

If your hot water system leaks. You could come home to this.

Protect your property !



Fit the AquaTrip Beaver Wetness Sensor with auto shutoff

Monitors your appliances 24/7 - peace of mind !



Only a Beaver can dam the flow



aquatrip®

Leaders in Permanent Leak Detection Technology

www.aquatrip.com



AT601 - The Beaver - Wetness Sensor with Shutoff Valve

The AT601 Beaver is a stand alone Wetness Sensor linked to an electromechanical Shutoff Valve. The Beaver is designed to be installed on the incoming water supply line to an appliance or hot water system. If the appliance or hot water system develops a leak, the Beaver will sense the wetness caused by the leak and shut off the water to the appliance to minimise the water loss and potential subsequent property damage.

The Beaver is primarily designed to monitor for water in the Drip Trays of hot water heaters, but may be used to look for water leaks below other appliances such as fridges with water dispensers, icemakers, drinking fountains, dishwashers, coffee machines, washing machines, within laundromats etc. It has numerous applications.

The Beaver is very simple to use, with only one button to control all functions. It is powered by a 9V long life alkaline battery OR alternately, a rechargeable battery and external 12V DC power adaptor. Installation is very easy with no power wire to connect in battery operation mode, and a Plug & Play Solenoid Cable to aid easy installation.

Its low cost, simple installation and operation make it perfect for use in apartments or residential houses alike, where it can provide silent and automatic protection of the water supply to an individual appliance.

It is available in standard form with a 15mm (1/2") stainless steel Shutoff Valve, (Model AT601-S15) or alternately, a range of other Stainless Steel valve sizes are available on request [20mm (3/4") to 50mm (2")].

AT601 - S15

(with 15mm Valve shown)



Features

- Wetness Sensor linked to an electromechanical Shutoff Valve
- Once wetness is detected, a buzzer sounds and the valve shuts off the water instantly
- Optional 'Alarm Output Cable' connects to your Building Management system or other alarm facility (**NEW**)
- Sensor Terminals may be easily extended to other areas using optional 'Wetness Sensor Blocks'
- The valve is physically small and may be mounted at any angle or orientation
- The Wetness Sensor may be mounted up to 2m (6 ft) from the Shutoff Valve location
- Easy Test procedure allows user to check system function and battery level at anytime
- System powered by readily available long life 9v Alkaline battery (supplied), or 12V PSU (**NEW**).
- Easy to use - Only one Control Button for most operations
- In battery mode, a Low Battery Warning Alarm buzzer sounds to alert user when battery is low
- Battery power level can be checked anytime by pressing the Control Button
- To alert the user, the system will shut off the water when the battery level gets too low
- Emergency Manual Override Facility if system needs to be overridden or disarmed
- System self exercises the Shutoff Valve every two weeks to maintain reliable functionality
- Supplied with two different style mounting brackets to suit most installations
- Sensor may be hung on drip tray, mounted to skirting or wall board, or free standing if location is secure
- Available as standard with a 15mm (1/2") SS316 Stainless Steel Valve
- Optional alternate valve sizes are available on request (BSP or NPT thread) - 20 to 50mm
- Certified to meet NSF61, NSF372, AS4020, AS5200.030.2012, AS5200.476.2006, Watermark Level 1



Certifications



Cert 23037 S030
Cert 23251 S476



CERTIFIED TO
NSF/ANSI 61 & 372



SANS 1808-35:2010

In Australia the AT601S is also certified to meet AT5200.476 as specified.



Technical Specifications

Model	Valve Body Material	Valve Size	Application	Flow Rate @ 500 KPa or 73 PSI	Operating Pressure	Maximum Pressure	Operating Temperature	Power Supply
AT601-S15	Stainless Steel 316	15mm (1/2")	Cold Water ONLY	126 L/min 33 GPM	49 - 1034 KPa 7 - 150 PSI	1034 KPa 150 PSI	0 °C - 50 °C 33 °F - 122 °F	9v Battery or 12V PSU
AT601-S20*	Stainless Steel 316	20mm (3/4")	Cold Water ONLY	186 L/min 49 GPM	49 - 1034 KPa 7 - 150 PSI	1034 KPa 150 PSI	0 °C - 50 °C 33 °F - 122 °F	9v Battery or 12V PSU
AT601-S25*	Stainless Steel 316	25mm (1")	Cold Water ONLY	240 L/min 63 GPM	49 - 1034 KPa 7 - 150 PSI	1034 KPa 150 PSI	0 °C - 50 °C 33 °F - 122 °F	9v Battery or 12V PSU

NOTE - * Asterisk denotes models available by special order only. All valves available in BSP or NPT thread.

Accessories

12V Power Supply Kit
PN: PSU601BBAU



Alarm Output Cable
PN: CBL601BMS



Sensor Terminals on underside allow for optional extension sensors: WSB-01

Installation Example
Hot Water Tray protection



Warranty

This product is warranted to be free from defects in materials and workmanship for a period of one year from the date of installation, provided that the product is used in accordance with the installation, maintenance and testing requirements described in the Installation and Owners Manual. Failure due to: incorrect installation; misuse; water ingress from negligence; uncompleted prescribed service schedules; discharged, leaking and corroding batteries, are not covered by the warranty. The warranty is limited to the replacement of the faulty parts or components, and does not cover the cost of removal and/or re-installation of the replacement components or device. The warranty becomes null and void if the unit has been tampered with, repaired, or damaged by any unauthorized person. An official receipt as proof of purchase will be required for all applications under this warranty policy.

Our products come with guarantees that cannot be excluded under the consumer law in the country of sale. Country or state specific consumer law may entitle you to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You may also be entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The national distributor responsible for this warranty reserves the right to inspect and test the products for the purpose of determining the extent of any defect and the validity of any claim made under this warranty. For specific warranty terms and exclusions and detailed warranty and indemnity conditions applicable and relating to your country or state, refer to our website www.aquatrip.com

Aquatrip Australia Pty Ltd

Unit 5, 13-15 Ellerslie Rd.

Meadowbrook, QLD, 4131, Australia

www.aquatrip.com

AT601V2-SS-V2-0320