FLOOD SENSOR

perfection in every detail

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Home intelligence

Patent Pending

The most beautiful and functional flood sensor ever made

Fibaro Flood Sensor – futuristic design, compact size, and a wide variety of additional functions. Fibaro Flood Sensor is simply remarkable! This unique device can guard you and your family's safety. With its advanced technology and precision, the Fibaro Flood Sensor will alert you of a threatening flood, or a rapid temperature rise or drop. All while being maintenance-free without the need for professional installation.

In the beginning
there was a drop of water...

Water is the most common substance in the world. It gives life, but it can also take it away. Water allows us to enjoy each day and sustain a great feeling of refreshment. The importance of this substance, covering 70% of the world, is so great it inspired us to pay her tribute. The design of the Fibaro Flood Sensor was inspired by the perfect water drop. Every single drop, just like the modules of our system, can exist individually or they can connect with one another, forming a coherent ecosystem. The shape of a water drop is perfect and flawless, therefore our sensor's enclosure had to look the same. The Flood Sensor is made of high quality, white, glossy plastic and is perfect in every detail. It's design is extremely functional and the technology gives you endless possibilities.

see the details...

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features

TILT SENSOR
Detects tilt and movement over 15 degrees. It will also alert you of any attempt to move or tamper with the device.

ALARM SIREN
Built in alarm siren will help you react quickly in case of a flood, rapid temperature change, or attempt to tamper with it.

TELESCOPIC PROBES
Fibaro Flood Sensor is the only one in the World to perfectly work on uneven surfaces thanks to gold telescopic probes, which are flexible enough to compensate for uneven surface levels.
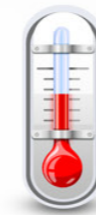
IN / OUT
Input terminal allows for connecting an external probe and installing the sensor in any location. Output terminal allows for connection to an alarm system.

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TEMPERATURE SENSOR
Built in temperature sensor may be used to manage an in-floor heating system or serve as a fire alarm sensor, by detecting rapid temperature rise.

BATTERY POWERED
A single battery is enough to power the Sensor for 2.5 years*.

TAMPER PREVENTION
Specially designed enclosure contains a tamper button, protecting it from being opened unintentionally.

VISUAL INDICATOR LIGHT
Aside from the alarm siren, the device can alert you of a threat using colour displays from the built in RGB diode.

* By using the default settings.

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One sensor, plenty of possibilities

Our Flood Sensor is a totally uncompromised device. It can be battery or VDC powered, depending on the operating location. The Sensor will work on 12 or 24 VDC. Thanks to the output terminal, Fibaro Flood Sensor can be integrated with any alarm system as well. Input terminal allows for connecting an external contact probe for using the Flood Sensor in places with limited accessibility.

Hard-wired Power or Battery

You can power the Flood Sensor by 12/24 VDC or a battery which will last 2,5 years.

