

Sedal
DIGITAL SYSTEMS

H Family



Sedal

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Sedal's solutions for commercial environments feature state-of-the-art technologies focused on water and energy savings, reliability, and endurance. Touchless activation products ensures user convenience, improved hygiene, and efficient performance.

The H Family

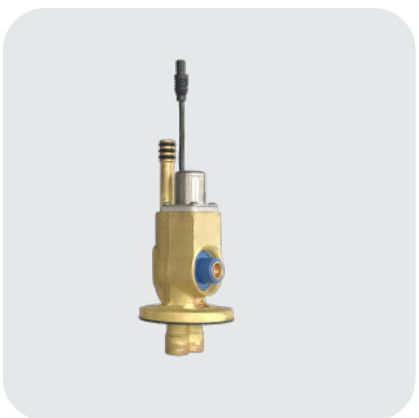


H1 Electronic Water Valve

Sedal H1 for faucets are designed to work flawlessly with several off-the-shelf sensors. Power supply and/or battery pack power sources are available.

The product range is grouped in 2 versions: the Fixed one with defined sensor range, and an Adjustable version with adjustable sensor distance.

With over 500.000 cycles, Sedal H1 perform under the most demanding applications ensuring user convenience, improved hygiene, and efficient performance.



H2 Electronic Water Valve

Sedal H2, is a core-based solution that can be integrated into the faucet bodies with multiple design options.

With a built-in mixing valve and handle, the H2 delivers pre-mixed water in a compact body design, allowing easy installation in those situations where space under the sink is limited.

The endurance of both the on-off and the mixing valve have been tested beyond standards to provide years of safe and reliable operation in public spaces.



H3 Electronic Water Valve

The H3 valve for urinals, delivers with precision and reliability the right amount of water at every use condition.

Packed with intelligence that adjusts water flushes depending on the frequency of use, it helps to manage water consumption in buildings with different affluence of people.

H3 line can be fully customized to your needs in regard to functionality and front plate design.

H1 Range

Infrared systems have been used for decades in faucets to avoid touching potentially contaminated surfaces at public venues, although it is something increasingly common in private homes.

The H1 systems is the Sedal's response to the demand of highly efficient automatic water delivering faucets based on infrared sensors.

With a defined detection area and distance, H1 is the entry level infrared system that allows easy integration into faucets with detection windows either in the main body, at the spout or wall mounted.

Sedal offers alternative OEM designed sensors for special applications or different shapes.



**H1 Bathroom
Fixed**



**H1 Bathroom
Adjustable**

Features

Automatic Shut-off

Shuts off automatically after a limited period of time.

Safety closed

In case of power outage, the system closes automatically.

Infra-red

Compatible with IR sensors

Distance adjustment

As an option, final user can adjust the detection distance with a setup button

Battery operated

Powered by AC and AC/DC sources.

Low power consumption


Long battery life thanks to its low consumption hardware


Auto cleaning

Water is flushed through all outlets to avoid lime scale.


Compatibility Table

H1 Bathroom Fixed







S1
Infrared sensor
for curved
body faucets




S2
Infrared sensor
for straight
body faucets



S3
Infrared sensor
for wide
base faucets





S5
Infrared sensor
for round spouts




S6
Infrared sensor
for flat spouts

Accessory Kit






S7
Round Interface Sensor to be
placed in the spout of the faucet





S8
Semi-circular Interface Sensor to be
placed in the spout of the faucet




S9
Squared Interface Sensor to be placed
in the spout of the faucet

H1 Bathroom Adjustable






S1
Infrared sensor
for curved
body faucets



S5
Infrared sensor
for round spouts



S6
Infrared sensor
for flat spouts

Spout Sensor Kit



Spout sensor technology allows faucet designers to remove body cuts for placing the sensor creating continuous and seamless designs offering comfort with intuitive gesture to the end user.

Classic infrared faucet design are overcome with the Kits by Sedal, which are located at the outlet of the spout making them invisible to the eye.

Distance Adjusting

The spout sensor systems is combined with H1 adjustable version that enables to set the activation distance with a simple button push procedure.

This feature is specially useful in highly reflective installations where the risk of reflection in the sink is higher.

