

Double Orifice Air Release Valve Supplier in UAE



UAE Valve is a premier [Double Orifice Air Release Valve Supplier in UAE](#). This valve is important in any system that involves pressurization of fluids and gasses in order for proper flow control to be achieved. It has two orifices to improve air removal functions as opposed to the conventional air release valves to ensure good operation of the system and absence of air problems.

Working Mechanism:

The purpose of this valve is to release the air automatically from the pipeline, which may get locked at times, and lead to the formation of pockets that are a cause of inefficiency or even pipe damage.

There are two holes on the valve, and these facilitate the expulsion of air, making use of the valve to operate more efficiently in the systems. This

makes the design of two orifices so that air is expelled out at a fast rate with appropriate pressure and stability being upheld constantly.

Key Design Features:

- **Dual Orifice Structure:** The valve design has two orifices which allow for better air removal in contrast to the scenario whereby there is only one orifice, minimizing risks of the formation of air pockets that disrupt the flow.
- **Automatic Functionality:** It works self-automatically and manages to expel air into the system all by itself, without requiring any intervention.
- **Durable Construction:** Made from superior materials that enhance their durability in respective environments, coupled with durability in the operational capabilities that are desirable in modern applications.

Advantages:

- **Enhanced Efficiency:** The features such as the use of the dual-orifice mechanism enable the efficient removal of air, thus enhancing the current efficiency and reliability of the system.
- **Reduced Risk of Air Pockets:** In its operation, the valve reduces the likelihood of the formation of enclosed air, which poses high risks to damage the system and its efficiency.
- **Low Maintenance:** Automated systems do not require constant intervention as opposed to manual systems, making them easier to maintain.
- **Versatility:** Used in water treatment, industrial processing of chemicals, minerals, and oils, as well as in the extraction and processing of oil and gas.

Applications:

- **Water and Waste Treatment:** Maintains a smooth flow of air in the treatment systems to achieve efficiency when evacuating the same.
- **Chemical Processing:** Provides protection from air-related issues while dealing with aggressive chemicals.
- **Oil and Gas Production:** Responsible for the proper removal of air in high-pressure premises.
- **Power Generation Plants:** Regulates the flow and pressure of power generation and supplies it where required in an appropriate amount.
- **Marine and Shipping Industry:** Adapted to work under extreme and unfavorable conditions common with maritime industries.
- **Mining and Mineral Processing:** Discharges reliable air release, especially in extreme conditions.

If you're looking for the [Double Orifice Air Release Valve Supplier in UAE](#), you will find UAE Valve to be reliable.

Description:

1. Body Material- ductile iron, cast iron, WCB,WCC, WC6, LCB, LCC
2. Size- 1/2" to 8"
3. Pressure No- PN6 to PN25
4. Class- 150 to 300
5. Ends- Flanged

Why Choose UAE Valve?

- **Quality Assurance:** Our valves are made from the highest quality of materials, hence making our products durable.
- **Expert Guidance:** The professionals of our team will assist you to identify the most suitable valve depending on their usage.
- **Timely Delivery:** Our delivery is fast so that your projects do not get delayed due to our services.

Visit us today:

<https://www.uaevalves.com/product-category/double-orifice-air-release-valve/>

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