Alarm System integration

The Sensor allows for integration with almost any available wired alarm system on the market.
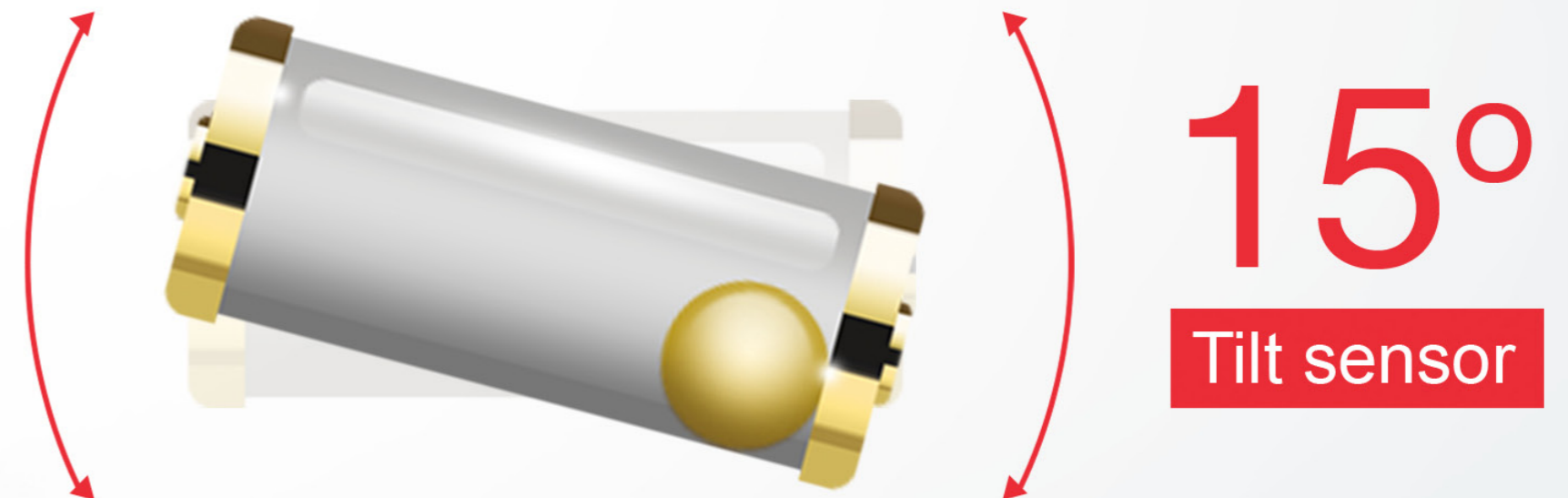
*fot. Satel - **www.satel.pl**

Wired or wireless

The Sensor allows for sending alarm notifications via wires or wirelessly.

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Dual Tamper protection

Our flood sensor is beautiful, which makes it desirable to grab and take a closer look. We know and completely understand this. Any movement or relocation can stop the sensor from serving its role, that's why it will be detected thanks to the built-in motion detector. Any attempt to open it will be detected resulting in a report being sent to the main controller as well. Mind you, this is a very important device, bearing huge responsibility, monitoring our home and helping us react quickly.

