

# MODEL: PA240M2CS-4KU1

R410A 1Φ — 220 V ~ 50 Hz

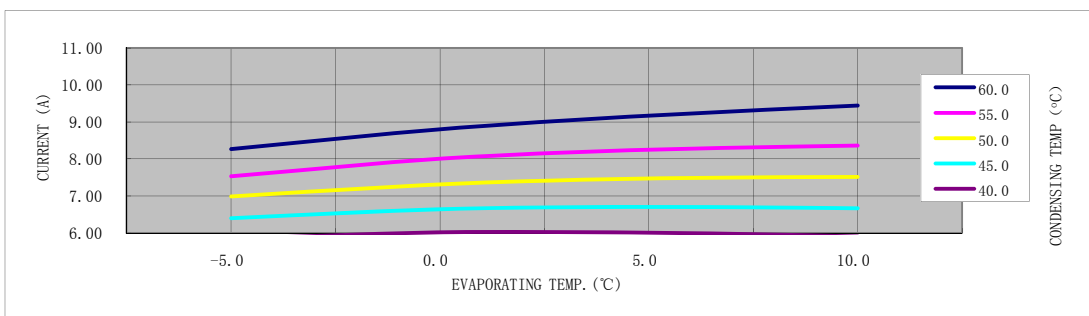
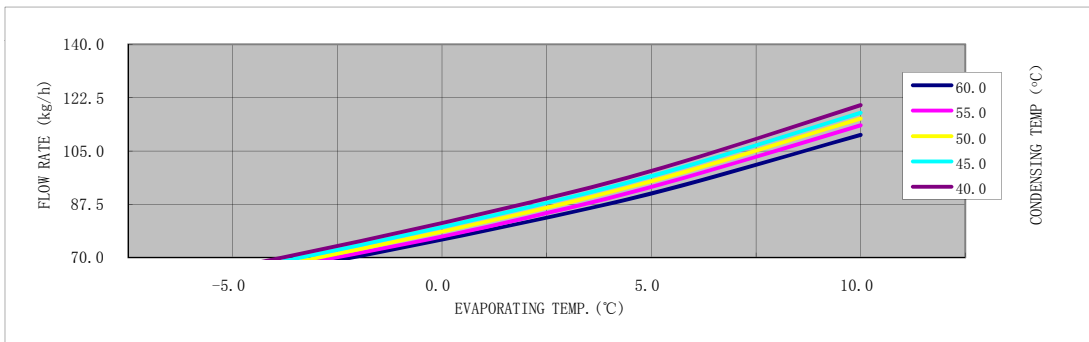
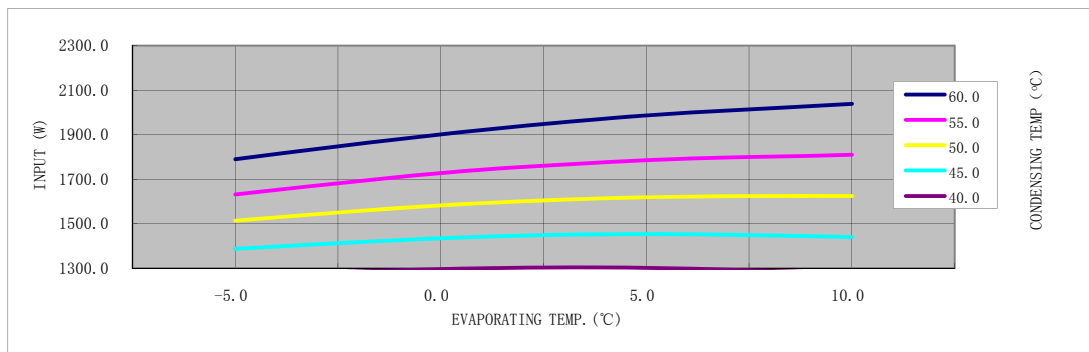
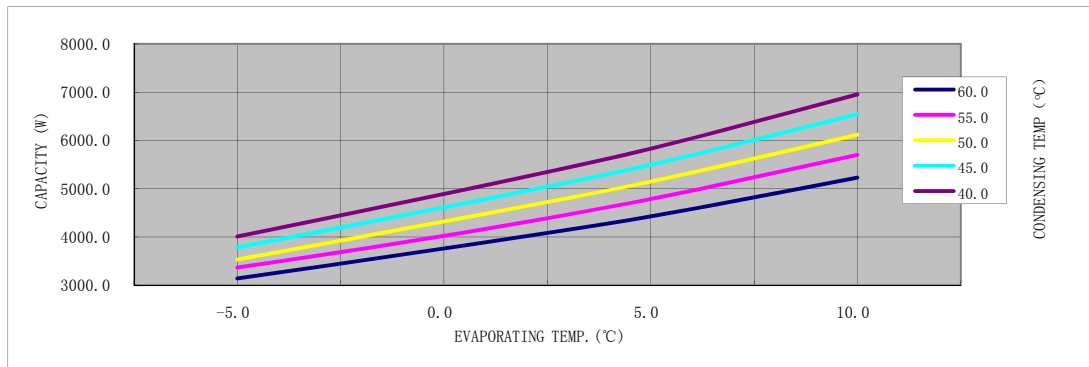
RETURN GAS TEMP. — 35 °C

SUBCOOLING — 8.3 °C

AMBIENT TEMP. — 35 °C

RUNNING CAPACITOR — 50 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
PA240M2CS-4KU1	23.9	50	220	50	5840.0	1980.0	113.3	2850	9.25

## 2、Data under different condition

Capacity(W)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	3139.0	3760.0	4425.3	5230.3
	55.0	3364.1	4021.0	4786.8	5702.0
	50.0	3529.2	4320.2	5146.7	6120.9
	45.0	3779.8	4610.5	5492.0	6541.8
	40.0	4008.1	4888.5	5828.2	6952.5

Input Power(W)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	1790.1	1901.7	1986.4	2038.4
	55.0	1631.7	1727.5	1784.6	1809.6
	50.0	1513.7	1582.3	1618.3	1624.3
	45.0	1387.1	1434.5	1453.3	1439.2
	40.0	1264.3	1295.6	1301.1	1275.6

Flow Rate(kg/h)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	62.4	75.8	91.1	110.3
	55.0	63.7	76.9	93.2	113.4
	50.0	64.3	78.5	95.0	115.6
	45.0	65.4	80.0	96.7	117.6
	40.0	66.6	81.3	98.4	120.0

Current(A)		Evaporating Temp.(°C)			
		-5.0	0.0	5.0	10.0
Condensing Temp.(°C)	60.0	8.26	8.80	9.18	9.45
	55.0	7.53	8.01	8.26	8.37
	50.0	6.99	7.32	7.48	7.52
	45.0	6.40	6.65	6.71	6.67
	40.0	5.84	6.01	6.00	5.91