



# UNIRAIN ARV-1"-K

## 1" Kinetic Air Release Valve

### DESCRIPTION

Designed to efficiently extract the air trapped in pipes, filters, tanks and other places where unwanted air might cause performance problems.

Owing to a perfect fit, the valve is totally sealed even at very low pressures. Simple in design, with just five parts, it's easy to unassemble for cleaning when needed.

Its neck features a built-in filter to prevent undesired objects, such as insects or leaves, from getting into the valve.

Due to its exclusive inner design, the float is not dragged up by the air stream, even when air overtakes sound speed in the outlet. Only water will get the valve shut.

The body and base are made of fiber-glass reinforced polyamide and treated for protection from UV radiation.

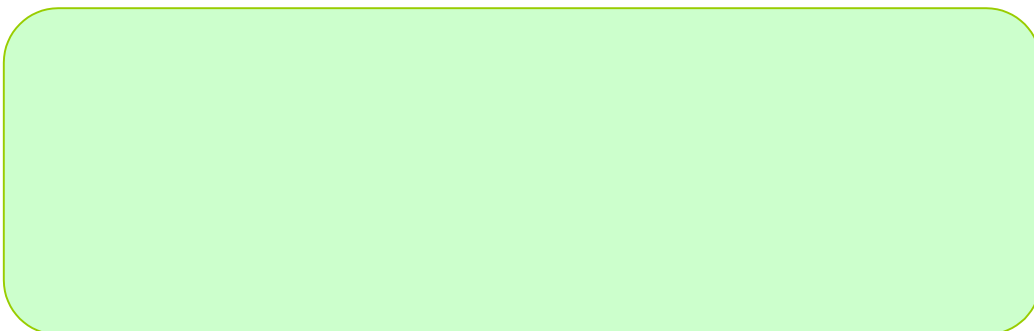
### PERFORMANCE

The valve performs two functions:

It **extracts** the air trapped in pipes as they fill. When water reaches the inside of the valve, the float rises shutting the outlet.

It **protects** pipe crush, cause, if depressure happens, the float drops, opening the outlet and allowing air to enter the pipes, returning the atmospherical pressure to their inside.

### DISTRIBUTOR



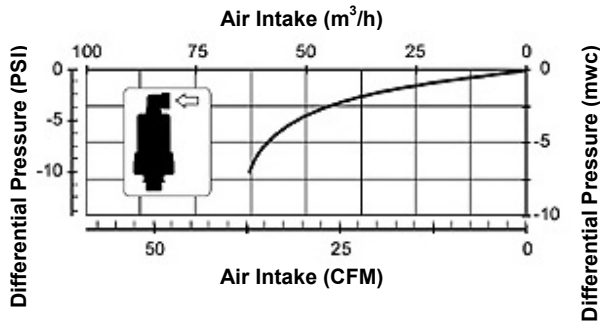
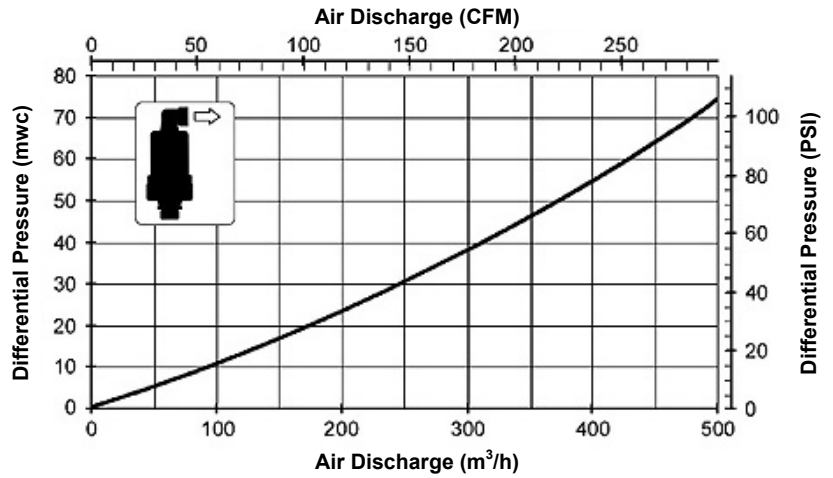
#### Technical Specifications

- \* Kinetic air release valve.
- \* At least 295 CFM of air released without having the valve shut while no water present.
- \* Released air volume is at least 26 CFM at 5 PSI
- \* Working pressure of at least 225 PSI.
- \* Body and base made of fiber-glass reinforced polyamide. Treated for protection from UV radiation. Brass base also available.
- \* 1" M base thread.
- \* 3/4" H threaded outlet includes filter.

