WASENS CLASSIC
by Triple+

Innovative systems for leak prevention and water savings

Autonomous system for water leak detection and prevention

The system identifies irregular water consumption anomalies that may result from small and or large leaks in the water supply system.

Automatic water shut off after 30 minutes of a continuous flow, the system automatically resets itself at each flow stoppage.

To reopen the water :

1. Press the orange button located on the actuator.
2. Use the key you received with the actuator.

The system will be installed on the main water supply line to the property after the municipality's water meter.

The "Classic" can be upgraded to an integrated smart system that is controlled by our app (see separate specifications).

The system includes a 1" ball valve, 1" flow sensor, and battery-operated actuator.

The system complies with NSF/ANSI 61: "Drinking Water System Components". Water System Components.
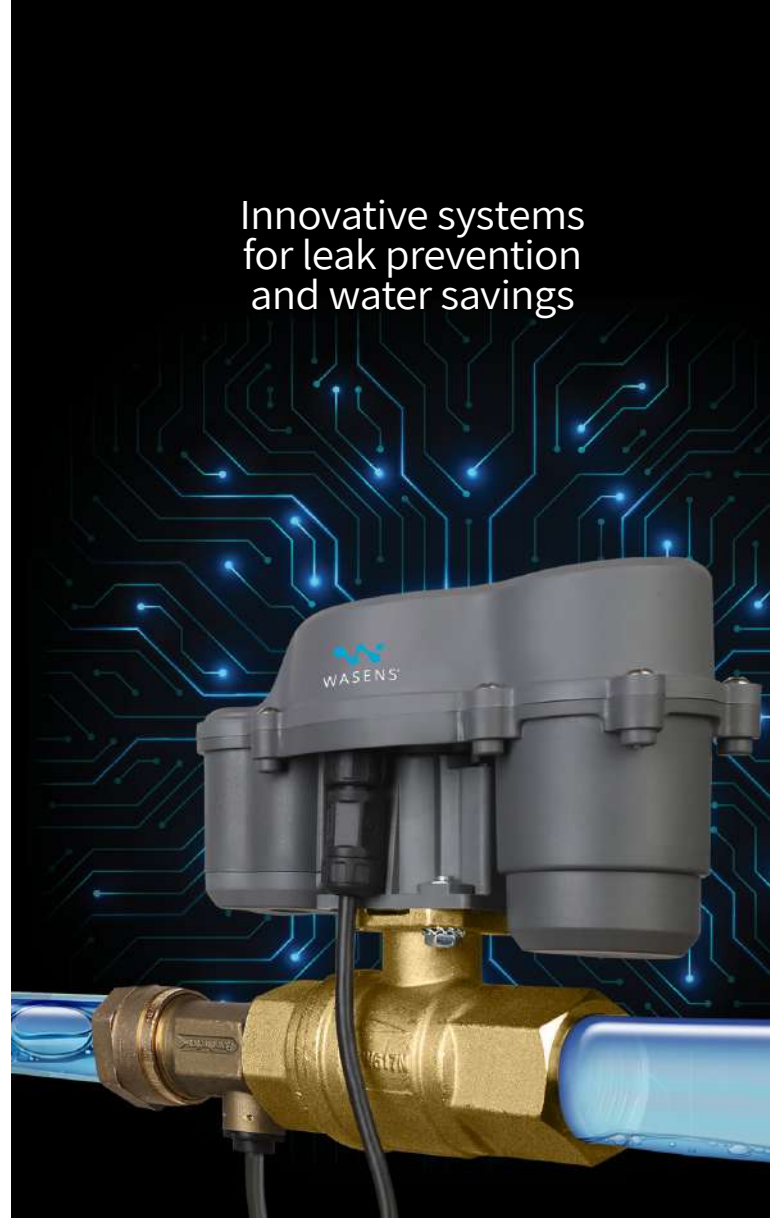
Required preparation

Space for installing the components (see specification on following page)

Ball Valve Actuator

Ball Valve

Flow Sensor

Ball Valve Actuator

An actuator for the main valve that is controlled and operated wirelessly using batteries. The valve actuator automatically closes the water line on which it is installed when a leak or irregular flow is identified or according to the user's needs and schedule.
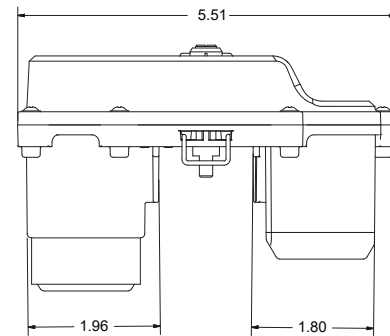
| Dimensions	Weight	Battery life	Radio frequency	Temperature range	Batteries	Standard
5.51"/2.36"/2.75"	14.63OZ	2-4 years	915MHz	-4° to 122° F	CR1234A V3 X4	IP68 water resistant

Flow Sensor

A flow Sensor is installed and connected to the ball valve actuator. this will detect irregular water consumption. The Flow sensor measures the water usage continuously.
Abnormal water usage is typical when there is a leak, burst pipe, open faucets or leaking toilets.
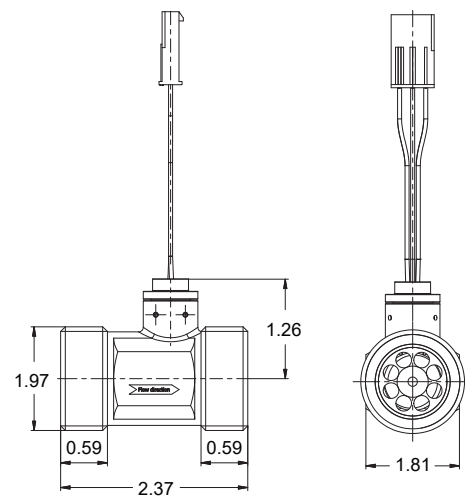
Dimensions	Weight	Material	Pressure rating	Nominal diameter	Pressure drops	Standards
2.37"/ 1.97"/1.81"	7.05OZ	Brass	PN16	DN20	0.33 bar	5452, WRAS, NSF/ANSI61

Accuracy		Flow range	Medium temperature	Ambient temperature
±1%of range	±1%of reading	16.9oz …15.85Gal per minute	32° to 194° F	32° to 158° F

Ball Valve

We use an ISO-5211brass ball valve that is NSF/ANSI 61 to avoid the hammer effect that can occur with other types of valves.
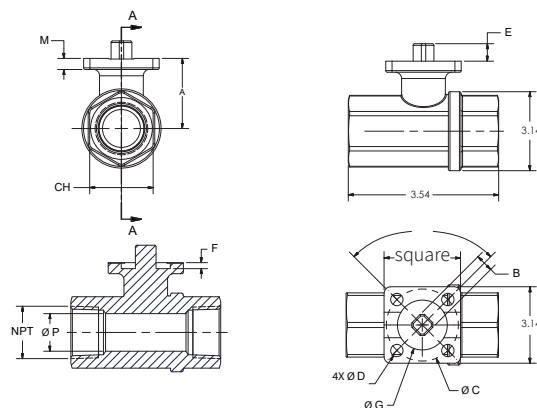
Dimensions	Weight	Operating temperature	Operating pressure	Standards
3.54"/3.14"/2.16"	28.32OZ	-4° to 338° F	40 bar	5452, WRAS, NSF/ANSI61

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