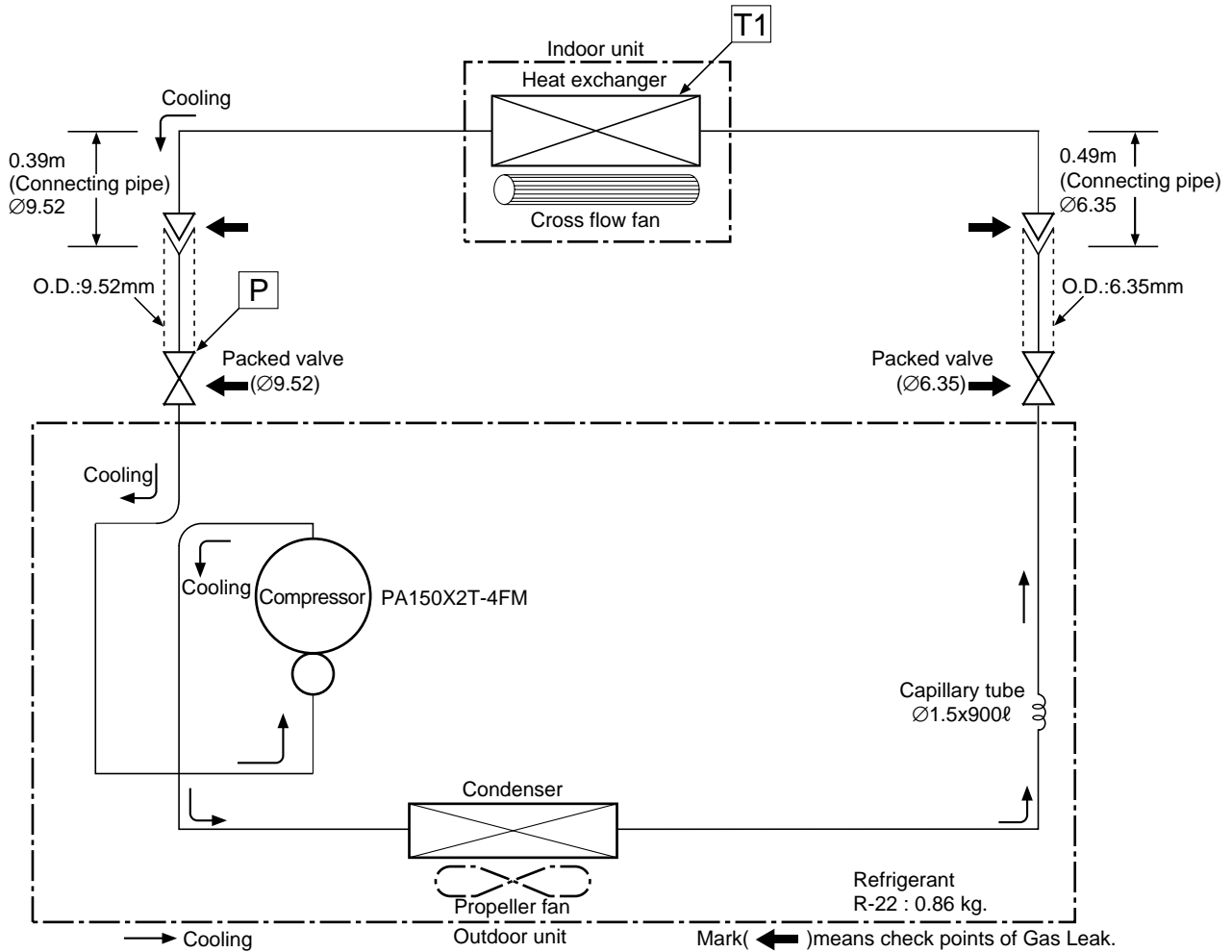


## 5. REFRIGERATION CYCLE DIAGRAM

### 5-1. RAS-13UKP-ES / RAS-13UA-ES

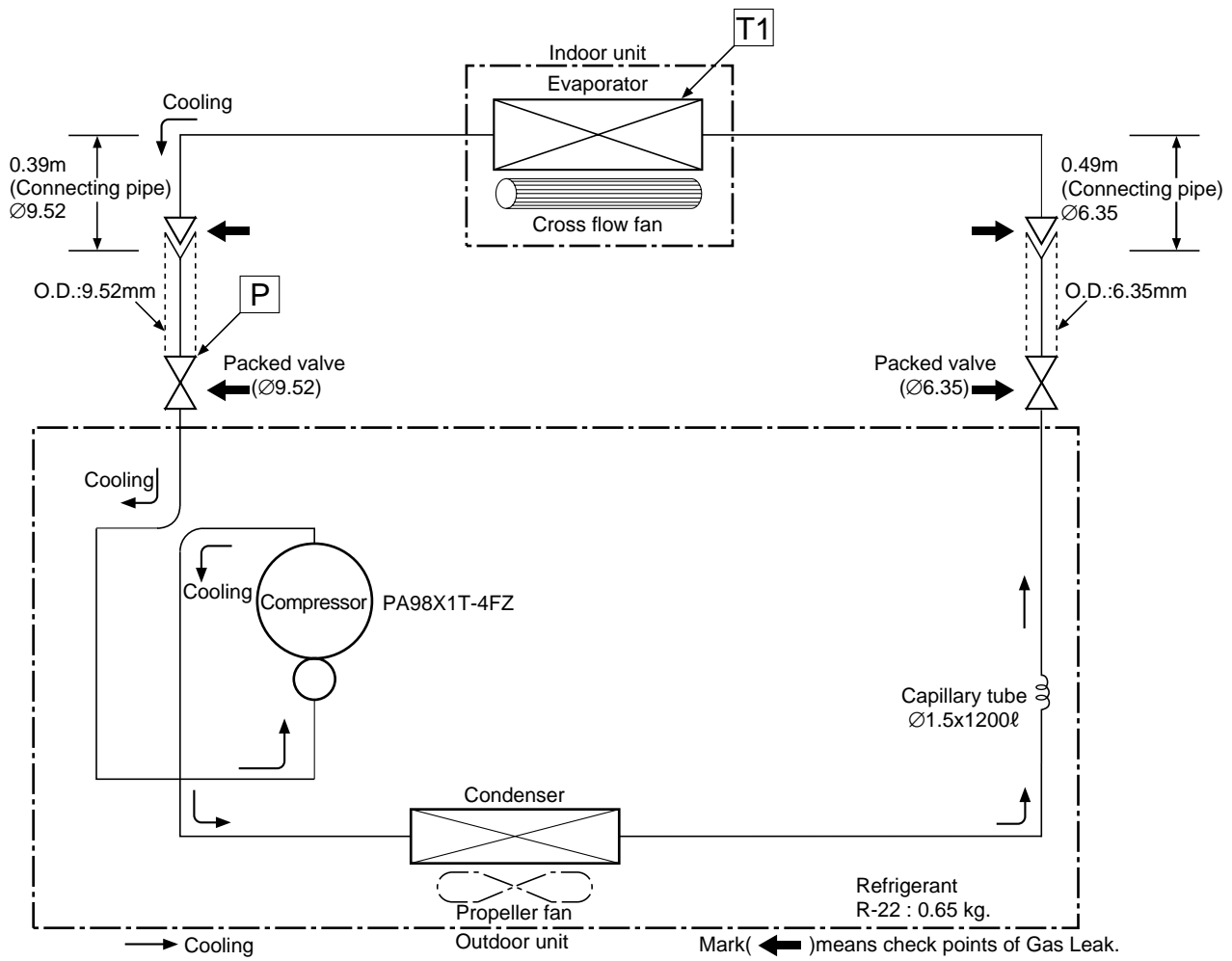


50Hz		Standard pressure <b>P</b> (MPaG)	Surface temp. of heat exchanger interchanging pipe <b>T1</b> (°C)	Fan speed (indoor)	Ambient temp. conditions DB/WB (°C)	
					Indoor	Outdoor
Cooling	Standard	0.95	10.0	High	27/19	35/24
	Overload	1.15	13.0	High	32/23	43/26
	Low temperature	0.65	2.0	Low	21/15	21/15

**Note :**

- Measure the heat exchanger temperature at the center of U-bend. (By means of TC sensor)

