

TECHNICAL DATA SHEET

Air release valves: triple effect air release valve

STE

Product description

Triple effect air release valve.

Product picture



Characteristics

Maximum operating pressure: 60 °C.
 Working pressure: 0,2÷10 bar at 20 °C.

Applications

Its proven design provides more air release capacity than other air release valves of similar size.
 Being a safety valve, it ensures maximum protection of the irrigation system.

Benefits, operation, materials

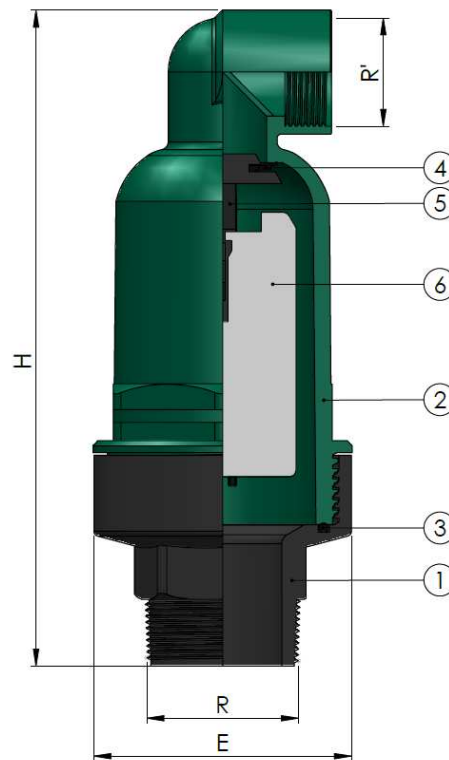
Functioning:

- Expulsion: during the filling of the pipes, the valve opens allowing the expulsion of air;
- Air intake: when emptying the ducts, the valve allows the air to return, avoiding its damage;
- Expulsion of residual air: the valve allows to constantly expel any quantities of air present during operation of the system.

Materials (see technical design):

- 1 – Body: black nylon.
- 2 – Cover: green nylon.
- 3 – O-ring body-cover: nitril rubber (NBR).
- 4 – Gasket: nitrile rubber (NBR).
- 5 – Floating support: black polypropylene.
- 6 – Float: white expanded polystyrene

Design



Technical data

Table 1. Dimensions

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

Applicable standards

Code	Title	Edition	Certification
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

It is recommended to put two turns of teflon on the threads to avoid leakage at low pressure.

Packaging

Table 2.

Size	Pack	Box	Type
2"	1	6	B

Notes and Annexes