



AFRISO Sp. z o.o.
Szałsza, ul. Kościelna 7
42-677 Czekanów
www.afriso.pl

Customer Service Team
Tel. +48 (0) 32 330 33 55
info@afiso.pl

Fill and flush valve combination AFC

NOTE!

The product may only be used if you have fully read and understood these operating instructions. The manual is also available on the AFRISO websites in the Internet.

WARNING!



Risk of scalding by hot medium! Perform all installation and maintenance work after the system has cooled down.

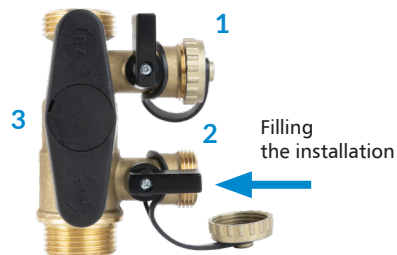
APPLICATION

AFC valves are used in heating, cooling, and solar installations. They are mounted at the lowest point of the installation. They are used for manual draining of the installation from the medium and for filling, flushing and draining the installation after connection to the water supply or a flushing pump.

OPERATION

AFC valves, depending on the position of the respective shut-off valves, can be used for:

- filling the installation,
- flushing and venting the installation,
- draining the installation.



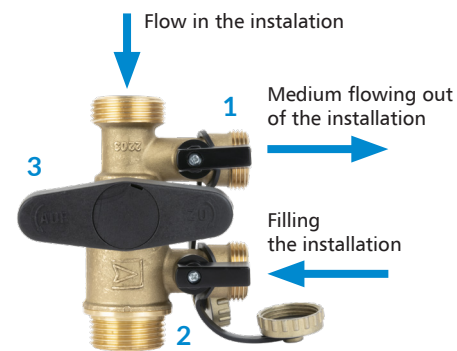
Filling the installation

To fill the installation, open the shut-off valve (2), which is integrated into the dedicated filling connection, and allow the medium to flow into the installation from the water mains or a pump station



Draining the installation

When draining the medium from the system, the main shut-off valve (3) and the two shut-off valves on the connections (1) and (2) should be open. This will allow the medium to completely drain from the installation, provided the valve is installed at the lowest point of the installation.

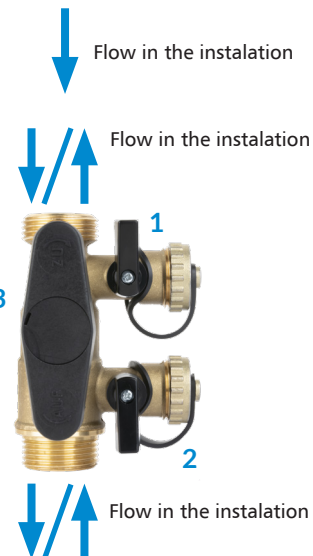


Płukanie / odpowietrzanie instalacji

When flushing or venting the entire installation, the main shut-off valve (3) should be closed, while the two shut-off valves on connections (1) and (2) should be open.

To perform the flushing or venting process, connect a medium source to connection (2). Air and contaminated liquid will escape through connection (1). Venting is complete when only liquid flows out of connection (1).

After completing the process, close the valve on connection (1). Close the valve on connection (2) once the correct pressure has been reached in the installation.



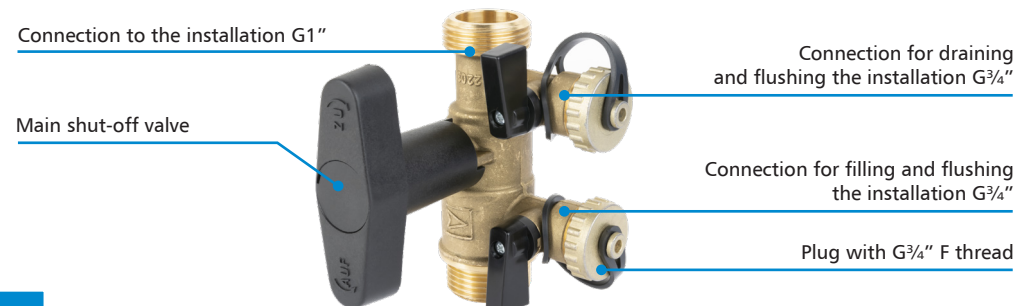
After completing the filling, flushing, or venting procedure, close the shut-off valves on connections (1) and (2), and seal them with the dedicated caps to prevent the medium from escaping the installation in case the shut-off valves on these connections are opened accidentally. The main shut-off valve (3) must remain open to allow circulation of the medium within the installation.

