



Viwa Watersafe single.

Comes with solenoid valve and detector cable

1/2 " Nrf. No. 9815494

3/4 " Nrf. No. 9815495

1 " Nrf. No. 9815496



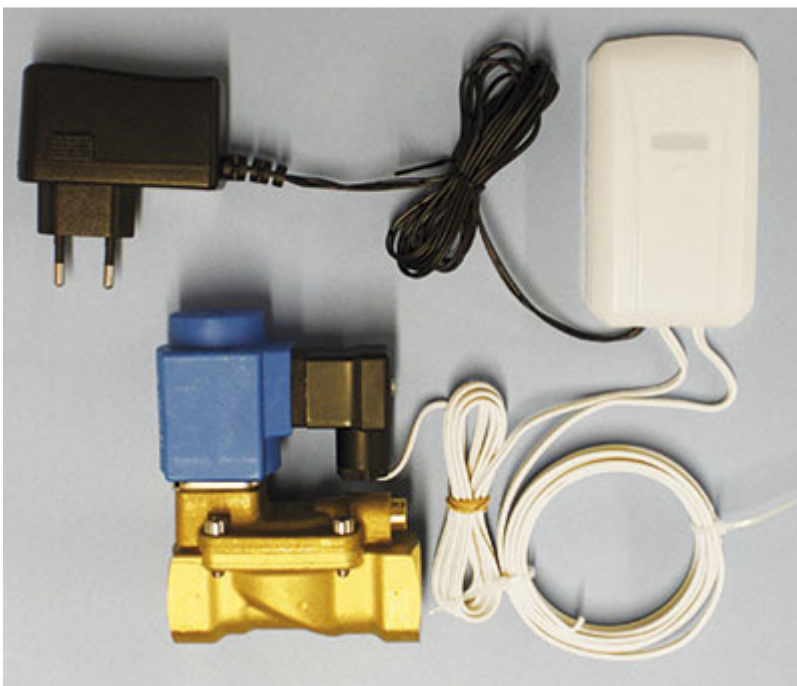
Viwa Watersafe dual.

Comes with detector and 2 solenoid valves for hot and cold water

1/2 " Nrf. No. 9815497

3/4 " Nrf. No. 9815527

1 " Nrf.no. 9815528



Viwa Watersafe wireless.

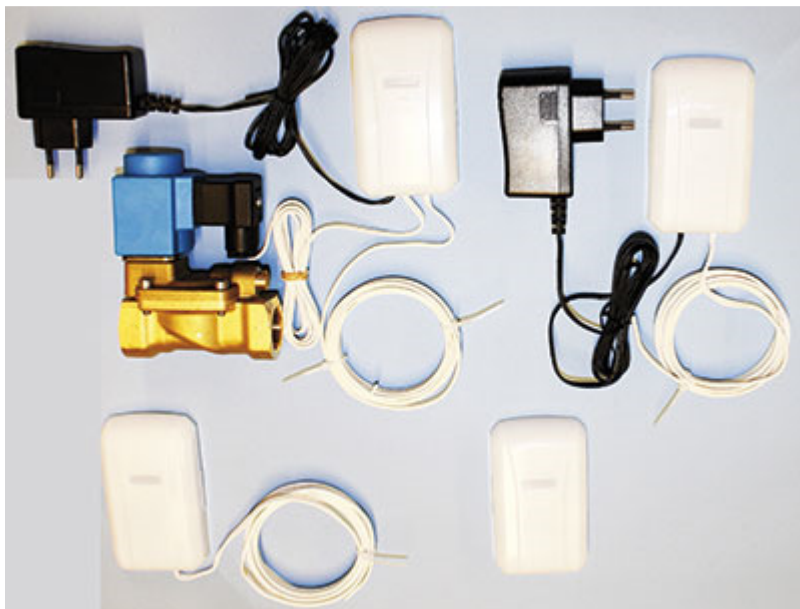
1/2 " single Nrf. No. 9815498

3/4 " single Nrf. No. 9815526

1/2 " dual Nrf. No. 9815533

3/4 " dual Nrf. No. 9815524

1 " single Nrf. No. 9815525



Villa Package

Contains 3/4 inch solenoid valve
 1 receiver with detector cable
 1 detector for power line (kitchen)
 1 detector with battery (washroom)
 1 detector with battery

Can be expanded with detectors as desired.
 Comes in all dimensions. (1/2 "+)
 The receiver can be connected to alarm
 centrals, PC or SMS.
 Easy installation and programming.
 Nrf.no. 9815534



Detector for power line: Nrf. No 9815499

Detector with battery: Nrf. no. 9815531

Door switch: Nrf. no. 9815532

User's Manual Viwa WaterSafe Wireless Model.

The system consists of:

- Receiver connected to the solenoid valve, should be mounted where the water is to be stopped.
- Transmitter for power line or battery. (99 transmitters can be connected to the receiver).
- Doorswitch

Both the receiver and transmitter have detector cable that activates the electronics in case of water leakage.

Function:

When leakage occurs, the detector cable is short circuited by the water on uninsulated spots, and send the radio signal to the receiver which activates the solenoid valve. Thus, the water is shut off.

Press on the lid of the box acts as on/off switch, (only a short press).

