

CA1 Automatic Air Vent

Instructions



Thank you for choosing the **Fernox CA1 Automatic Air Vent**. To use your appliance more efficiently please read the operation instructions.

1. General warnings



- The **Fernox CA1 Automatic Air Vent** can be used for water and water/glycol mixtures (max. 50%).
- Installation and maintenance may only be carried out by a qualified installer.
- Incorrect installation may render the warranty invalid.
- The **CA1 Automatic Air Vent** must be connected to a heating/cooling system.
- Touching the product in operation may cause burns.
- In the event of a fault, contact your installer immediately.
- For indoor use only.
- Warranty is two years after the date of purchase.

2. Safety Precautions



- Do not use the **CA1 Automatic Air Vent** for purposes other than it's intended use.
- Do not use the **CA1 Automatic Air Vent** for drinking water, oil and dangerous or inflammable substances.
- When working on the **CA1 Automatic Air Vent** always ensure there is no pressure in the system and let it cool down.

3. Scope of delivery

- 1 x **CA1 Automatic Air Vent**
- 1 x **CA1 Automatic Air Vent ½" Cap**
- 1 x Instructions
- Quick Start Guide
- Each Quick Start Guide has a QR-scan code with a direct link to this user manual.

4. Efficiency Advice

Regular servicing of the **CA1 Automatic Air Vent** can help improve system efficiency and reduce energy consumption.

5. Main functions and components

The **Fernox CA1 Automatic Air Vent** is designed to release unwanted air and other gasses.

½" male thread connection for pressure testing or remote venting of unwanted air

Float-controlled vent valve

Nickel-plated brass body

System connection ½" for vertical installation



6. Installation

- The **CA1 Automatic Air Vent** should be mounted at the highest point of the system and at any points where air pockets may occur (**Figure 1**).
- It must be installed vertically within a 2° angle (**Figure 2**).
- Don't obstruct the air valve and keep valve accessible at all times.
- During the installation if tested with compressed air, the ½" cap supplied with the product should be used to shut off air vent, this must be removed after the test (**Figure 3**).
- For a typical heating system layout including the **CA1 Automatic Air Vent**, refer to **Figure 4**.

Figure 1

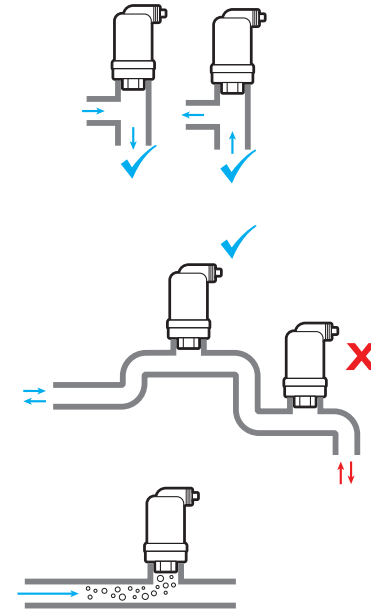


Figure 2

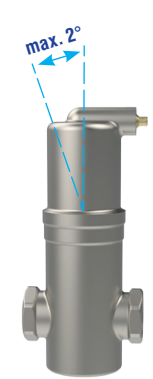


Figure 3

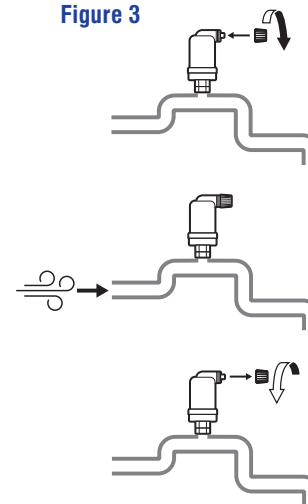
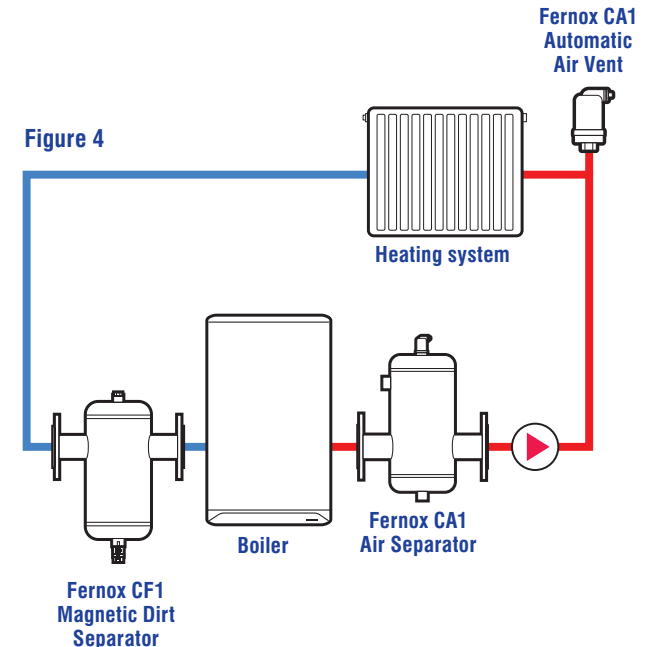
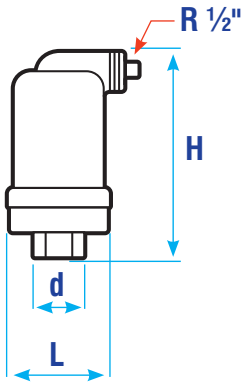


Figure 4



7. Technical Parameters



Type	d	H mm	L mm	R mm	Weight Kg
ST	1/2"	107	58	1/2"	0.54
SS	1/2"	107	58	1/2"	0.64

Note: Fernox reserves the right to modify dimensions, material and design without warning.

Working pressure: **0-10 bar**
 Working temperature: **0-110 C**
 Body: **Nickel-plated brass**
 Float: **Polypropylene**

8. Warranty

Fernox covers the product for a warranty period of 2 years as long as it is used in the correct manner and under the terms indicated in the technical specifications listed.

To activate your warranty, please register your product by scanning the QR code.

