

TAV-2



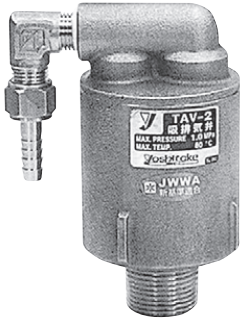
JWWA approval

■Features

1. Sucks in air promptly when pressure becomes negative in piping or tank, preventing back flow.
2. Intakes / Exhausts air automatically as required.

■Specification

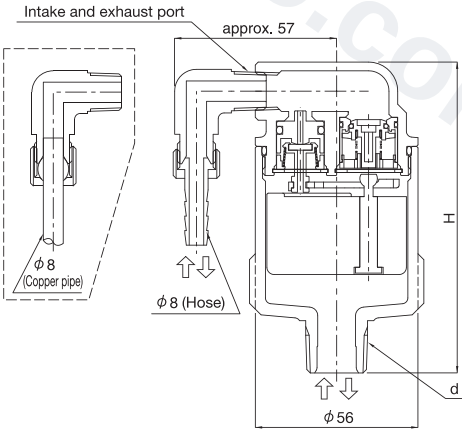
Application		City water
Working pressure		0.05-1.0 MPa
Operating pressure of air intake valve		-1.0 kPa {-100 mmAq} or less (air intake less than pressure 0)
Maximum temperature		0-80°C (no freeze condition)
Material	Body	Cast bronze (NPb-treated)
	Float	Synthetic resin
	Exhaust packing	Synthetic rubber
	Connection port	JIS R
Connection	Intake and exhaust port	JIS Rc 1/4 (φ 8 hose joint)



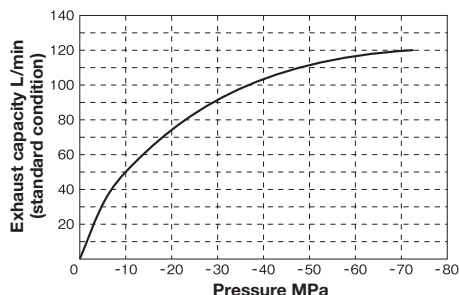
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■Dimensions (mm) and Weights (kg)

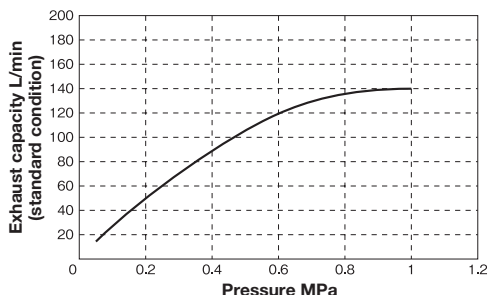
Nominal size	d	H	Intake and exhaust port	Weight
15A	Rc 1/2	107	Rc 1/4	0.8



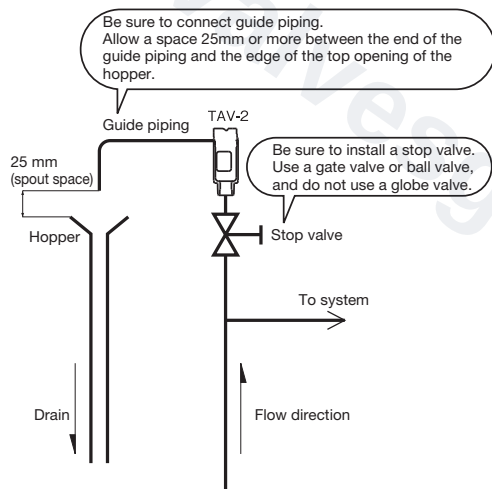
■ Intake/Exhaust Capacity Chart



■ Exhaust Capacity Chart



■ Piping Example



■ Precautions for Installation

- In anticipation of water leakage from the air inlet or outlet of the product, connect induction piping to the air inlet and outlet, and guide it to the hopper (drain ditch). Keep a clearance of 25 mm or more between the end of the induction piping and the overflow line of the hopper.
- * When hot water is used, its leakage may cause burns or contamination in the area where the product is installed.
- Before connecting the product, carefully wash the inside of piping to remove dirt, scale, etc.
- When connecting the product to piping, pay attention to the quantity and application position of sealing agent or where to attach seal tape.
- Do not disassemble the product.
- Prepare enough space for inspections, maintenance, and repairs. Do not install the product under the roof or inside the wall.
- Vertically install the product in a position where air tends to accumulate.
- Use a stop valve (gate valve, ball valve, cock, etc.) for maintenance and inspections in any case. Do not use a globe valve.
- Drain water when the atmospheric temperature is low, in winter for example, or water is not to be used for a long period of time.