



# LK Water Safety System

## Smart insurance against water damage

In today's modern houses, especially in the kitchen, there are many water-connected products, which are potential leakage risks. It could be a dishwasher, kitchen faucet, refrigerator, freezer or an ice maker. With LK Water Safety System you can secure your home and avoid unnecessary and costly surprises.

- Detects, alarms and turns off
- Provides better control of the water
- Can be monitored remotely by app
- Can be connected to the home alarm system
- Connected wireless or wired

### Flexible and easy-to-install monitoring system



### As natural and safe as an RCD

Preventive measures are dear to the hearts of insurance companies. In their world, water damage constitutes a significant cost – up to SEK 5 billion each year. Most insurance companies will therefore offer you a reduced premium if you install a water safety system.

From a safety perspective, a water safety system is as wise a choice as an RCD. Whereas an RCD protects your home from damage caused by electrical faults, a water safety system protects you from water damage.

### Select the solution that suits you best

We have put together some package solutions that suit different needs and situations. Accessories allow you to combine and extend to suit your needs.

#### LK Start Package WSS (Art no. 188 22 99)

Used to easily turn off and turn on the water when you leave or arrive home at your house. Includes a master unit, a motor valve and a control panel. The control panel is installed just inside your front door and communicates wirelessly with the main unit, which in turn turns the water on and off.

#### LK Standard Package WSS (Art no. 188 23 00)

The Standard package has the same content and features as the Start package, but also includes a leak detector with two sensors. This allows you to automatically detect any leaks where the sensors are placed, for example, under the sink or dishwasher.

#### LK Standard Package Plus WSS (Art no. 188 23 01)

The Plus package has the same content and features as LK Standard Package WSS, but also includes a pressure sensor that monitors the pressure in the water system and sounds an alarm if changes occur, even in the event of minor drip leaks.

#### LK Leakage Switch WSS (Art no. 188 22 98)

A package with a master unit, two motor valves and two sensors. Used locally in places where one wants automatic shut-down of the cold and hot water if a leak is detected, such as under the sink the kitchen. More sensors can be connected to cover a larger area.

#### LK Automatic WSS (Art no. 188 23 54)

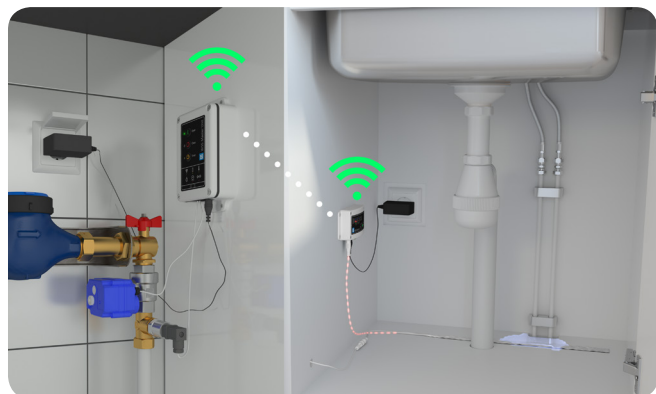
A package with a master unit, a motor valve and a sensor. Used where you quickly want to detect any leak, for example at a water dispenser or a coffee machine. More sensors can be connected to cover a larger area.



# One system with many smart features

## Easy to install in a few steps

A master unit, motor valve and control panel form the basis of the system. The required number of leak detectors and sensors are connected to this to detect leaks at exposed locations.



1. Place the sensors wherever there is a risk of leakage, for example under your dishwasher and sink.
2. Connect one or more sensors to the leak detector.
3. Install the motor valve on your incoming water supply, after the water meter. The master unit, which communicates with the leak detector, is also installed here.
4. The control panel is best installed inside your front door, so you can easily turn the water off and on when you leave or arrive home.

If a sensor detects dripping or a leak, it will send a signal to the master unit triggering an alarm and turning off the water.

The system communicates wirelessly or wired depending on how it is installed. Wireless communication is particularly good in existing buildings, where it can be difficult to pull cables.

For extra protection, **LK Pressure sensor** can also be installed at the motor valve. When the water is turned off, the system continuously checks that there is no leakage. The sensor alarms when it detects a pressure drop, even in the event of minor drip leaks.

## Anti-freeze protection

A safety feature in the system is the temperature sensor that shuts off the water if the indoor temperature falls below +5°C. The temperature sensor is integrated in both the control panel and the leak detector.

## Control using the LK AtHome app

With our LK AtHome app the water safety system can be controlled by smartphone, tablet or computer. It has a user-friendly interface that makes it easy to control and monitor all functions, for example shutting off water remotely. If something goes wrong, the app will alert you by sending a push notification. Requires that the accessory **LK Webservice** is installed.

## Connect to your home alarm system

LK Water Safety System can be connected to your home alarm system so you can easily turn your water off when you activate your home alarm, and turn the water on again when you deactivate the alarm. You can then control both the alarm and the water supply via your home alarm system's control panel or app.

There are two ways to connect the systems depending on whether the home alarm system has a smartplug or not.

- A home alarm system with a smartplug can be connected using the **LK Smartplug module**.
- If the home alarm system lacks a smartplug, **LK Input link** must be connected to the alarm centre in order for the systems to communicate.

ACCESSORIES	ART NO.
LK Control Panel WSS	188 22 87
LK Leak Detector WSS	188 22 97
LK Sensor with branch cable WSS	188 22 22
LK Branch Cable WSS	188 22 23
LK Extension Cable WSS	188 22 88
LK Power supply 5V	188 22 89
LK Pressure Sensor with T-piece 3/4" WSS	188 22 20
LK Webservice	241 70 35
LK Electric valve 12V WSS, G15 / 1/2"	188 23 08
LK Electric valve 12V WSS, G20 / 3/4"	188 22 86
LK Smartplug module WSS	188 23 20
LK Input Link WSS	188 23 29
LK Bracket WSS Manifold Cabinet UNI	188 22 21
LK Rail WSS Manifold Cabinet UNI	188 23 21

For the full range and assembly instructions see [lksystems.se/en](http://lksystems.se/en)