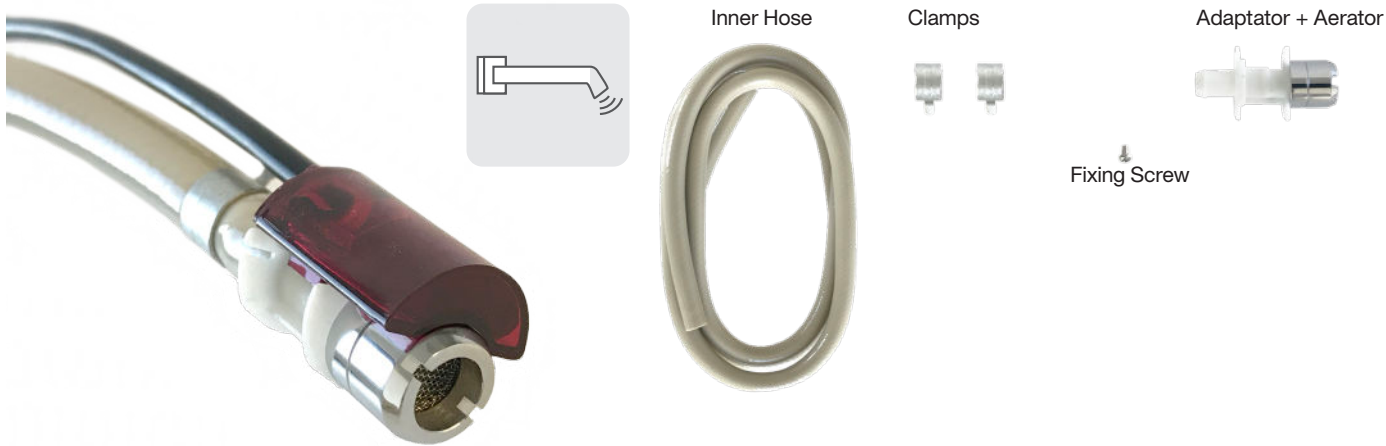
S7 Sensor Kit

Round Infrared sensor to be placed at the spout of the faucet.



S8 Sensor Kit

Semi-circular Infrared sensor to be placed at the spout of the faucet.



S9 Sensor Kit

Square Infrared sensor to be placed at the spout of the faucet.



H2 Range



H2 Electronic Water Valve is a complete infrared system in a single body that combines a mixing valve, IR sensor, high grade solenoid on-off valve, battery pack (optional AC adaptor) and a plastic or brass body that acts as the main structural component.

The faucet is built around the body making the design extremely simple and easy to cast and machine.

Installation becomes more simple as there is no external valve box under the sink.

Compatibility



S3 Core

Infrared sensor for cilindric body faucet with round window.



S13 Core

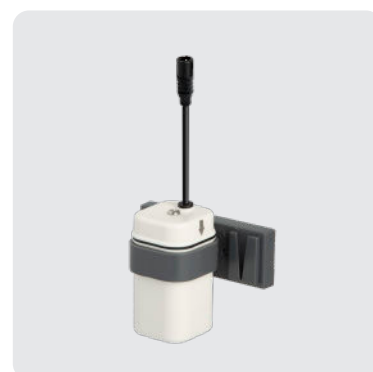
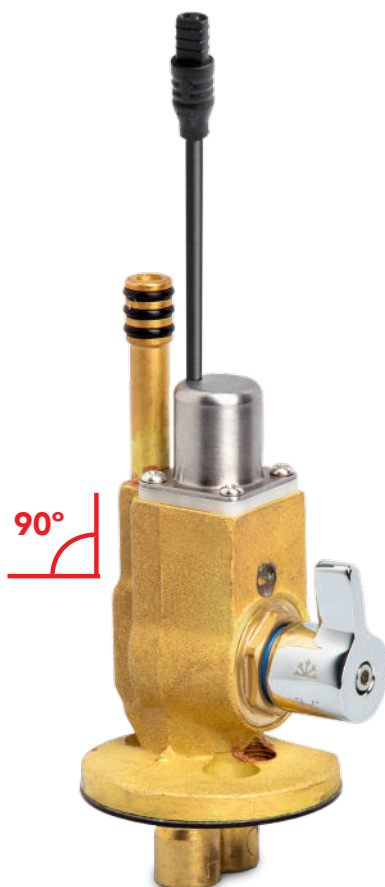
Infrared sensor for cilindric body faucet with round window with metal bracket.



S14 Core

Infrared sensor for cilindric body faucet with long shape window.

Core Brass 90° & 80°



Battery Holder

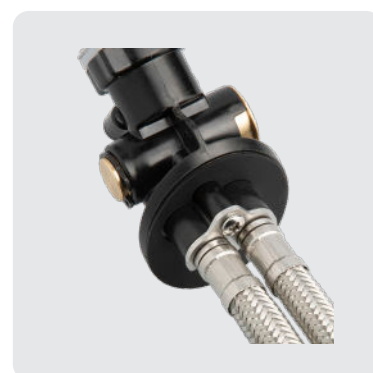
Prepared for 4x AA type batteries, optional AC adaptor available.



Ceramic Cartridge

Brass Core features a ceramic mixing cartridge for extended life expectancy

Core Plastic 90° & 60°



Safe hose fixing

Plastic Core include a set of 600mm stainless steel hoses with safety bracket.

H3 Sensor



Highly efficient and economic solution for urinals packed with advanced technologies to save water with minimal maintenance while using a very low amount of energy.

