

B1003-... Automatic Exhaust Valve Series



**Automatic Exhaust Valve
B1003-...Series
Threaded Connection
PN10, PN16, PN25**

Performance & Features:

When air is present in the system, it accumulates in the upper part of the exhaust valve. The accumulation of air bubbles causes the float to drop as the water level falls, thereby opening the exhaust port. After the air is completely discharged, the water level rises, the float rises accordingly, and the exhaust port closes.

- ◆ Nominal diameter: DN15...DN25;
- ◆ Continuous, uninterrupted air release capability with high and consistent efficiency, maintenance-free.
- ◆ Closure of valve via bonnet to enable manual air release.
- ◆ Solid brass valve body, sturdy and durable.
- ◆ Connection to the atmosphere during system draining, ensuring long service life.
- ◆ Rapid exhaust during system filling, eliminating air resistance during system operation.
- ◆ Low fluid resistance, with minimal scouring and erosion on the sealing surfaces by the medium;
- ◆ Flexible operation, simple structure and excellent manufacturability.

Applications:

This series of exhaust valves is typically installed on pipelines conveying media in projects including buildings, apartments, office buildings, complexes, data centers and factories, such as water supply and drainage, cold and hot water, water treatment, as well as primary and secondary hot water supply pipelines. They effectively eliminate air resistance and air blockage in the system, protect end-use equipment and improve operating efficiency.

Model Designation:

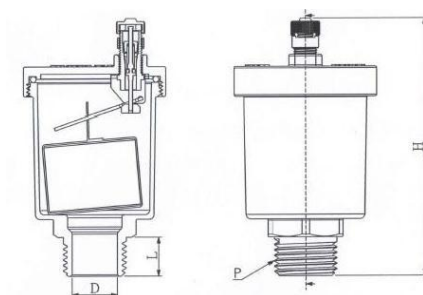
For example: B1003-10-10P

1. "B10": Exhaust Valve;
2. "0": Quick Exhaust Valve;
3. "3": Threaded Connection;
4. "-10": Nominal Diameter DN10;
5. "-" separator;
6. "16/10" Nominal Pressure, PN16/PN10;
7. "P": Stainless steel, "T": Brass; "Q": Ductile Iron; "B": Bronze;

Technical Specification:

PN (Nominal Pressure)	PN10, PN16, PN25
Connection Standard	Threaded connection ISO228/1 (or EN10226)
Working Temperature	-15°C - 130°C (For other temperatures, please consult the ZIGTOO representatives for details)
Body	Brass
Seal	EPDM
Float	Polyethylene

Dimension Chart



Model	DN	D	L	H
B1003-15-16T	DN15	½"	11	70
B1003-20-16T	DN20	¾"	11	70
B1003-25-16T	DN25	1"	11	70