PLUMBVENT™
Low-lead automatic air vent

NA502640A

Function
Float type automatic air vent designed to vent air from water at high points in plumbing system piping. Example applications include risers, domestic hot water storage tanks and recirculation system pump inlets.

The automatic air vent is installed in the vertical position in parts of the system where a concentration of air pockets is to be expected. It is supplied complete with a safety hygroscopic cap that automatically closes the air discharge in case of contact with water.

This vent is certified by ICC-ES to be in compliance with the International Plumbing Code (IPC), International Residential Code (IRC), Uniform Plumbing Code (UPC), National Plumbing Code of Canada (NPC). It is certified by ICC-ES to be in compliance with standard NSF/ANSI 372-2011, California Health and Safety Code 116875 S.3874 (AB1953), and Vermont S152.

Product Range
Code NA502640A  Low-lead automatic air vent with threaded connections..........................................................................................................size 1/2" NPT male

Technical specification

Materials
- Body & cover: DZR low-lead brass (<0.25% Lead content)
- Seals: peroxide-cured EPDM
- Float: Moplen EP548S

Performance
Suitable fluids: Water
Max. working pressure: 150 psi (10 bar)
Max. discharge pressure: 90 psi (6 bar)
Max. discharge flow rate: 1.75x10^{-9} scfm (50 Nl/m)
Max. working temperature: 240°F (115°C)

Certifications

Connections
- NPT male: 1/2"

Dimensions

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<tr>
<th>Code</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>Wt (lb)</th>
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<tr>
<td>NA502640A</td>
<td>1/2&quot; MNPT</td>
<td>3</td>
<td>1</td>
<td>1/4</td>
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Operating mechanism
The function of this device is guaranteed by an operating mechanism specially designed to vent when system pressure is high.

Antivibration and antirotation system on the float
This guarantees that in the rest position the air relief valve will not be affected by any movement of the float.

Construction details

Operating instructions
The automatic air vent comes complete with a safety hygroscopic cap that automatically closes the air discharge in case of contact with water. The hygroscopic cap does not provide an airtight seal, even when closed. If pressure testing is required, replace the hygroscopic cap with a plastic cap (Caleffi code R56214) or install an isolation valve beneath the vent. For normal automatic venting, this cap should be screwed down finger tight.

SPECIFICATION SUMMARIES

NA502640A

We reserve the right to change our products and their relevant technical data, contained in this publication, at any time and without prior notice.