eFloStop

Installation & User Guide



EFS15
EFS20
Leak Protection Valve

AVG®
Australian Valve Group
A **WATTS** *Brand*

1800 284 287
wattsau.com.au

Product Scope & Application

The eFloStop is an electronic valve for mains water systems, designed to automatically shut-off water flow in the event of a detected leak. Suitable for installation on indoor hot water systems, this valve meets the relevant standards of the Plumbing Code of Australia and WMTS-476:2016.

- **Valve Size:**
  EFS15: DN15 valve with 15mm (1/2") compression fittings
  EFS20: DN15 valve with 20mm (3/4") adaptors with compression fittings
- **Valve Material:** DZR Lead-Free* Brass
- **Configuration:** 15mm, DZR LF Brass, full bore
- **Max Temperature:** 90°C
- **Max Pressure:** 2500kPa
- **Usage:** Indoor Only
- **Installation Requirement:** Must be installed by a licensed plumber according to AS/NZS 3500.4 and all local requirements and regulations.

Pre-Installation Preparations

1. **Initial Setup:** Insert the batteries. A beep will sound, indicating the valve is operational and in the open position. Check that the visual indicator is green and the flow path through the ball valve is open. Follow the Routine Testing Procedure to ensure the device is fully functional before installing the valve.
2. **Location Requirement:** Install indoors on the cold water inlet line of a hot water cylinder with a safe tray (without drain) as per AS/NZS 3500.4:2018.
3. **Accessibility for Maintenance:** Ensure easy access for viewing the visual indicator, LEDs, pressing the reset button and replacing the batteries.

*Complies with the Lead-free requirements of the National Construction Code – Volume Three: the wetted surface area in contact with drinking water must have a weighted average Lead content of less than 0.25%.

Step-by-Step Installation Guide

1. **Position the valve:** eFloStop is non-directional and can be installed on the inlet water supply line in any orientation within 1m of the safe tray, and within 2m of a power plug (if using the optional power supply).
2. **Connect the valve:** Connect the device to the pipe system using the included copper olives and compression nuts, or other suitable method. Support the brass valve by holding the spanner grip firmly while tightening the end connections to prevent stress on the components.
3. **Orient the Sensor:** Place the sensor in the safe tray of the cylinder. For low water height detection (5mm), position the sensor with the metal probes pointing downward. For high water height detection (15mm), position the sensor with the probes pointing horizontally.
4. **Connect the power:** Ensure that batteries are installed in the device and plug in the optional power supply if it is being used. The optional power supply will power the device directly, and use the batteries only in the event of a power outage. Note that the device must have batteries installed to operate.
5. **Test the system:** Turn on the water supply and check for leaks at the connection points. Test the device is operational by following the Routine Testing Procedure.
6. **User Training:** Brief occupants on valve operation and basic troubleshooting.

Visual Indicator Guide

- **RED:** Valve closed, water will not flow
- **GREEN:** Valve open, water will flow through

Routine Testing Procedure

1. **Manual Test:** Hold down the TEST button on the sensor to close the valve, which will stop water flow. The eFloStop alarm will continue to beep and the red LEAK light will flash. Verify the Visual Indicator has turned RED and that water flow has stopped.
2. **System Reset:** Press and hold the RESET button on the device until the alarm sounds, confirming the valve has reopened. Verify the Visual Indicator has turned GREEN and that water flow has resumed.
3. **In Case of Issue:** If the device does not operate correctly, refer to the troubleshooting guide.

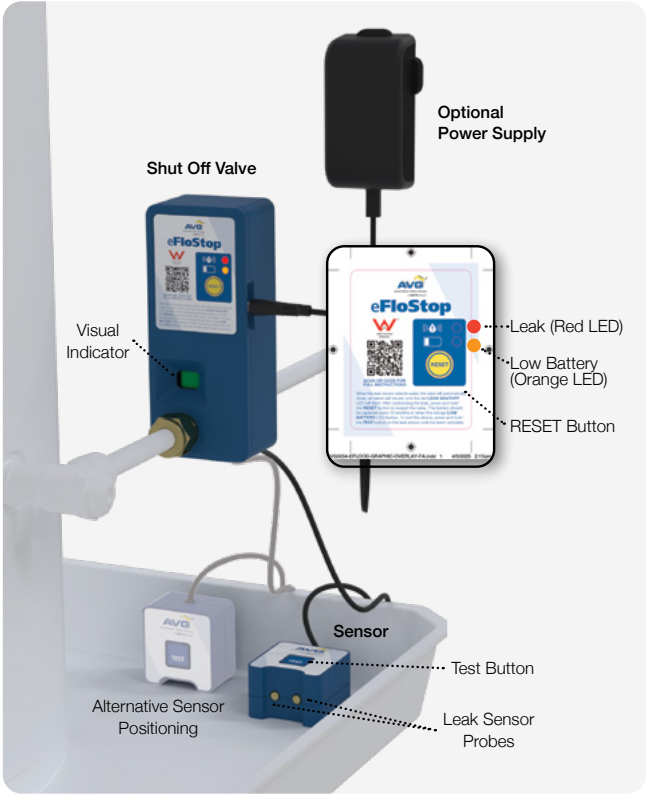
Emergency Protocol for Water System Failures

1. **System Isolation:** Shut-off water and power to the hot water system, if possible.
2. **Contact Professional Help:** Call a licensed plumber immediately.
3. **Safety Precaution:** Keep hot water taps closed.
4. **System Replacement:** Repair or replace the hot water unit and valve if necessary

Battery Replacement Instructions



1. **Disconnect Power:** If the device is connected to an external power source, disconnect it before replacing the batteries.
2. **Access Batteries:** Remove the battery cover by squeezing the clip and pivoting the lid from the top.
3. **Replace Batteries:** Insert four new AAA batteries.
4. **Check Function:** An alarm will sound when new batteries are installed. Reconnect the optional power supply (if used). Follow the Routing Testing Procedure to check the product functions correctly.


Optional
Power Supply
Shut Off Valve
eFloStop
Visual
Indicator
Leak (Red LED)
Low Battery
(Orange LED)
RESET Button
Sensor
Test Button
Alternative Sensor
Positioning
Leak Sensor
Probes

Operation & Troubleshooting Guide

Issue	Cause	Solution
Red Light and Alarm (Leak Detected)	Water in safe tray	If water is present, contact a plumber. If the tray is dry, hold the RESET button to reset the system.
Valve fails to reopen when RESET button is pressed	Sensor still detects moisture	Ensure the sensor is completely dry, then press the RESET button to reset the system.
	Batteries run out	Replace batteries and press the RESET button to confirm
Valve doesn't close when TEST button is pressed.	No batteries installed or batteries are completely drained.	Replace batteries and press the RESET button to confirm.
Valve does not work when connected to power supply		
Orange Light and Alarm (Battery Warning)	Batteries are low	

For more information, technical specifications or details on installation, please scan the QR code.

Certified to Standard WMTS-476:2016 as a device providing "protection against damage from leaking water" under AS/NZS 3500.4:2018

Lead Free
WMTS476:2016
WMK26967