

# AT201

## PROGRAMMABLE MANUAL CONTROL Leak Detection System



### About the AT201

A programmable Leak Detection System with an integrated automatic Shutoff Valve. Aquatrip units are designed to detect leaks, reduce water bills, stop water wastage and minimise potential water damage from burst pipes.

The Aquatrip AT201 monitors the flow of water across all plumbing pipes on a property, and like a trip switch, will shut off the water automatically if a leak (in a toilet, cistern, pipes, appliance, etc.) is detected. An Aquatrip unit can detect leak flow as small as 30ml/minute and can differentiate between normal water use and a plumbing leak.

### Why the AT201

The Aquatrip AT201 provides silent, invisible and automatic plumbing protection for your property or asset. It is battery operated and can be installed anywhere.

The AT201 is simple to use and operation by existing maintenance crew is easy. It is perfect for shopping centres, schools, campuses, high rise office buildings and for use in bathrooms with occupancy sensors.

The AT201 with set exclusion periods is perfect for buildings that are unoccupied at night e.g. leak protection from 7pm to 6am only.

### Additional Features

The AT201 works best providing 24/7/365 leak protection in bathrooms (combined with our infrared occupancy sensors).

### Product Features

- **Patented Leak Sensor** with integrated Shutoff Valve. Shuts off water once a leak is detected
- **Leak Detection Sensing System** is programmable to operate in almost any property
- **Fast Test Facility** allows rapid check of system functions
- **Early Warning Indicator** prevents water turning off unexpectedly
- **One button operation** for ease of use with LED display
- **Battery power level indicator** with low battery warning
- **Trip Counter** logs each time valve is tripped and keeps a record of most recent leak detection
- **Sleep Mode** - Programmable Exclusion Period disables flow monitoring as required, e.g. during office hours
- **Temporary System Override** for single extended water use (e.g. to fill a pool)
- Easy **Emergency Manual Override**

### Installation

- **System automatically self-monitors** every two weeks
- **Replaceable mesh filter** protects units from debris in water supply
- **Accessory input port** allows connection of optional movement sensors or remote water reset switches
- **Supplied standard** with a 25mm PVC Shutoff Valve. **Optional sizes** from 15mm to 80mm in PVC or Stainless Steel
- Requires a **90-degree adapter** if installed in a vertical position



Model	Valve Size	Valve Material	Valve Thread	LxWxH in mm	Operating Pressure	Maximum Pressure	Operating Temperature	Flow Sensing	Flow Range @ 75 psi	Power Supply
AT201-P25	1" 25mm	PVC	BSP or NPT	84 x 77 x 179	10 - 150 PSI 69 - 1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	From 50ml/min	0 - 113 L /min 0 - 29 GPM	9v Alkaline Battery
AT201-P50	2" 50mm	PVC	BSP or NPT	160 x 120 x 285	20 - 150 PSI 138 - 1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	From 50ml/min	18 - 454 L/min 5 - 119 GPM	9v Alkaline Battery
AT201-S40	1 1/2" 40mm	SS316	BSP or NPT	128 x 94 x 174	7 - 150 PSI 49 - 1034 KPa	150 PSI 1034 KPa	0 °C - 50 °C 33 °F - 122 °F	From 50ml/min	0 - 460 L /min 0 - 121 GPM	9v Alkaline Battery

Warranty: This product is warranted to be free from defects in materials and workmanship for a period of two years from the date of installation, provided that the product is used in accordance with the installation, maintenance and testing requirements described in this 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. 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.co.za](http://www.aquatrip.co.za).