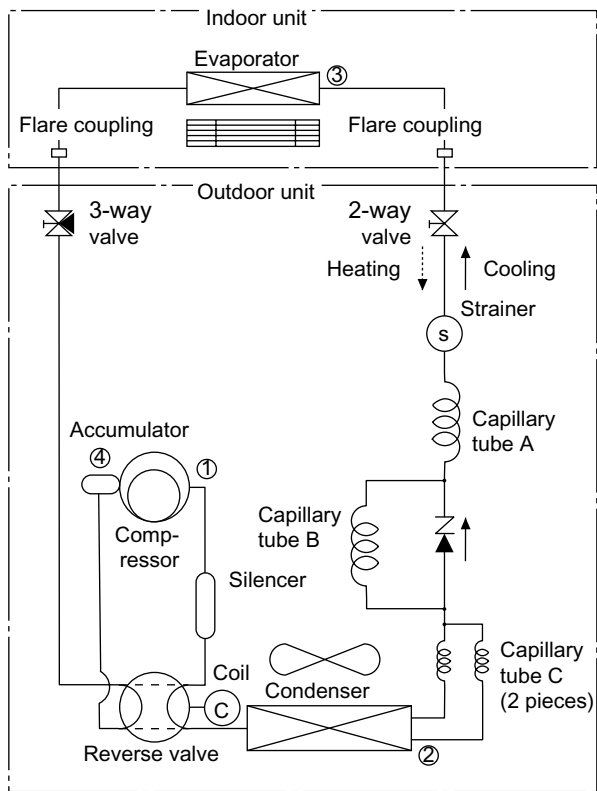


**[1] REFRIGERATION CYCLE**



Temperature at each part and pressure in 3-way valve

Model	AY-AP12FHR	
No. Condition	Cooling	Heating
1	77°C	68°C
2	41°C	3°C
3	12°C	31°C
4	12°C	1°C
3-way valve pressure(MPaG)	0.93	2.70

Conditions

	Indoor side		Outdoor side	
	Temperature (°C)	Relative humidity (%)	Temperature (°C)	Relative humidity (%)
Cooling	27	47	35	40
Heating	20	-	7	87

Dimension of capillary tube

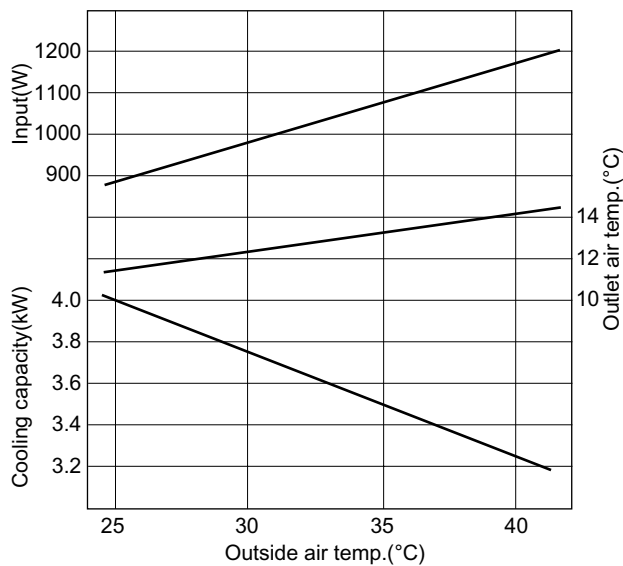
	O.D.	I.D.	L
Capillary tube A	φ2.7	φ1.5	600
Capillary tube B	φ2.7	φ1.5	700
Capillary tube C	φ2.7	φ1.5	500

**[2] PERFORMANCE CURVES**

NOTE

- 1) Indoor fan speed: Hi
- 2) Vertical adjustment louver "45°, Horizontal adjustment louver "front"
- 3) Indoor air temp. : Cooling 27°C, Heating 20°C
- 4) Power source : 230V, 50Hz

**1. At Cooling**



**2. At Heating**

