

TECHNICAL DATA SHEET

Air release valves: double effect air release valve

SDE

Product Description

Double effect air release valve

Product picture



Characteristics

Maximum working temperature: 60 °C.
 Working pressure: 0,2÷15 bar at 20°C.

Applications

The tested design allows a greater air release capacity for the same size of the air valve.
 As a safety valve, it ensures maximum protection in irrigation systems.

Benefits, operation and materials

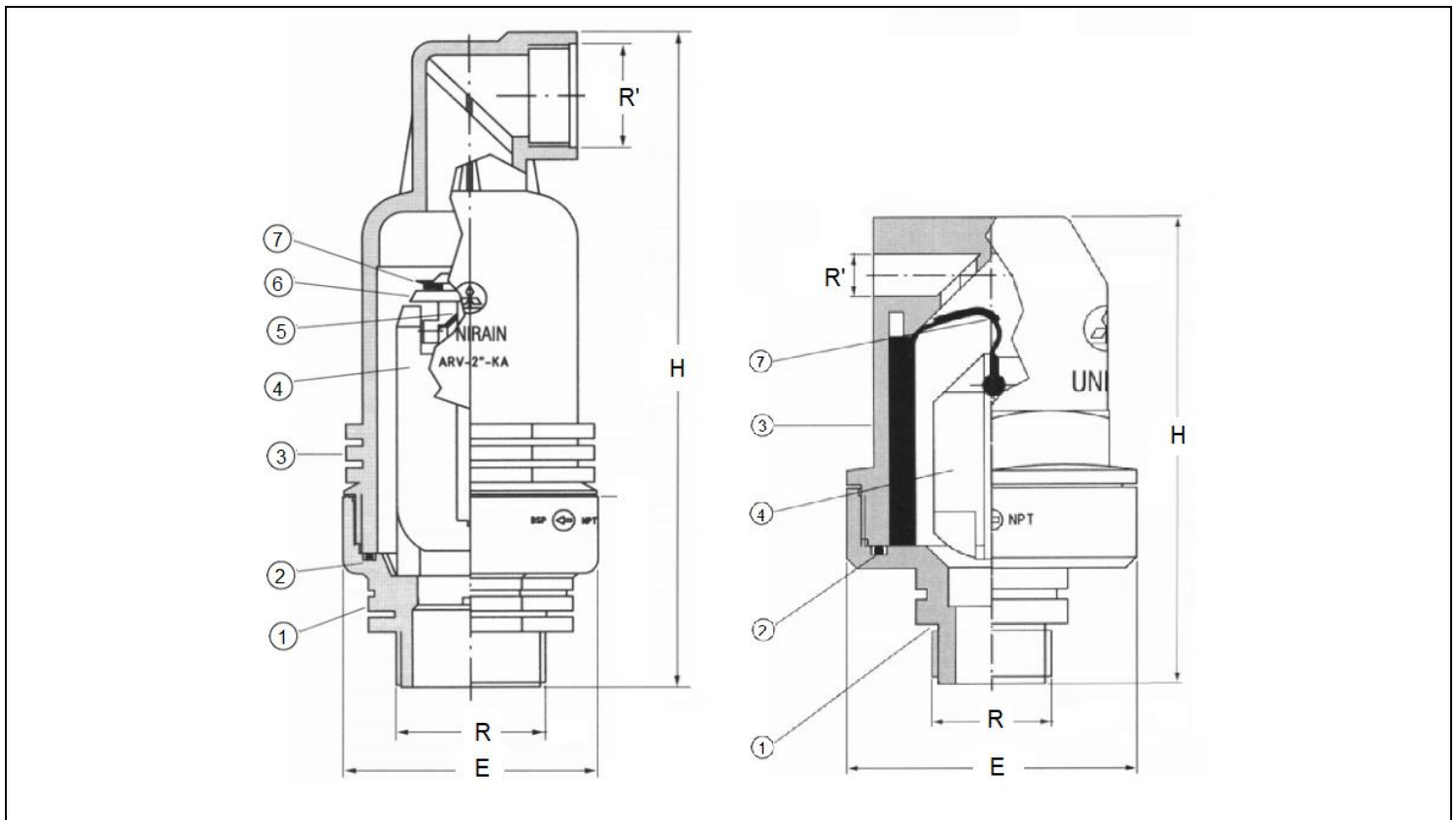
Operation:

- Ejection: during pipe filling, the air valve opens allowing air release;
- Air intake: during the emptying of the pipes, the valve allows the air to return, avoiding pipe damaging;
- Ejection of the residual air: the valve allows to constantly discharge any small quantities of air present during system operation.

Materials (see the technical design)

- 1 – Base: grey nylon.
- 2 – O-ring body -cap: NBR.
- 3 – Body: red nylon.
- 4 – float: white expanded polypropylene.
- 5 – Secondary gasket: EPDM.
- 6 – Floating support: red nylon.
- 7 – Main seal: EPDM.

Technical design



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Table1. – Dimension

R	H	E	R'
<i>inch</i>	<i>Mm</i>	<i>mm</i>	<i>Inch/mm</i>
1"	133	80	12 mm
2"	270	100	1"

Applicable standards			
Code	Title	Edition	Certificate
UNI EN 10226-1	Pipe threads where pressure tight joints are made on the threads - Part 1: Taper external threads and parallel internal threads - Dimensions, tolerances and designation	2006	□

Use and/or assembly instructions

In order to avoid leakage at low pressure, fasten the thread by using the Teflon (two rounds).

Packaging

Table 2.

Measure	Pack	Box	Type
1"	1	20	5
2"	1	8	5

Notes e annexes