Energy saving

Battery powered infra-red sensor activation (over 100.000 flushes on 4x AA battery type).

Hygienic

Automatic flush before and after use and 24 hour odor trap refill to improve bathroom atmosphere.

Hassel Free

UV light and ghost reflections optimization avoid random activations or defficient detections.

UFD Technology

H3 features "Use Frequency Detection" to help saving water in high frequency venues while keeping sanitation in valley times.

Features

Water Saving

Intelligent flush system with adjustable flush times.

Battery operated

Powered by AC and AC/DC sources.

Power cut available

In the event of power failure, this product will automatically switch to battery power.

Hygienic

Hands free operation therefore limits the spread of germs and bacteria.

Tap Seal Protection

If not used ,it will flush automatically every 24 hours to avoid the odor returning once the trap dries.

Intelligent

Self adjusting flush detection system as well as anti-light and antiultraviolet rays functions.

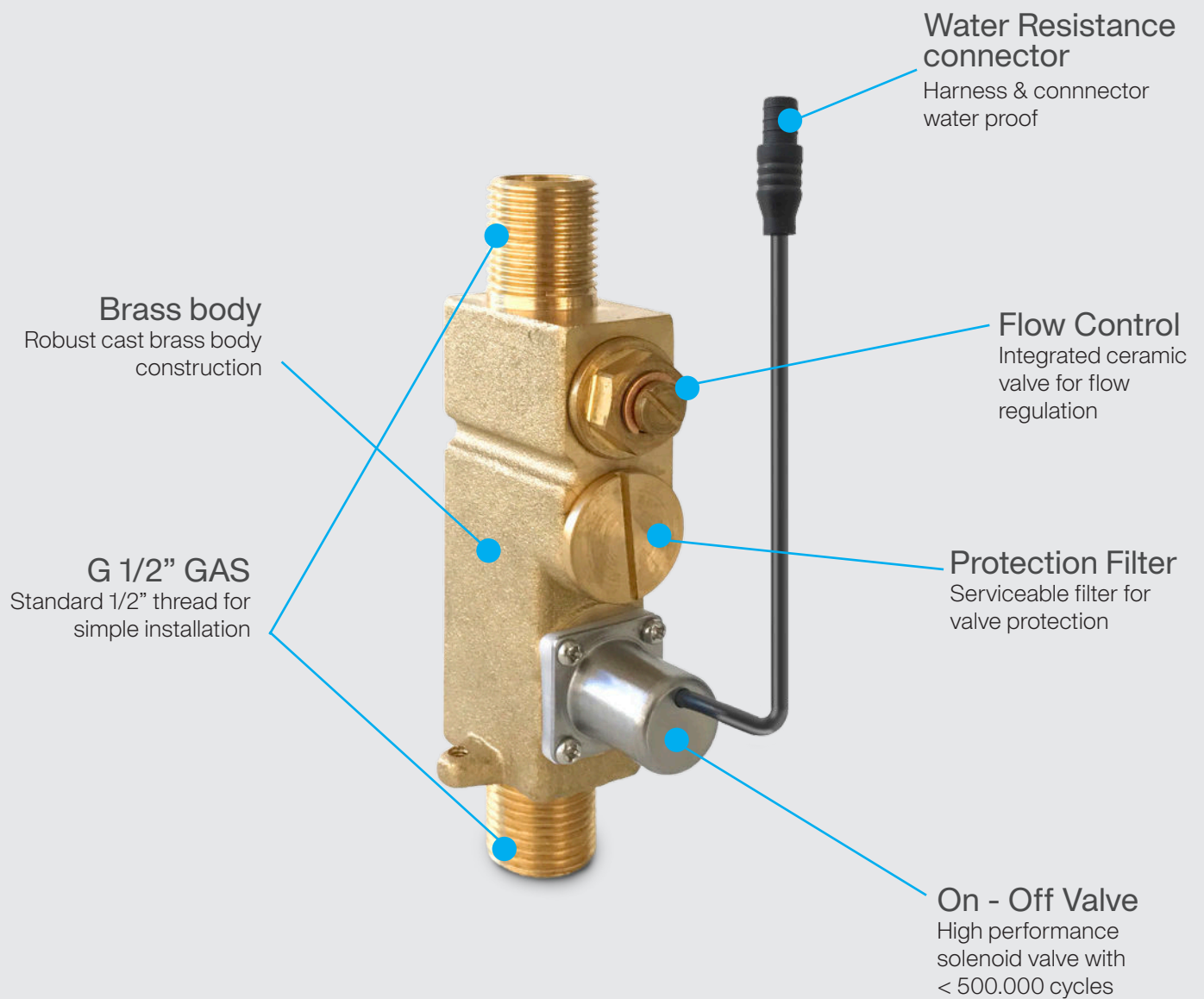
Infra-red

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H3 by parts



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