Smart Water Leak Alarm - Type SLD-1

The SLD-1 uses both flow and sensor-based detection. Designed for small houses, flats, and apartments. Offering a hassle-free solution for both contractors and individuals seeking a reliable method for smart water leak detection. Can be set up with either the 'Ewater' app on your mobile phone or input manually with the touch screen. Comes in two sizes - 22mm (3/4") and 28mm (1").

Features

- **Alarm Panel dimensions: (L) 183.5mm x (H) 97mm x (W) 85mm**
- **Connection size: Comes with either 22mm (3/4") or 28mm (1") BSP brass unions**
- **Use 'Ewater' mobile phone app to control settings and monitor real time measurements**
- **The unit comes a power adaptor and a 3-pin plug with 1.5m of cable.**
- **Inlet Pressure: Maximum of 4 bar/58PSI. Water temperature range: 5-38 ° C**
- **Power adaptor has Voltage Rating of: 100 - 240VAC ~ 50/60Hz. Power: 2W**
- **Minimum Flow Rate: 0.1 L/min. Maximum Flow Rate: 67L/min**
- **Alarm Panel comes with batter back-up.**
- **Wireless Probe: (L) 70mm x (H) 25mm x (W) 50mm. Max range of 10m**
- **Kit comes with 1 wireless probes. An additional 6 can be purchased.**
- **Comes with key fob that can turn valve on/off.**

Integrated Flow and Sensor-Based Technology

Flow monitoring will trigger an alarm and shut off the valve should: The amount of water exceeds a preset threshold (adjustable to the occupancy and facilities of the property). The length of time there's a continuous flow of water in to the property. There is a sudden burst pipe.

Remote sensor monitoring will trigger an alarm and shut off the valve should water touch them. Probes can be positioned in vulnerable areas around the property such as in kitchens, bathrooms and utility rooms. The sensors are wireless and can be positioned up to 10m from main unit. The batteries used in the probes have been specified to last up to 1 ½ years.

Benefits of using Smart Water Leak Alarm – SLD-1

- Alerts' you that there's a leak even if you can't immediately see it.
- Offers peace of mind that your property is protected even when you're not there.
- Protects your most valuable possessions from being damaged.
- Greatly reduces the need for expensive repairs following a leak.
- Uses wireless connections removing the necessity to run unsightly cables around the property (when using the remote probes).

Settings:

Alarm Type	*Description*	*Choice of Values*
Water Volume (L)	The amount of water in litres that will continuously flow before it triggers an alarm and shuts the valve.	0 - 9999 litres Example: Running a bath will take ~ 100 litres. Same as a 10–15-minute shower.
Time (mins)	Set the maximum length of time for a continuous flow of water.	0 – 9999 mins Example: Running a bath takes ~ 10-15 minutes.
Micro Leakage Setting (mins)	Set to detect small leaks as low as 5L per hour. This is set as a time.	0 – 9999 mins Example: 45 minutes This will trigger an alarm and switch off the valve should a low flow of water run for longer than 45 minutes.
Maximum flow (L/min)	Used to quickly detect large leaks such as burst pipes.	0 - 9999 litres Example: A small house will typical use up to 50 litres per minute at peak times.
Automatic valve shut-off (s)	This is used to automatically open the valve following an alarm.	Example: if a bath exceeds a predetermined threshold while running, the alarm will activate. As long as you promptly turn off the taps within the 'automatic valve shut-off time', typically 20 seconds, the valve will reopen automatically. However, this feature will only engage if there are no leaks detected anywhere in the building.
Holiday Feature (days)	This setting is used to automatically close the valve when there is no flow through the main unit for a set period of time.	0 – 9999 days Example: You go on holiday for 7 days. You have set the 'holiday feature' for 3 days. After 3 days of no water flowing, the valve will automatically close. Reducing the chance of a leak whilst you are away.
Valve Test (days)	Decide when you would like the valve to close and re-open. This checks that the valve is working correctly. Preventing malfunction through lack of use.	0 – 999 days Example: Set for 30 days. Once every month, the valve will close and re-open.

NOTE: Setting any of the above values to zero will switch off that feature