

WaterFuse[®]

- Protects against waterdamage -

House



Cottage



Apartment



Equipment



Public area



Kitchen

WaterFuse[®]

*Our wide range of waterleakage system
creates possibilities for You*

WaterFuse®-House

WaterFuse® - House is a complete system that minimizes the risk of water damage.

Water Detectors feel continuously whether the leaks occur at vulnerable locations such as dishwasher and alarm and turn off the water at the leak. When leaving the house shut the water off in the entire house with a press of the remote unit, or CPU, immediate or delayed, and turned on as easily.

When the water is off, an automatic leak check of the electronic pressure transducer. That means that even hidden defects that may exist inside the walls is identified and a daily quality control on the piping in the building carried out.



WaterFuse® - House has three main functions:

- Easy to shut-off the water when you leave home
- Automatic leak check of the system
- Detects, shut down and an alarm in case of leakage during for example, dishwasher and washing machine.

Art.nr	Description	RSK
VFB131-DN20	WaterFuse® - House Complete	561 98 34
VFB101-DN20	WaterFuse® - House	561 98 30
VFB111-DN20	WaterFuse® - House + Remote	561 98 32
VFB121-DN20	WaterFuse® - House + Waterdetector	561 98 33
VFB141-DN20	WaterFuse® - House Bas *	561 98 37

(Complete contain both Waterdetector and Remote)
(* House Bas dont have pressure sensor)

WaterFuse®-Cottage protects easy

WaterFuse® - Cottage is a bit simpler system than the Villa, but that reduces the risk of water damage in an efficient manner.

Water Detectors feel continuously whether the leaks occur at vulnerable locations such as dishwasher and alarm and turn off the water at the leak. When leaving the house shut the water off in the entire house with a press of the remote unit, or CPU, immediate or delayed, and turned on as easily.

The system can not measure the pressure drop as WaterFuse® - House system and uses a reliable but simpler radio transfer rate between the wireless devices.



WaterFuse® - Cottage has two main functions:

- Easy to shut-off the water when you leave home
- Detects, shut down and an alarm in case of leakage during for example, dishwasher and washing machine.

Art.nr	Description	RSK
VFB193-DN20	WaterFuse® - Cottage Complete	561 98 65
VFB190-DN20	WaterFuse® - Cottage	561 98 53
VFB191-DN20	WaterFuse® - Cottage + Remote	561 98 57
VFB192-DN20	WaterFuse® - Cottage + Waterdetector	561 98 61

(Complete contain both Waterdetector and Remote)
(Also exits in DN15, DN25 & DN32)

WaterFuse® –Apartment

WaterFuse® - Apartment is a product that simply reduces the risk of suffering from water damage in the apartment.

Water damage in apartments often create significant costs and discomfort. The cost is about remediation and restoration but also the cost of evacuating residents. Water damage often also affects one or more underlying apartments.

Apartments are being built more and more with individual water metering. It creates opportunities to protect the properties and apartments from water damage through automatic water shut off at läcka.Genom assemble into motorized ball valves in water distribution cabinets, opening up the opportunity to turn the water per apartment. Water detectors placed in distribution cabinet and sub eg dishwasher and alarm and turn off the water at the leak.



Other possible areas of use:

- Monitoring and shutdown of water in industry. Up to 16 wireless water detectors can be connected.
- Areas of properties that have a common distribution place and where wireless water detector can monitor

WaterFuse® - Apartment has two main functions:

- Probe in the water manifold cabinet that detects water leaks and turn off immediately.
- Water detector detects, closes and alarm if the discovers a leak under eg sink, dishwasher.

Art.nr	Description	RSK
VFB200-DN15	WaterFuse® - Apartment	561 98 68
VFB200-DN20	WaterFuse® - Apartment	561 98 69
VFB210-DN15	WaterFuse® - Apartment + Remote	561 98 72
VFB220-DN15	WaterFuse® - Apartment + Waterdetector	561 98 76
VFB230-DN15	WaterFuse® - Apartment Complete	561 98 80

(Complete contain both Waterdetector and Remote)

WaterFuse® –Equipment protects the office

Our offices are filled with more and more water connected devices. Unfortunately, these devices start to leak and office suffer severe water damage.

WaterFuse® - equipment is a product that simply reduces the risk of suffering from water damage at the office.

In the morning beats easily on the water by pressing ON on the controller. At the same time, a timer that automatically shuts off the water 12 hours later. The sensor is placed in the machine and if it gets water at the shut the water off immediately.

If you want the water to be on constant is also such a function. You control when the water manually on / off and the sensor constantly monitors the water is on.



