



## Compound Water Valve High Speed Exhaust Valve With Micron Valve

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: DY-AV-18
- Minimum Order Quantity: 10PCS
- Price: USD2-USD20000 each
- Packaging Details: carton box+ ply wooden cases or carton+ Pallets
- Delivery Time: 20 days for usual order, 7 days for stocked items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 1000pcs one month



### Product Specification

- Highlight: Compound Water Valve,  
Water Valve High Speed,  
High Speed Exhaust Valve



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## Product Description

The composite exhaust valve is used at the highest point on the pipeline or at the place with closed air to exhaust the gas inside the pipeline and clear it. The pipeline can achieve normal operation. If no exhaust valve is installed, the liquid flowing inside the pipeline will generate dynamic heat and cause gas. Forming a section of the pipeline to ensure that the water output meets the design requirements. Secondly, there is a power outage or shutdown during the operation of the pipeline. Negative pressure in the pump pipeline can cause pipeline vibration or rupture, and the exhaust valve quickly sucks air into the pipeline, Prevent pipeline vibration or rupture.

### Features:

The float of the exhaust valve is made of low-density PPR and composite material, which can be used even if it is high for a long time. Soaking in warm water will not cause deformation. It will not cause difficulty in floating the buoy.

The float lever is made of hard plastic, and the connection between the lever and the float and support is movable, Therefore, it will not cause corrosion during long-term operation, resulting in the system not working and water leakage.

The sealing end face of the lever is supported by springs, which can expand and contract with the movement of the lever, ensuring sealing performance without exhaust.

When installing the exhaust valve, it should be installed together with the isolation valve, so that when the exhaust valve needs to be removed for maintenance, the system can be sealed and water cannot flow out.

### Performance:

Under no water or pressure, both the float and valve disc fall into the casing. When the pipeline is filled with water, a large amount of air is discharged from the large exhaust port. As the air is almost exhausted, water begins to enter the valve and float it up. The float then lifts the valve disc, blocking the large exhaust port and preventing water from flowing out. After the valve disc blocks the large exhaust port, as long as the water and gas in the pipeline are under pressure, the valve disc will not fall. At this point, if the air in the pipeline accumulates to a certain amount in the exhaust valve, it will fall down due to the reduced buoyancy of the float, and the air will be discharged from the small exhaust hole of the guide rod. After the air is exhausted, the float rises again to block the small exhaust hole. When negative pressure is generated in the pipeline, both the valve disc and float are sucked down, and a large amount of air is replenished from the large exhaust port.

### Application:

The compound exhaust valve is used for pipe exhaust of independent heating system, central Hydronics, heating boiler, central air conditioning, floor heating and solar heating system. Because water usually contains a certain amount of air, and the solubility of air decreases with the increase of temperature, gas gradually separates from the water during the circulation process and gradually accumulates to form large gas.

Bubbles and even gas columns often generate gas due to the addition of water. The appearance of the exhaust valve effectively solves this problem.



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