AF-17N Type Air Vent Valve

for Building Equipments, Apartments, Hot Water Boiler etc.

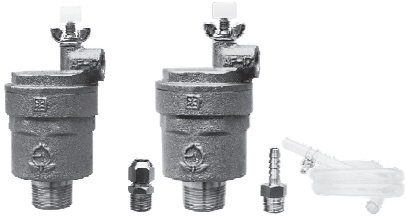
Made of bronze, 1.0MPa

Small air vent valve for pipeline, hot water boiler, fan coil, small to medium pressure tank, solar system etc.

Besides venting air, the valve can also absorb air when there is negative pressure.

Dispersing method allows stable operation and prevents air venting with water.

Air vent valve with bronze body.The outlet is in a shape of female screw, or with union joint or tube joint.



w/union joint w/tube joint

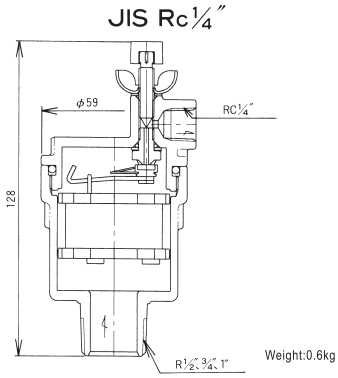
FEATURES

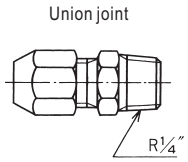
- Compact design applicable pressure up to 1.0MPa.
- With manual stopping device.

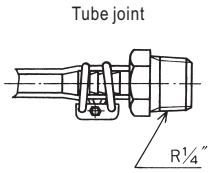
SPECIFICATIONS

Model name	AF-17N		
Code name	AF17N-FU	AF17N-FT	AF17N-FS
Outlet connection type	With union joint	With tube joint	Screwed JIS Rc¼″
Size	15 20 25(½″ ¾″ 1″)		
Applicable fluid	Water & hot water		
Fluid temperature	5~100℃		
Applicable pressure	Max. 1.0MPa		
End connection	Screwed JIS R		
Materials	Body(Cast bronze), Disc(Synthetic rubber), Float(Polypropylene)		
Valve body pressure test	Hydraulic 1.75MPa		
Accessories	Union joint Outside diameter Φ8 for copper tube	Tube joint, Hose band Vinyl tube(500mm)	—

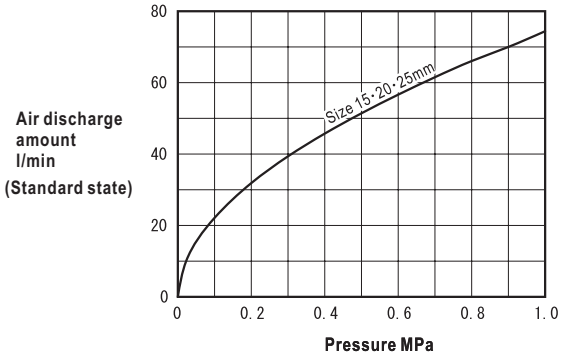
CONSTRUCTION



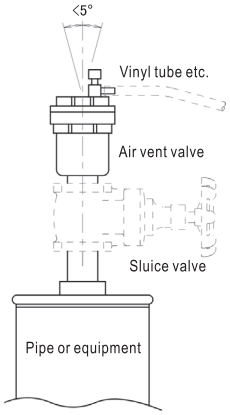




AIR DISCHARGE CHART



PIPING EXAMPLE



POINTS FOR INSTALLATION

- Install the product vertically to pipe (deviation of verticality: 5°).
- Before installation, remove all foreign matters in pipe and equipment.
- Install stop valve at the inlet side to allow water supply to be stopped before maintenance works. Use sluice valve or ball valve that can be switched between water and air.
- In the case of indoor installation, extend the valve with vinyl tube or pipe to drain ditch. The end of such tube or pipe for discharge should not be submerged into water.
- Turn the switch to stop water leakage.
- Apply thermal insulation on air vent valve if there is risk of freezing.