



Wilo JetValve

Installation and operating instructions

1 Wilo JetValve™ Installation and Operating Instructions

Carefully read instructions before installing!

1.1 Application

The Wilo JetValve™ was designed to provide instant hot water at any faucet, while also helping to conserve water.

Since the JetValve™ does not require return piping to the water heater, it is an ideal retrofit and new construction solution where a dedicated hot water return line is impractical and/or cost prohibitive.

1.2 Operation

As the water at the hot water faucet cools below the JetValve™ low temperature setpoint, the valve opens, allowing cool water to be injected into the cold water line. When the water reaches the valve high temperature setpoint, the valve closes.

The JetValve™ is equipped with a flow rate adjustment screw, allowing you adjust the temperature balance as desired. A check valve is also equipped in the valve to prevent backflow when the faucet is opened.

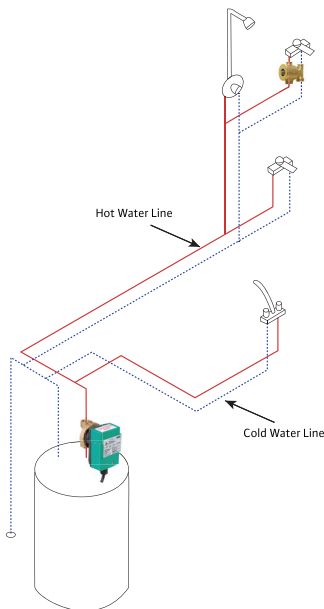


WARNING:

Installation should be performed by a qualified professional only, in accordance with all applicable codes.

Be sure the power to the circulator is turned off, as well as the hot and cold water supplies to avoid injury and/or property damage.

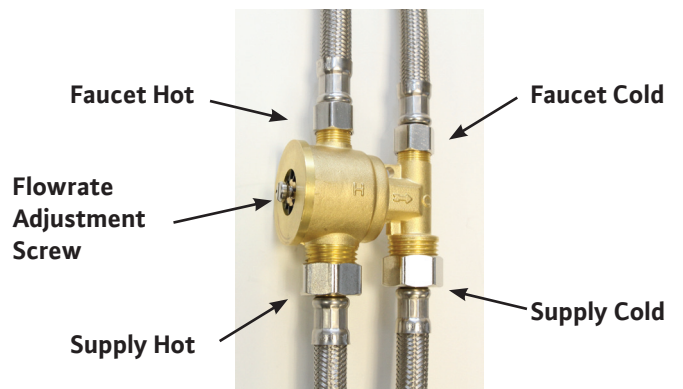
Prior to installation, flush all piping, to remove material that could block or damage the equipment.



2 Installation

2.1

1. Install the circulator according to manufacturer's instructions to pump hot water away from the heater.
2. Connect the hot and cold water supply to the JetValve ½" NPT inlets with the included flex hose.
3. Connect the faucet to the JetValve™ ⅜" NPT outlets with the included flex hose.
4. Check the installation for leaks:
 - Ensure the faucet is closed
 - Open the hot and cold water supply valves
 - Open the faucet hot and cold taps to purge air
 - Close faucet
 - Inspect all piping connections for leakage. If a leak exists, close hot and cold supply valves until leaks are corrected
 - Repeat step 4
5. Connect power to the circulator and verify operation



2.2

The JetValve™ has a flowrate adjustment screw to suit application conditions and/or preferences.

1. To increase water temperature at the hot water faucet, turn the flowrate adjustment screw counter-clockwise
2. To decrease the water temperature at the hot water faucet, turn the flowrate adjustment screw clockwise
3. To completely stop flow through the valve, turn the adjustment screw clockwise until it stops

Allow several hours after valve adjustment for the system to stabilize before re-evaluating water temperature.

Technical Data – Wilo JetValve™	
Housing	Forged brass with Noryl Cap
Internal Components	Stainless steel/Plastic with EPDM O-rings.
Connections	⅜" hot & cold male compression thread outlets ½" hot & cold male IPS inlets
Flowrate	0–100% Slotted screw
Max. Working Pressure	125 PSI
Max. Water Temp.	150°F (66°C)
Maintenance	Self-cleaning filter, maintenance-free

Wilo USA LLC

Tel: 888-945-6872
 Fax: 888-945-6873
 Email: info@wilo-usa.com
 Web: www.wilo-usa.com

Wilo Canada Inc.

Tel: 866-945-6236
 Fax: 403-277-9456
 Email: info@wilo-canada.com
 Web: www.wilo-canada.com

Wilo Mexico

Tel: + 52 55 5586 3209
 Fax: + 52 55 5586 3209
 Email: info@wilo.com.mx
 Web: www.wilo-mexico.com

