

Instructions for use



Water demineralisation cartridge

VIRAFILL

Water demineralization cartridge for optimum protection of the heating network (radiators or underfloor heating) thanks to its two-component resin that filters out the minerals responsible for network degradation (sludge, corrosion, limescale). Suitable for total or top-up filling of a heating network.

Complies with current standards for filling heating circuits in regulated countries.*





* SICC BT 102-01 (CH), VDI 2035 (DE), Ö - NORM H 5195-1 (AT), UNI 8065 (IT)





Safety instructions

Before the first use, read the Material Safety Data Sheet on the www.virax.com.

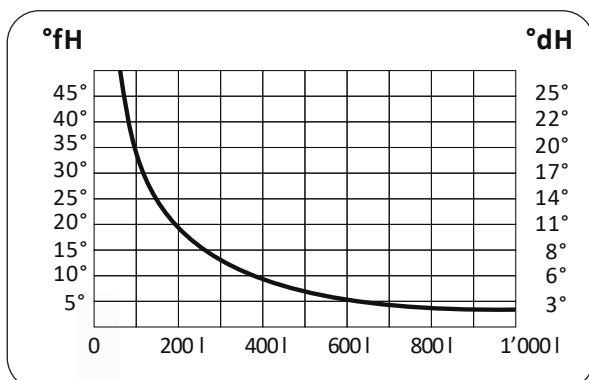
Ensure that the heating network is equipped with a backflow preventer separating heating and drinking water in accordance with DIN EN 1717.

The cartridge must not remain under pressure in the water system, and must be disconnected after filling.

-  **4-5 l/min** Maximum water flow rate through cartridge: 4 to 5 l/min.
-  **max. 4 bar @ 20°C** Maximum water pressure in cartridge: 4 bar at 20°C.
-  **max 60°C** Maximum water temperature: 60°C.
-  **Once the cartridge has been used, dispose of it in the household waste garbage can.**

-  **Keep the cartridge away from direct direct light.**
-  **Do not cut the cartridge.**
-  **Wear safety glasses.**
-  **Do not use the cartridge on the drinking water network.**

Maximum water filtration capacity




Volume of water filtered by the cartridge as a function of water hardness (°fH/°dH). See graph.
Example at 10°fH/ 6°dH: 400 liters.

Water hardness fluctuates according to country and region.

Virafill can be used on one or more installations, until the resin has turned completely beige (0%).

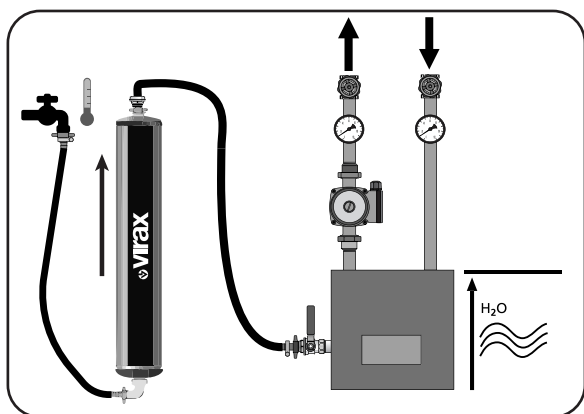


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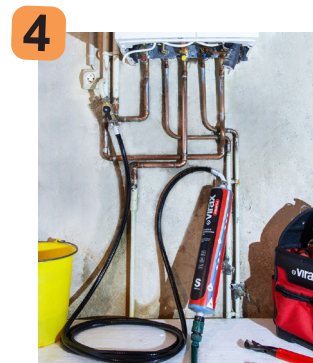
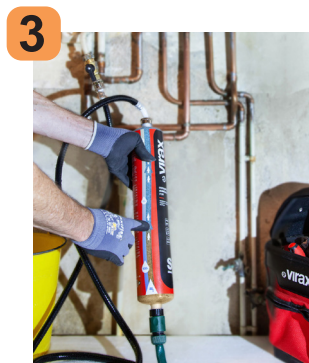
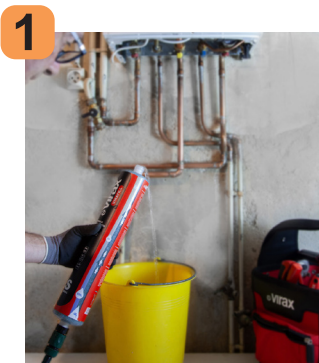
1. Connect the cartridge inlet to the mains water supply in the direction of the arrows (water inlet : ) (see graph 1)).
2. Rinse the inside of the cartridge before use to remove any impurities (drain 3 L)
3. Connect the cartridge outlet to the heating water inlet.
4. Circulate water through the cartridge at a moderate flow (4 to 5 L/min) to supply the heating network with demineralised water.
5. Once the cartridge has been completely filled or topped up, turn off the water supply.
6. Disconnect the cartridge (it must not remain under the pressure of the water network) and fill it with water to 3/4 of its capacity before storing it for future use.

When the resin has become completely beige (0%), it is necessary to replace the cartridge with a new one, even during filling.

Graph 1



Installation photos



Storage

The cartridge should be stored out of direct sunlight. Before each use, rinse the inside of the cartridge to remove any impurities (3 liters of water down the drain). To store the cartridge after opening, we recommend filling it 3/4 full of water, so that the resin remains moist. Storing the cartridge in a truck subject to wide temperature variations has no effect on the resin's filtration quality.

Revision date: 08/2024