Other possible areas of use:

- A perfect solution when individual equipment shall be monitored in the restaurant, shops, industrial or multi-family houses.

WaterFuse® - Equipment has three main functions:

- Sensors that detect water leaks and shuts down immediately.
- The timer on the water so the water is turned off automatically at evenings and nights.
- Alarm or property management can turn off the water when no one is in place.

Art.nr	Description	RSK
VFB300-DN15	WaterFuse® - Equipment	561 98 84
VFB300-DN20	WaterFuse® - Equipment	561 98 85

(Extra valve can be used to control both cold & hot water in a pantry, etc.)

WaterFuse® – Public area protect schools

Every year, many restrooms and locker rooms in schools and public buildings of vandalism or forgotten cranes. Water damage is often very high and amounts to fix them very large.

WaterFuse® - Public area is a product that simply reduces the risk of suffering from water damage by vandalism or by forgetfulness in eg retirement homes. The product is based on the principle that if there is presence, there is water, not otherwise.

The same presence detector used for water is also used for lighting. Thus, the place is always water when the lights are on and when it goes off also turns the water off.



Other possible areas of use:

- Spaces that are rarely used as cellars can be controlled so that attendance is required for the water to be on.

WaterFuse® - Public area has two main functions:

- When the occupancy sensor detects the presence turned the water on and illuminated.
- When no one feels the presence of starting adjustable delay and then turns off the water and the lights off.

Art.nr	Description	RSK
VFB500-DN15	WaterFuse® - Public Area	561 98 88
VFB500-DN20	WaterFuse® - Public Area	561 98 89

No presence sensor in the package, exampel of sensor: Eljo Trend E1315005

WaterFuse® – Kitchen

Vattenfelsbrytaren WaterFuse® - Kitchen is a system developed to protect the kitchen from water damage. The kitchens are getting more and more water connected devices, while there is no waterproofing and floor drain that can handle a water leak. In the sink cabinets, we often have a large number of connections to the tap, dishwasher, etc. Meanwhile, we have waste pipes from the sink and dishwasher with a number of joints, which does not always fits quite as intended. This is one of the reasons that kitchens have over 30% of all water damage in a house and are even higher in the apartments.

Water sensors are placed under the sink and dishwasher on the waterproof cover installed there. Water sensors have a cable with plug fitted directly into the central unit.



Bild: VFB600-DN15

The central unit and the valves are placed in the sink cabinet. When a water sensor detects water it sends a signal to the central unit, that immediately starts an alarm and turn off the water.

WaterFuse® - Kitchen main function:

- Detects, turns off and alarm if water is detected under sink or dishwasher.

Art.nr	Description	RSK
VFB600-DN15	WaterFuse® - Kitchen	521 65 21
VFB600-DN20	WaterFuse® - Kitchen	521 65 22

WaterFuse® - Products for safer owning

WaterFuse® systems are designed to reduce the risk of being affected by water damage, thereby creating a more secure ownership. The product range extends from solutions that protect individual appliances such as coffee machines, via vandalism protection and construction site protection to systems for houses and apartments.

The products always use motorized ball valves which are much less sensitive to dirt and contaminants than solenoids, only consume energy when they move and creates no pressure drop.

The systems are designed to easily turn off and turn on the water when leaving eg the house where the safest and easiest way to avoid water damage is that the water is off. While they can be easily integrated with various property controls or alarms.

The ball valves are available with other dimensions via special order for the various products.

WaterFuse® system is built on four main functions:

- Ball valves are motorized and capable of manual control.
- Easy to turn off and turn on the water when leaving the house, the location, the equipment.
- Water detectors to alert and shuts off if they detect water.
- Can be connected to an external control that Building Control (KNX, ...) or alarm system.

Water Damage Facts

Statistics:

Every year there are over 70,000 water damage in buildings. About three percent of the households affected. The cost of these is unimaginable five billion dollars per year, equivalent to 100 million per week.

Water Damage survey written by the insurance companies along with plumbing companies divides damage in three types of damage:

- 59% - Damage caused by leakage from a pipe.**
- 23% - Damage caused by leakage from installed equipment.**
- 18% - Damage caused by leakage through the membrane.**

What is the most common cause of water damage?

Leaking pipes and pipe fittings, accounts for about 60 percent of all water damage. This risk is greatest when the installation is new. At older installations are corrosion common cause of injury. Another risk factor is freezing, then pipes that simply from freezing in cold weather.

Between 25-30 percent of water damage occurs in the kitchen, but that number is increasing with every new water connected devices.

Source: www.sakervatten.se och www.vattenskadecentrum.se



WaterFuse®



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