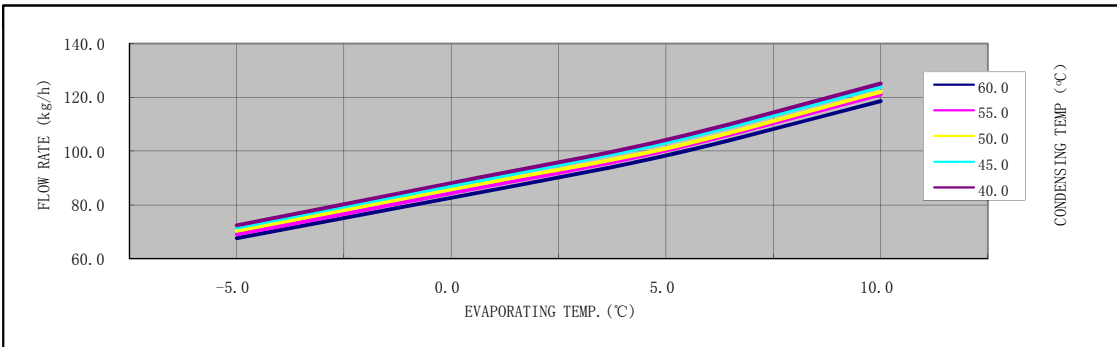
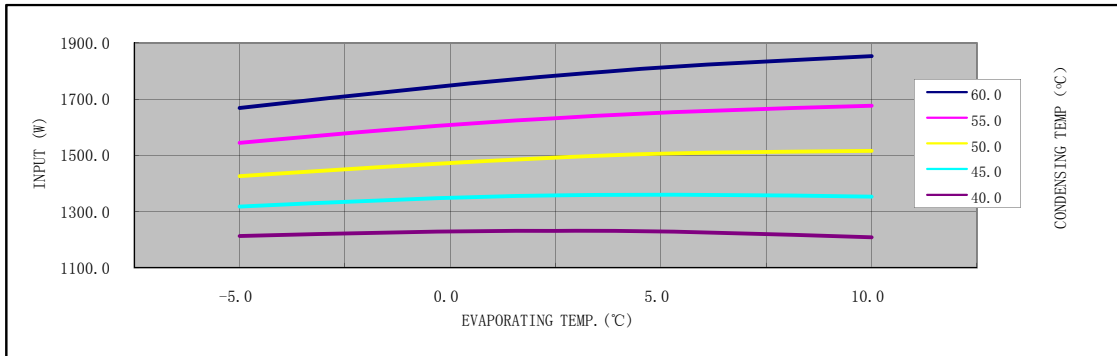
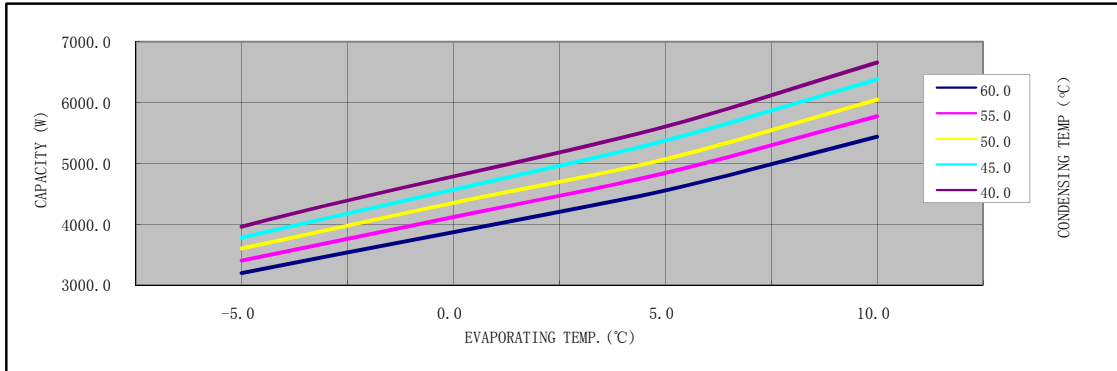
RETURN GAS TEMP. — 35 °C

SUBCOOLING — 8.3 °C

AMBIENT TEMP. — 35 °C

RUNNING CAPACITOR — 55 μF

PERFORMANCE CURVE



1、Rated condition data

Model	Displacement	Frequency	Power supply	Running capacitor	Capacity	Input power	Flow rate	Running speed	Current
	cc	Hz	V	uF	W	W	kg/h	rpm	A
PH300G2C-4KU1	29.8	50	220	55	5340.0	1645.0	110.7	2880	7.55

2、Data under different condition

Capacity(W)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	3197.6	3872.6	4556.2	5438.2
	55.0	3399.1	4115.9	4840.4	5773.2
	50.0	3599.2	4348.4	5067.5	6045.6
	45.0	3778.4	4567.3	5373.7	6378.9
	40.0	3957.6	4780.1	5602.0	6655.6

Input Power(W)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	1668.2	1748.7	1812.4	1853.0
	55.0	1544.8	1608.8	1651.5	1676.5
	50.0	1425.4	1472.5	1506.1	1516.3
	45.0	1317.3	1348.8	1360.3	1352.8
	40.0	1213.3	1229.4	1229.0	1208.8

Flow Rate(kg/h)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	67.7	82.7	98.3	118.5
	55.0	69.1	84.4	100.2	121.1
	50.0	70.4	85.9	101.0	122.0
	45.0	71.6	87.1	103.2	123.9
	40.0	72.4	88.2	104.1	125.1

Current(A)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	7.66	8.01	8.29	8.48
	55.0	7.09	7.37	7.57	7.68
	50.0	6.54	6.76	6.92	6.96
	45.0	6.05	6.20	6.25	6.21
	40.0	5.58	5.66	5.66	5.56