

ARV-1-A 25 mm MBSP Combination Air Release Valve

Application

Designed to efficiently extract the air trapped in pipes and filter systems.

Features

- One seal which expels both kinetic and residual air automatically, regardless of water pressure.
- Exclusive Y shaped air discharge outlet allows a much greater air flow than in other valves in both the intake and discharge phase.
- Simple design with only five parts. Is easy to disassemble for cleaning and maintenance.
- Red coloured body for easy field identification.

ARV-2-KA 50 mm MBSP Combination Air Release Valve

Application

Designed to efficiently extract the air trapped in pipes and filter systems

Features

- Unique double seal system, one for kinetic performance and another for permanent automatic control.
- Triangular discharge outlet and low density float ensures water tightness. No water discharge regardless how slowly the system is pressurised or emptied.
- Polyurethane main seal resistant to fertiliser and system cleaning chemicals.
- Screen in outlet elbow to prevent entry of foreign material.
- 32 mm FBSP outlet to allow for pipe plumbing exhaust.
- Red coloured body for easy field identification.

Operation

1. Expels air from the pipe network as the lines fill. When the water reaches the interior of the valve the float rises and seals the discharge outlet.
2. Continually expels air automatically when residual pockets of air reach the valve. Air pockets are expelled regardless of water pressure.
3. Prevents vacuum and subsequent pipe collapse because as soon as pressure is decreased the float drops, opening the seal and allowing outside air into the pipe system.

Specifications

- Inlet: 25 mm (1") MBSP
- Seals at 20 kPa water pressure.
- Maximum working pressure: 1200 kPa.
- Air volume extracted at 70 kPa is 24.5 m3/hr.
- Fibreglass reinforced Polyamide body and base for UV protection.



Ordering Information

Code	Description
1014900	ARV-1-A 25 mm MBSP Air Release Valve
1014900SPK	ARV-1-A Valve Service Kit

Operation

1. Expels air from the pipe network as the lines fill. When the water reaches the interior of the valve the float rises and seals the discharge outlet.
2. Continually expels air automatically when residual pockets of air reach the valve. Air pockets are expelled regardless of water pressure.
3. Prevents vacuum and subsequent pipe collapse because as soon as pressure is decreased the float drops, opening the seal and allowing outside air into the pipe system.

- Maximum working pressure: 1600 kPa.
- Air volume extracted at 30 kPa is 370 m3/hr.
- Fibreglass reinforced Polyamide body and base for UV protection.



Specifications

- Inlet: 50 mm (2") MBSP
- Seals at 20 kPa water pressure.

Ordering Information

Code	Description
1014901	ARV-2-KA 50 mm MBSP Air Release Valve
1014901SPK	ARV-2-KA Valve Service Kit