

D-046 SERIES COMBINATION AIR VALVE

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PRODUCT NOTICE

The D-046 series Combination Air Valve improves hydraulic operation by protecting the pipeline, increasing pipeline efficiency and reducing energy requirements. It provides high-capacity air release and intake.

D-046 has the features of both an air release valve and an air & vacuum valve. **The air release component** is designed to automatically release small pockets of air to the atmosphere as they accumulate along a pipeline or piping system when it is full and operating under pressure. **The air & vacuum component** is designed to automatically discharge or admit large volumes of air during filling or draining. This valve will open to relieve negative pressures whenever water column separation occurs.



/ Benefits & Features

- **Triple Function** Combines the features of both an air and vacuum valve and an air release valve. The air and vacuum component discharges large volumes of air during filling of the system and admits large volumes of air during drainage and at water column separation. The air release component releases trapped air in pressurised systems
- **Dynamic Design** The dynamic design allows for high velocity air discharge while preventing premature closure
- **Reliable & Durable** This valve has a simple and reliable structure, it is light and has small dimensions. The one-piece lightweight body lessens the chance of theft and vandalism
- **Insect-proof Outlet** Screened threaded outlet for vent pipe connection
- **Leak-free Seal** Rolling seal for leak-free sealing over wide range of pressure differentials
- **Non-Corrosive** All internal operating parts are made from specially selected non-corrosive and durable materials

/ Specifications and Applications

- ✓ Working pressure range: 0.1- 16 bar
- ✓ Maximum operating temperature: 60°C
- ✓ Maximum intermittent temperature: 90° C
- ✓ For installation:
 - ✓ Pump stations: after the pump and after the check valve
 - ✓ Downstream (after) and upstream (before) of shut-off valves
 - ✓ After deep-well pumps
 - ✓ On long constant-sloped pipeline segments
 - ✓ At peaks along the pipeline and at peaks relative to hydraulic gradient
 - ✓ At end lines
 - ✓ Before water meters
 - ✓ On strainers and filters

/ Materials

- ✓ Reinforced nylon
- ✓ All operating parts are made of specially selected, corrosion- resistant materials

/ Ordering Information

CATALOGUE NUMBER	DESCRIPTION	PRICE PER UNIT
70500-000009	50 mm Dynamic air valve - D-046	R4 650.00

**For more information, please speak to your Technical Advisor
or send an email to infoza@netafim.com**