Note: When the lid is pressed for more than 3 seconds the switch acts as a programming button.

Test:

The system should be tested every six months.

Battery:

Should be replaced once a year

Procedure:

Receiver: Press on the lid and check that the solenoid valve cuts off the water. Press the lid and check that the solenoid valve open up the water. Repeat the operation for the transmitters and the doorswitch.

Test also by short circuit the detector cable with a wet cloth against the uninsulated spots on the cable.

Reset after leakage or test:

The system must be reset from the detector which is activated.

Light function:

Receiver lights always green.

Transmitter with powersupply flash green every 3 seconds.

Transmitter with battery lights up green for a second when the new battery is fitted is otherwise without light.

Doorswitch with battery lights up green for a second when the new battery is fitted is otherwise without light.

When the device with powersupply is activated by pressing on the lid it lights red all the time. Devices with battery lights up red with short blink every three seconds.(battery saving).

When leakage occur the receiver shows which detector is activated, if the detector on the receiver is triggered, the red light is on all the time, When the detector on the transmitter No. 2 is triggered, the red light on the receiver will flash two times, so a short stint before the two new red blink. 3 flashes for detector no. 3, and so on. If the red light on the transmitter with the battery flashes red without activating the receiver/solenoid valve, it means that the battery is getting weak and needs to be replaced.

User's manual, Viwa Watersafe single and double, with cable

1. Normal operation. Unit lights up green
2. By moisture on the sensor cable, the unit will light up red and solenoid valve is activated.
3. Check leakage and wipe the sensor cable. Then press the reset button, and the water is put back on.
4. Viwa Watersafe should be tested at least once per each 6 month. This is done by taking a damp cloth on the uninsulated area of the sensor cable, and the electronics will go into alarm. BRIGHT RED.
5. Wipe off any moisture on the sensor cable after test.
6. Then press the reset button (black button) at the top of the box. The box lights green and is in normal operation.
7. Make sure that the sensor cable is not located with the uninsulated area against metal.

Installation description for Viwa Watersafe wireless model.

(Do not mix with old model).

Mounting the box with double sided tape.

Tear of the protection tape, place the unit in the desired location and press hard top and bottom of the box.

Mounting with screws.

Remove the top cover by squeezing the side walls from both sides.

Programming Viwa Water Safe wireless model.

1 Receiver with solenoid valve.

Press the lid till green light has flashed stronger twice, then release.

Transmitters of all kinds.

2 Press the lid till green light has flashed stronger one time, then release.

Once contact is established, the lights are green and the devices are programmed.

Then test all the devices by pressing the lid to see if the solenoid valve closes and opens.

Also take a test with water on the stripped area of the sensor cable. Detectors with power flashes green.

Detectors with battery do not light during normal operation (power saving).

All sensors should be tested every 4 month.

A repeater/signalamplifier can be installed if radiosignals is weak.

Connection to an alarm system.

Viwa Watersafe with relay has an alarm output. The output is on the terminal block J3, connector 5 and 6. The contact is potential free alarm output.

Installations that must be ensured in accordance to FG-approval:

Installations in room without drain to be protected with automatic water stop valve:

- Kitchen countertops/cabinets and associated piping connections.
- Dishwasher and associated piping connections.
- Washing machine and associated connections.
- Water Filters and related links.
- Refrigerator with water supply and associated water pipes.
- Drink dispensers and associated connections.
- Water heaters with connecting pipe.
- Rooms without drains where closet for pipe-in-pipe system has drain into the room.
- Rooms without drains with sanitary equipment without overflow.
- Hidden and open water pipes that are not secured by a protection pipe or placed in rooms with waterproof floor.
- Builtin toilet cistern.

Leakage from pipe-in-pipe system is led to distribution closet. In distribution closet where the leakagewater is led out of the wall, but are not led to drain, a water stop must be installed. If condense occur in the distribution closet, the detector cable is mounted where the water runs out on the floor.

Installations that must be ensured in accordance to TEK -10 approval: (Norwegian standard)

§13-20. Våtrom og rom med vanninnstallasjoner.

a) Våtrom skal prosjekteres og utføres slik at det ikke oppstår skade på konstruksjoner og materialer på grunn av vannsøl, lekkasjevann og kondens.

b) Følgende skal minst være oppfylt:

a) Våtrom skal ha sluk og gulv med tilstrekkelig fall mot sluk for de deler av gulvet som må antas å bli utsatt for vann i brukssituasjonen. Rom med sluk skal være utformet slik at eventuelt lekkasjevann ledes til sluk.

c) I rom som ikke har sluk og vanntett gulv, skal vanninnstallasjoner ha overløp eller tilsvarende sikring mot fuktskader. Gulv og vegger som kan komme til å bli utsatt for vannsøl, lekkasjevann eller kondens, skal utføres med fuktbestandige materialer.

d) Rom uten sluk skal utformes slik at eventuelle lekkasjer synliggjøres.

e) Vegger med innebygde sisterner eller lignende skal sikres mot fuktinntregning fra lekkasjer fra installasjonen. Eventuelle lekkasjer skal synliggjøres og i andre rom enn våtrom skal lekkasjen føre til automatisk avstegning av vannet.