PREDICTABLE INCORRECT APPLICATION

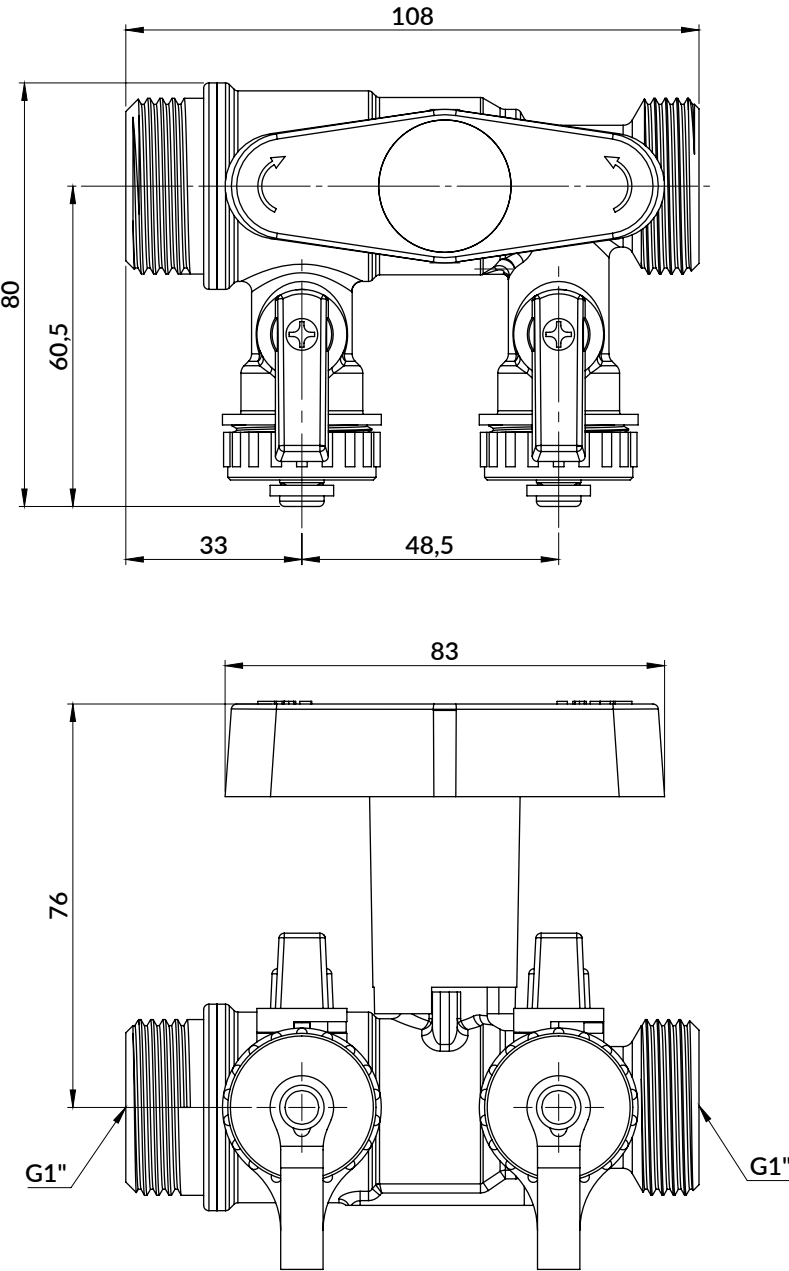
Do not use the fill and flush valve combination AFC in the following cases:

- with the following liquids and gases: a mix of water and glycol with a glycol concentration greater than 50%, steam, oil, petrol, drinking water;
- for safety-related purposes.

CONSTRUCTION



DIMENSIONS [mm]



MOUNTING

The AFC valve should be installed at the lowest point of the installation. This will ensure the most effective draining of the medium. It is recommended to install a suitable pressure gauge or hydrometer near the device to monitor the pressure in the installation, especially during the filling process.

TECHNICAL DATA

Parameter	Value / material
Installation connections	G1"
Connections to the water supply system / devices for filling the installation	G3/4"
Pressure	max 6 bar
Temperature	max 120°C
Glycol concentration	max 50%
Body	CW617N brass
Seal	EPDM

MAINTENANCE

The fill and flush valve combination AFC is a fully maintenance-free device and does not require any maintenance.

APPROVALS AND CERTIFICATES

The AFC valves are subject to the Pressure Directive 2014 /68/EU and are not CE marked in accordance with Article 4.3 (recognised engineering practice).

DECOMMISSIONING, DISPOSAL

1. Dismount the product.
2. Dispose of the product according to local directives and guidelines.

The product is built from recyclable materials.

If you have any questions or problems with disposal, please contact the appropriate distributor or manufacturer's point.

WARRANTY

Product guarantee in accordance with the general conditions of sale and delivery.

CUSTOMER SATISFACTION

For AFRISO customer satisfaction is paramount. If you have any questions, suggestions or product problems, please contact us.