

TA-18ML

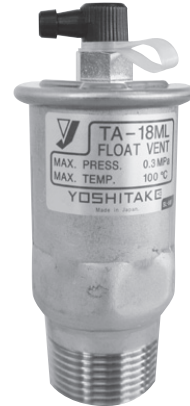
Air Vent Valve/Vacuum Breaker/Air Vent Valve with Vacuum Breaker

■ Applications

Hot water boiler Water heater

■ Features

1. Body and cap are made of stainless steel and main parts (float) are made of synthetic rubber.
2. Easy to clean by removing the valve seat even if scale or dirt deposits on the valve disc or valve seat.
3. Vinyl hose (hose bore ϕ 6mm) can be connected easily to the TA-18ML. Do not remove the end cap while usage. (Please refer to Fig.1).
4. Even if water leaks out of the TA-18ML due to failure, it can be stopped immediately by removing the end cap and tightening the joint cap, ensuring safety. (Please refer to the Fig.1.)



TA-18ML

■ Specifications

| | | |
|---------------------|--------|-----------------------------|
| Application | | Cold and hot water |
| Working pressure | | 0.01-0.3 MPa |
| Maximum temperature | | 100°C |
| Material | Body | Stainless |
| | Float | Heat-resistant resin |
| | Disc | FKM |
| Connection | Inlet | JIS R |
| | Outlet | Hose joint type (joint cap) |

Some internal parts and valve seat are made with brass.

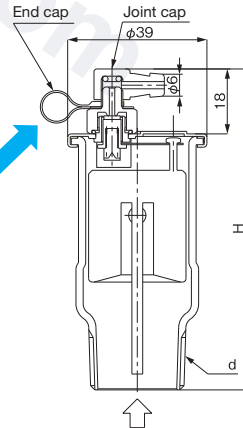
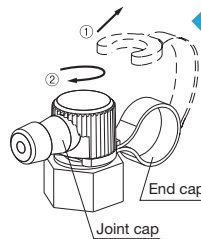


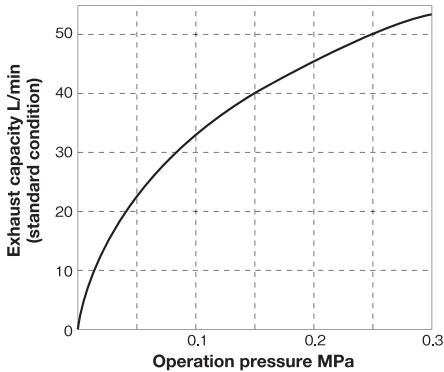
Fig. 1

■ Dimensions (mm) and Weights (kg)

| Nominal size | d | H | Weight |
|--------------|--------|----|--------|
| 6A | Rc 1/8 | 83 | 0.12 |
| 10A | Rc 3/8 | 87 | 0.13 |
| 15A | Rc 1/2 | 89 | 0.13 |
| 20A | Rc 3/4 | 89 | 0.13 |



■ Exhaust Capacity Chart



■ Precautions for Installation

- Remove foreign matter and scales from the lines and install the valve vertically where the air likely gathers.
- Prepare enough space for inspections, maintenance, and repairs.
- Please tighten by hand for nominal size 6A and 10A, (Do not use tools) Otherwise, the nominal size 15A and 20A can be tightened by spanner since the body is provided by hexagonal part. Make sure to put spanner (32mm) on the hexagonal part.
- Utilize together with AO-2 air out (air separator) that may enhance the effectiveness.
- Lead to the vinyl hose to the outlet side of the product to safety place in case water spray out by scale inside piping and air discharge in the initial stage of water passing.
 - * When hot water is used, its leakage may cause burns or contamination in the area where the products is installed.
- After tightening the joint cap, install the hose and lead to the drainage outlet and fix the joint cap to avoid the loosening of joint cap.
 - * Install the outlet side to the safety place in case water leakage occurred.
 - * When hot water is used, its leakage may cause burns or contamination in the area where the products is installed.