5-2. RAS-10UKP-ES / RAS-10UA-ES

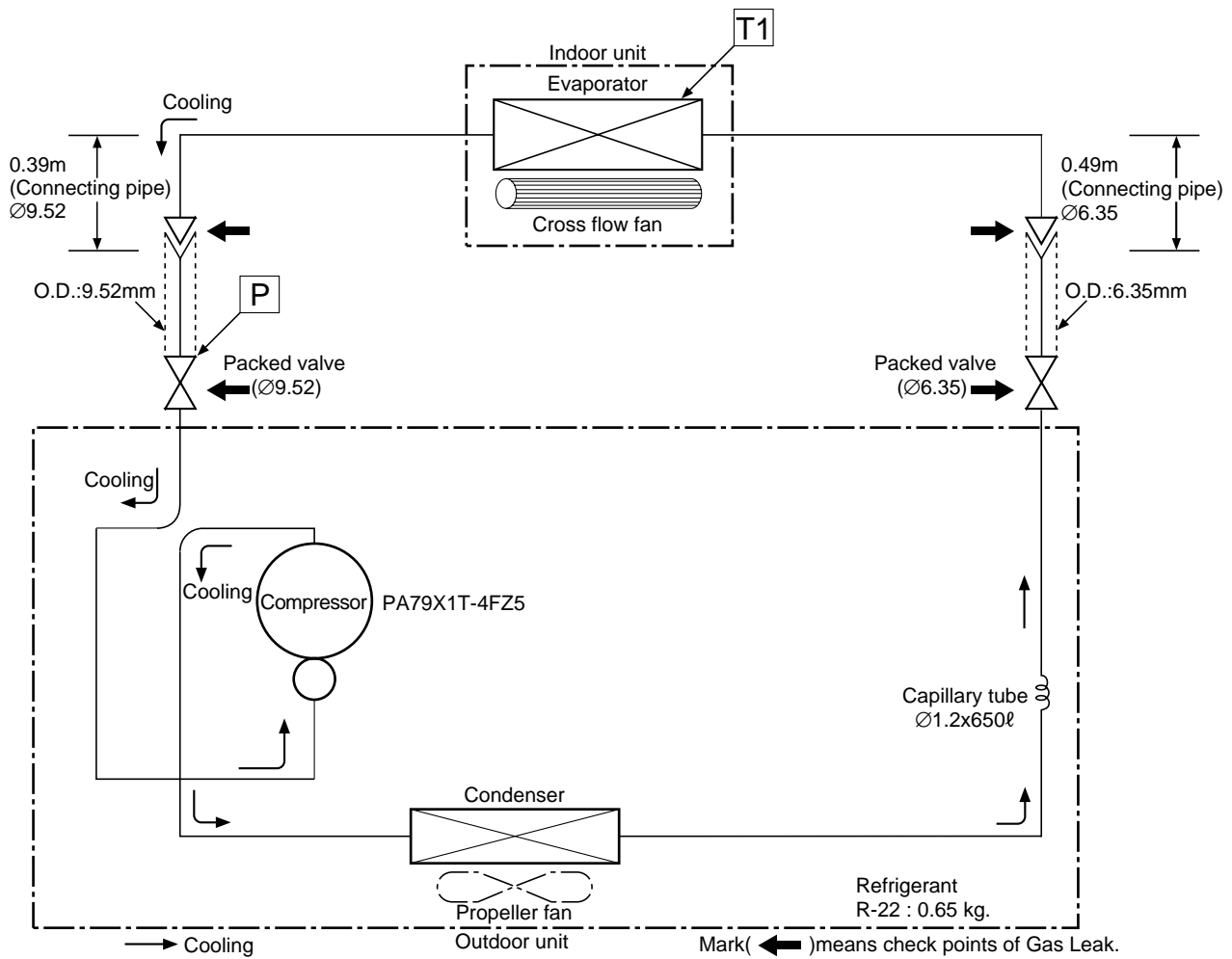


50Hz		Standard pressure <b>P</b> (MPaG)	Surface temp. of heat exchanger interchanging pipe <b>T1</b> (°C)	Fan speed (indoor)	Ambient temp. conditions DB/WB (°C)	
					Indoor	Outdoor
Cooling	Standard	0.86	12.0	High	27/19	35/24
	Overload	1.12	18.0	High	32/23	43/26
	Low temperature	0.61	2.0	Low	21/15	21/15

**Note :**

- Measure the heat exchanger temperature at the center of U-bend. (By means of TC sensor)

5-3. RAS-07UKP-ES / RAS-07UA-ES



50Hz		Standard pressure <b>P</b> (MPaG)	Surface temp. of heat exchanger interchanging pipe <b>T1</b> (°C)	Fan speed (indoor)	Ambient temp. conditions DB/WB (°C)	
					Indoor	Outdoor
Cooling	Standard	0.97	14.0	High	27/19	35/24
	Overload	1.13	20.0	High	32/23	43/26
	Low temperature	0.63	2.0	Low	21/15	21/15

**Note :**

- Measure the heat exchanger temperature at the center of U-bend. (By means of TC sensor)