VIWA
Watersafe

USER AND INSTALLER MANUAL

VIWA WATERSAFE

**THE SYSTEM MUST BE TESTED
FOR FUNCTIONALITY
EVERY 6. MONTHS**

TEKNISK GODKJENNING
TG 20188
SINTEF Certification

FG

Product and safety information

Read these installation and operating instructions carefully and follow the instructions for mounting and using the system.

Installation and assembly of the product must only be carried out by an approved plumber.

The warranty does not cover repairs of defects resulting from incorrect use or installation of the product.

The system must be tested for functionality every 6 months. Read more about the function test in the user manual.

The products contain electronics and in some cases batteries. Such products must always be sorted from other waste. Do not dispose of these products in normal household waste.

1. Installation instructions

Solenoid valve

1. The valve can be mounted horizontally and vertically, but the blue coil must never hang downwards.
2. The valve must be installed in the correct flow direction - an arrow is marked on the valve.
3. The valve is mounted after the main stopcock on the pipe you want shut off.
4. If a fire hose is fitted, the valve must be fitted after the outlet for fire hose.
5. There is a separate filter in the inlet of the valve, but an extra filter must be installed in front of the solenoid valve where there is a risk of dirt and larger particles in the water.
6. For this system, only a 12V blue magnet coil may be mounted.

Ball valve

1. Mounted horizontally or vertically for cold and hot water up to 90 °C.
2. The valve is mounted after the main stop cock on the pipe you want shut off.
3. If a fire hose is fitted, the valve must be fitted after the outlet for the fire hose.
4. Ball valve 12 volts/500 mA. The valve is made of stainless steel.
5. The valve can be opened manually by first pulling out the blue wheel and then turning in the direction of the arrow.
6. On top of the valve, you can see an "eye"/indicator that shows whether the valve is open or closed. Make sure the wheel is not pulled out during normal operation.
7. The valve closes and opens again every 24 hours.

2. Wired version, marked with a blue round dot
- No option for wireless sensors

The sensor cable must be attached so that it rests firmly on the floor with the insulation down towards the floor. The electric box is plugged into the socket. A green light will light up on the box (DRIFT)(OPERATION).

NB! Check that the valve closes and opens by taking a little moisture on the detector cable, if necessary open the kitchen tap. See that the water shuts off.

In the event of a leak, an alarm will change to a red light (ALARM). Press RESET on the control panel to open. The system must then be tested every 6 months.

Autotest:
Electronics and solenoid valve have an on/off function every 24 hours.
This function starts 12 hours after the electric box is plugged in.

Troubleshooting
• Check that the sensor cable is dry.
• Check that there is not a lot of dust near the sensor cable.
• Check that the sensor cable is not in contact with metal in the stripped area.
• Check that the sensor cable has not twisted so that the stripped area of the cable is not in contact.

3. Wireless edition
The system comes fully programmed. You can easily program several sensors yourself. (See page 5.)

• The sensor cable must be attached so that it lies firmly against the floor with the insulation down towards the floor.
• The electric box is plugged into the socket.
• There will be a green light on the box (DRIFT) (OPERATION).

NB! Check that the valve closes and opens by adding a little moisture to the detector cable - if necessary open the kitchen tap. Make sure that the water actually shuts off.

Autotest:
The electronics and solenoid valve have one on/off function every 24 hours.
This function starts 12 hours after the electric box is plugged into a socket.

Alternative sensor with 2 x AAA batteries

Explanation

Main Unit:
The device will have a green light (DRIFT) (OPERATION)

ALARM sound and red constant light on main unit
= Sensor cable on the main unit has cut out.
Press reset on this panel to open.

ALARM sound and red flashing light on main unit
= Wireless sensor alarm has been set off. The number of flashes indicates which sensor has switched off.
Wireless sensor will also flash red. Press reset on the relevant wireless sensor to open.