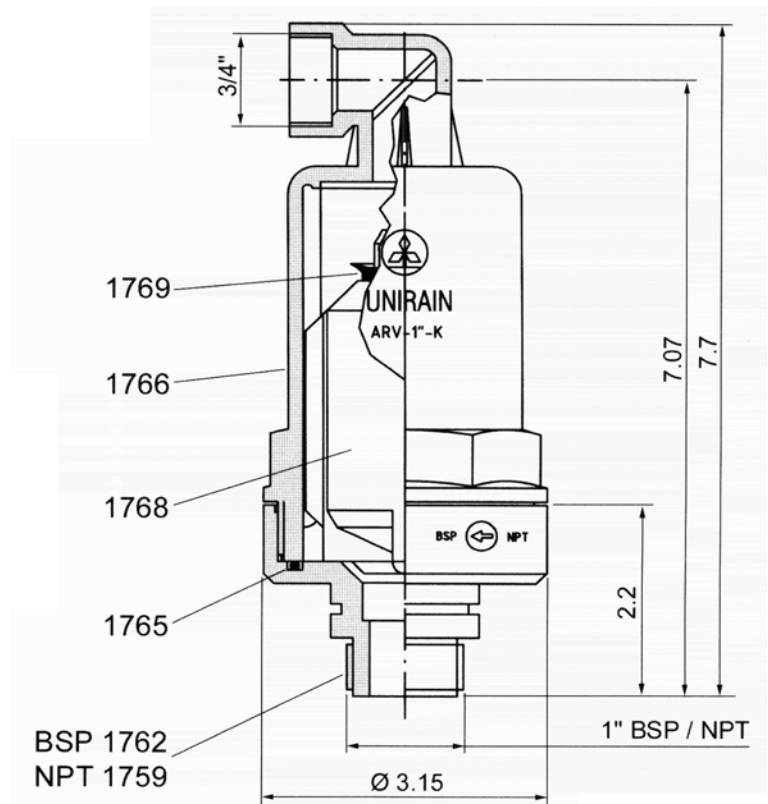
## Measuring units

M<sup>3</sup>/h = cubic meters per hour  
 Mwc = meters of water column  
 CFM = Cubic Feet per Minute  
 PSI = Pounds per Square Inch

1 CFM = 1.699 m<sup>3</sup>/h  
 1 PSI = 0.70307 mwc



Code	Description	Material
1759	1" NPT base	Polyamide+Fiber.Glass
1762	1" BSP base	Polyamide+Fiber.Glass
1755NPT	1" NPT base	Brass
1755BSP	1" BSP base	Brass
1766	Body	Polyamide+Fiber.Glass
1768	Float	Expanded Polypropylene
1769	Main seal	EPDM
1765	O-Ring	NBR



Measures in inches.  
 (1 inch=25.4 millimeters)  
 Weight=0.7559 lb.  
 (1 lb=453.6 gr.)

## WARRANTY AND EXCLUSIONS

The manufacturer guarantees its products for direct customer against any defects in materials or manufacture for a period of two years from the original date of purchase, as long as the products have been used under normal operating conditions. The manufacturer assumes no responsibility for installation, removal or repairs carried out by unauthorized personnel. The manufacturer's liability under this warranty is limited to the replacement or repair of defective parts and the manufacturer does not accept responsibility for damages to crops or any other consequential damages deriving from defects in the products covered by this warranty.

**THE PRESENT WARRANTY SUPERCEDES AND VOIDS ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES OR ANY OTHER ATTRIBUTING LIABILITY TO THE MANUFACTURER.**

No agent, employee or representative of the manufacturer is authorized to void, alter or add to the conditions contained in this warranty, nor to take responsibility for, nor to make guarantees not specified herein.