

AT301D Deluxe Wireless Radio Remote Control Water Management, Leak Detection and Control System with optional Water Metering facility

The AT301D is a wireless Programmable Leak Detection and Water Metering, Management and Control System. It is designed to detect leaks, reduce water bills, stop water wastage and minimize water damage. It will monitor the flow of water into the property and will shut off the water automatically in the event of a tap left running, a burst pipe, or if a tap, fitting, pipe, toilet cistern or appliance is leaking. It can detect the difference between your normal water use and a plumbing leak or a tap left running by mistake and will protect your entire plumbing system.

The AT301D is operated by a portable or wall mountable Radio Remote Control Panel with an LCD display which gives the User full control over the system. Using the Control Panel, you can activate and control most of the functions of the System. When combined with an existing or optional accessory Water Meter, it will provide detailed current and historic Water Consumption and Cost Data.

Features

- Patented Leak Sensor shuts off water once a leak is detected
- Peak Period Water Usage Leak Detection mode (6am – 9am and 6pm – 9pm)
- Off Peak Water Usage Leak Detection modes (9am – 6pm and 9pm – 6am)
- Water may be manually shut off using the Control Panel (eg: for maintenance)
- Simple Manual Override Facility (you can never be without water)
- Replaceable Mesh Filter protects unit from debris in water supply
- Selectable Leak Detection Exclusion Periods
- Day, Time, Temperature and Radio Signal Strength displays
- Leak Detection Time adjustable from 5 to 180 minutes
- Fast Test Facility allows rapid system function check
- Holiday or Away mode - special leak detection setting
- Water shutoff pre activation warning indicator
- System Check facility assists in quick identification of leaks
- Temporary Override of System from Control Panel
- Battery Power Level Indicator
- Low Battery Warning System
- Optional External antenna for increased range
- Can be connected to most water meters with a pulse output *
- Available with an integrated water meter if required *
- Real time water consumption and cost displays *
- Emergency Service plug provided
- Simple to install

*optional feature



Specifications

Flow Range	0 - 100 L/min (0 - 22.2 Gal/min)
Normal Pressure range	70 - 1000 kPa (10 - 145 psi)
Maximum Operating Pressure	1000 kPa (145 psi)
Maximum Operating Temperature	50° C
Pressure Loss	@60 L/min - 8 kPa (@13.2 Gal/min - 1.16 psi)
Power Source - Control Valve	1 x 9V Alkaline Battery, 2 x AA Batteries
Power Source - Control Panel	3 x AA Batteries
Flow Sensing Capacity	30 ml/min - 100 L/min
Valve Thread	DN25 / 1" BSPT (25mm)
Control Valve Construction Material	UV Stable High Strength PVC

Certifications & Testing Approvals

Watermark Certification 23037
 ATS 5200.030
 AS4030



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