In the event of a flashing red light and an audible alarm on the main unit every 5 minutes as well as a flashing light on the battery sensor, the battery on the sensor should be replaced as soon as possible.
(2 AAA batteries).

Sensor with plug:
Green light will flash every 3 seconds (DRIFT) (OPERATION)

ALARM red flashing light from sensor (sound only coming from main unit):
Press reset on the relevant sensor to open.
NB! Pressing reset on the main unit does not help.

Sensor with battery:
2 AAA batteries
Will only light green for 1 second when battery is installed and is otherwise without light. The same applies to door switches.

ALARM red flashing light from sensor (sound only coming from main unit):
Press reset on the relevant sensor to open.
NB! Pressing reset on the main unit does not help.

Programming of additional sensor
(Complete packages come fully programmed)

Main unit:
Press the programming button (small black button) unit it has flashed 2 times.
NB! Do not release the black button until it has flashed FERDIG (DONE) 2 times.
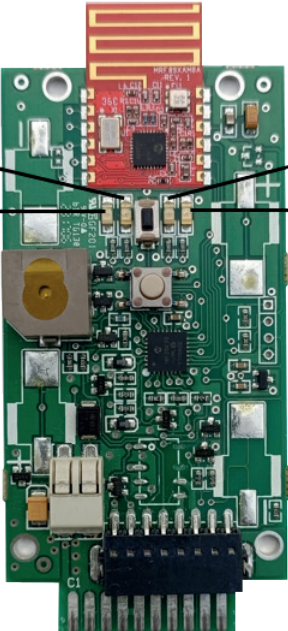The green light will then flash rapidly.

Sensor:
Press the programming button (small black button) until it has flashed 1 time.
NB! Do not release the black button until it has flashed FERDIG (DONE) 1 time.
After successful programming, the main unit will light continuously green, and
the sensor will flash continuously.
Test with OFF-ON button. You should then be able to get the valve to switch
off and on.

Explanation of circuit board

LED 1. lights up steadily or flashes green when everything is OK

LED 3. flashes red when the device receives a wireless message.

LED 2. flashes red when the device is sending a message wirelessly

LED 4. flashes or is solid red when the solenoid valve is activated. Valve closed/ in alarm mode

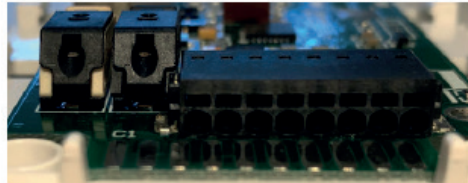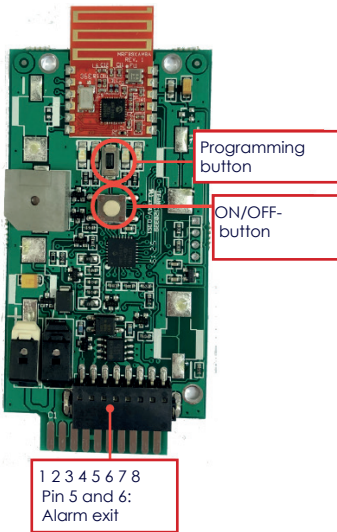# Amplifier programming

Main unit:
Hold the programming button (small black button) until it has flashed 2 times.
NB! Do not release the black button until it has flashed FERDIG (DONE) 2 times.
The green light will then flash rapidly.

Amplifier:
Hold the programming button (small black button) until it has flashed 3 times.
NB! Do not release the black button until it has flashed FERDIG (DONE) 3 times.

Programming button

ON/OFF-button

1 2 3 4 5 6 7 8
Pin 5 and 6:
Alarm exit

Pin 5 and 6: Alarm exit

Pin 5 and 6 are used for SD
Pin 3 and 4 are used for:
Remote control (light control)
Potential-free contacts

Resetting the system/main unit

NB! The routine will delete all operationally programmed data!

