



# aquatrip®

## 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 can be used to monitor appliances such as hot water heaters, icemakers, water dispensers, dishwashers, coffee machines, washing machines, laundromats etc.

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 so needs no electrical connection. Installation is very easy with no wires to connect.

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 either a 15mm 1/2" stainless steel Shutoff Valve, (model AT601-S15) or a 25mm 1" PVC Valve, (model AT601-P25) with other valve sizes available on request.

**Optional Model** - The AT602 Super Beaver is available for monitoring larger areas such as basements or computer rooms or laundromats by utilizing multiple wetness sensors and rope sensors to monitor the larger areas where the wetness must be identified to cause the shutoff valve to trigger. Refer to our website for more details.

AT601 - S15



(Shown with 15mm Steel Valve)

## Features

- Wetness Sensor linked to electromechanical Shutoff Valve.
- Once wetness is detected, a buzzer sounds and the valve shuts off the water instantly.
- Valve may be mounted at any angle or orientation.
- Wetness Sensor may be mounted up to 2m from 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).
- Easy to use - Only one Control Button for most operations.
- 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.
- System shuts off water when battery level gets too low to alert user.
- Emergency Manual Override Facility if system needs to be overridden or disarmed.
- System self exercises the Shutoff Valve every two weeks to check functionality.
- Supplied with two different style mounting brackets to suit most installations.
- Sensor may be hung on a drio tray, mounted to skirting or wall board, or free standing if location is secure.
- Available standard with 1/2" 15mm SS316 or 25mm 1 inch PVC valves.
- Optional alternate valve sizes/ materials available by request. (BSP or NPT thread).
- Certified to meet NSF61, NSF372, AS4020, AS5200.030.2012, AS5200.476.2006, Watermark Level 1



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## Technical Specifications – \* denotes optional valve sizes available to order

Model	Valve Body Material	Valve Size	Application	Flow Rate @75 PSI	Operating Pressure	Maximum Pressure	Operating Temp	Power Supply
AT601-S15	Stainless Steel 316	1/2" 15mm	Cold Water Only	126 L/min 33 GPM	7-150 PSI 49-1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	9v Alkaline Battery
AT601-S20*	Stainless Steel 316	3/4 20mm	Cold Water Only	186 L/min 49 GPM	7-150 PSI 49-1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	9v Alkaline Battery
AT601-S25*	Stainless Steel 316	1" 25mm	Cold Water Only	240 L/min 63 GPM	7-150 PSI 49-1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	9v Alkaline Battery
AT601-P25	PVC	1" 25mm	Cold Water Only	113 L/min 22.2 GPM	10-150 PSI 69-1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	9v Alkaline Battery

## 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, 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 consumption 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 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.ca](http://www.aquatrip.ca)

## Certifications



CERTIFIED TO  
NSF/ANSI 61 & 372



SANS 1808 -35:2010



Cert 23037 S030  
Cert 23251 S476

In Australia the  
AT601S is also  
certified to meet  
ATS5200.476 as  
specified.



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