All sensors must be reprogrammed after this process.
Sensors that have been programmed previously should also be reset.
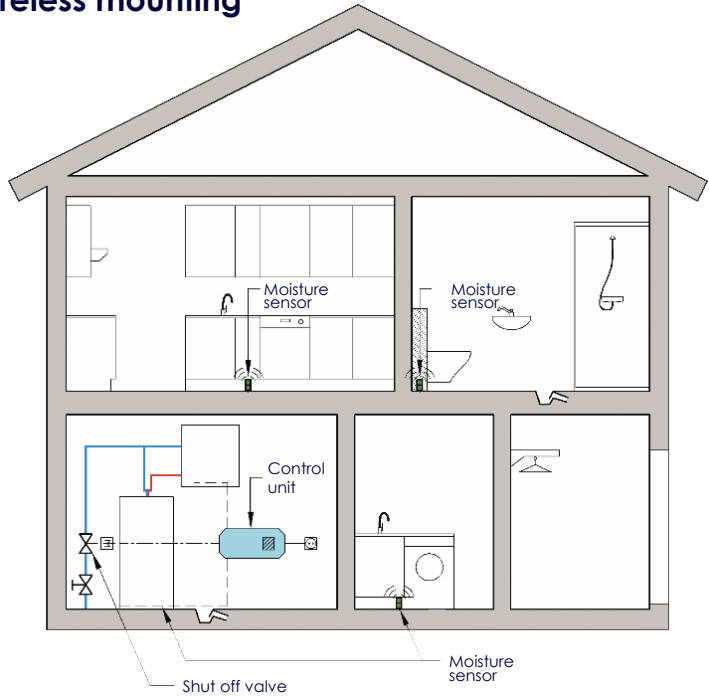Same procedure for both main unit and associated products/sensors.

Main unit/sensors:
Press down the black programming button until it has flashed 4 times.
NB! Do not release the black button until it has flashed FERDIG (DONE) 4 times.
Confirm by holding the black programming button 1 flash on the same device.

NB! Do not release the black button until it has flashed FERDIG (DONE) once.
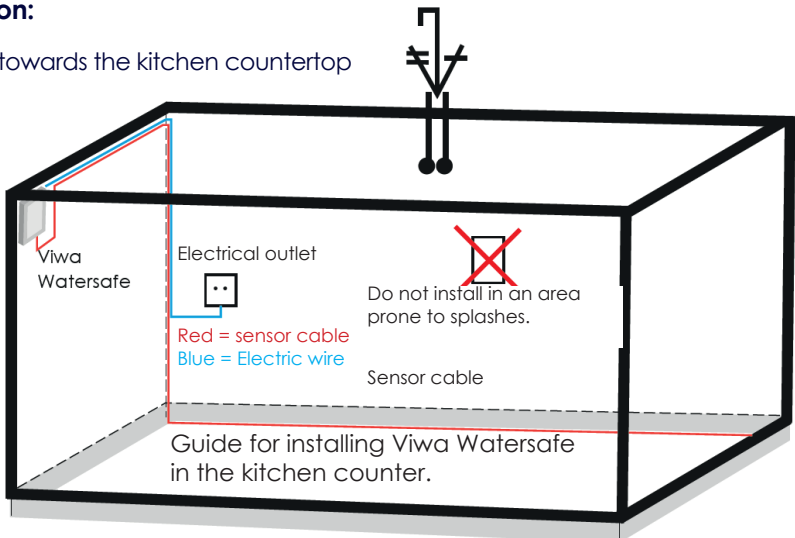
Sketch for wireless mounting

Moisture sensor

Moisture sensor

Control unit

Shut off valve

Moisture sensor

Recommended installation in the kitchen counter

Installation:

Install up towards the kitchen countertop

Viwa Watersafe

Electrical outlet

Do not install in an area prone to splashes.

Red = sensor cable
Blue = Electric wire

Sensor cable

Guide for installing Viwa Watersafe in the kitchen counter.

The sensor cable is placed in the kitchen plinth if possible.

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For advice and guidance,
please contact your local installer.

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