15°

Tilt sensor

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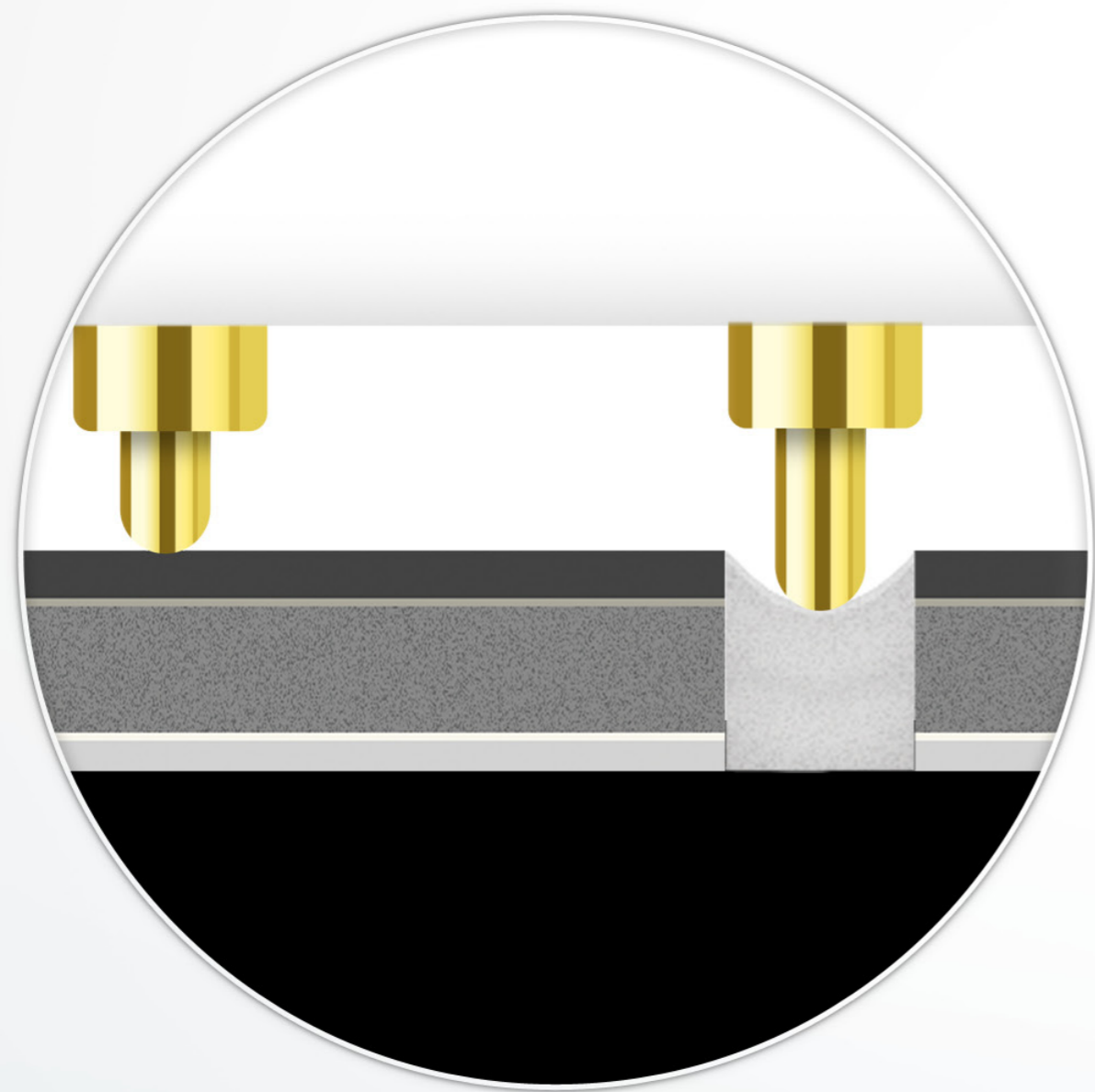Patent Pending

Wherever needed

It's crucial to quickly detect potential threats of a breakdown. With the Fibaro Flood Sensor's compact size, various powering and alarm system communication possibilities, you are guaranteed to be the first one to know about a breakdown and flooding threat. The Sensor may be installed in hard-to-reach places. It can work in any location you need. Even if it can't be installed in the precise spot needed, you can always connect a wired probe to detect the leak in its best probable location.

*Wired probe is not included with the Flood Sensor.

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Gold telescopic probes

Fibaro Flood Sensor is equipped with three ultra sensitive probes, plated with 24-karat gold. Sophisticated telescopic mechanism allows for placing the Sensor in any location, even on an uneven surface. Gold plating prevents the   probes from corroding and provides the best precise liquid detection. All this allows you to respond quickly, before the outcome of the breakdown gets serious.

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Opened enclosure alarm

For safety reasons, Fibaro Flood Sensor's enclosure is protected from being opened, turned off or destroyed.

Detecting any tampering will result in household members being notified by SMS, Push or e-mail.

Welcome home

13:22
John, Alice   18.02.2012

Temp.: 21°C
Hum: 56%
Wind: 23km/h

Sensor
FLOOD SENSOR

1s ago

Sensor was tampered

OK

Visual Colour Display

One look is enough to find out what happened, thanks to the coloured indicator light. Depending on the Flood Sensor's built-in LED illuminated colour, you will know whether the Sensor has detected water, or a decrease / increase in temperature.
With its built-in Z-Wave range tester you can easily determine whether the place you chose for the Sensor allows for communicating with the main controller or maybe you will have to use an external wired probe to ensure the Sensor's proper operation.

Flood alarm
Water detected

Out of range
Outside Z-Wave network

Direct range
Within Z-Wave network

80°C
Excessive temperature

21°C
Optimal temperature

-1°C
Temperature too low

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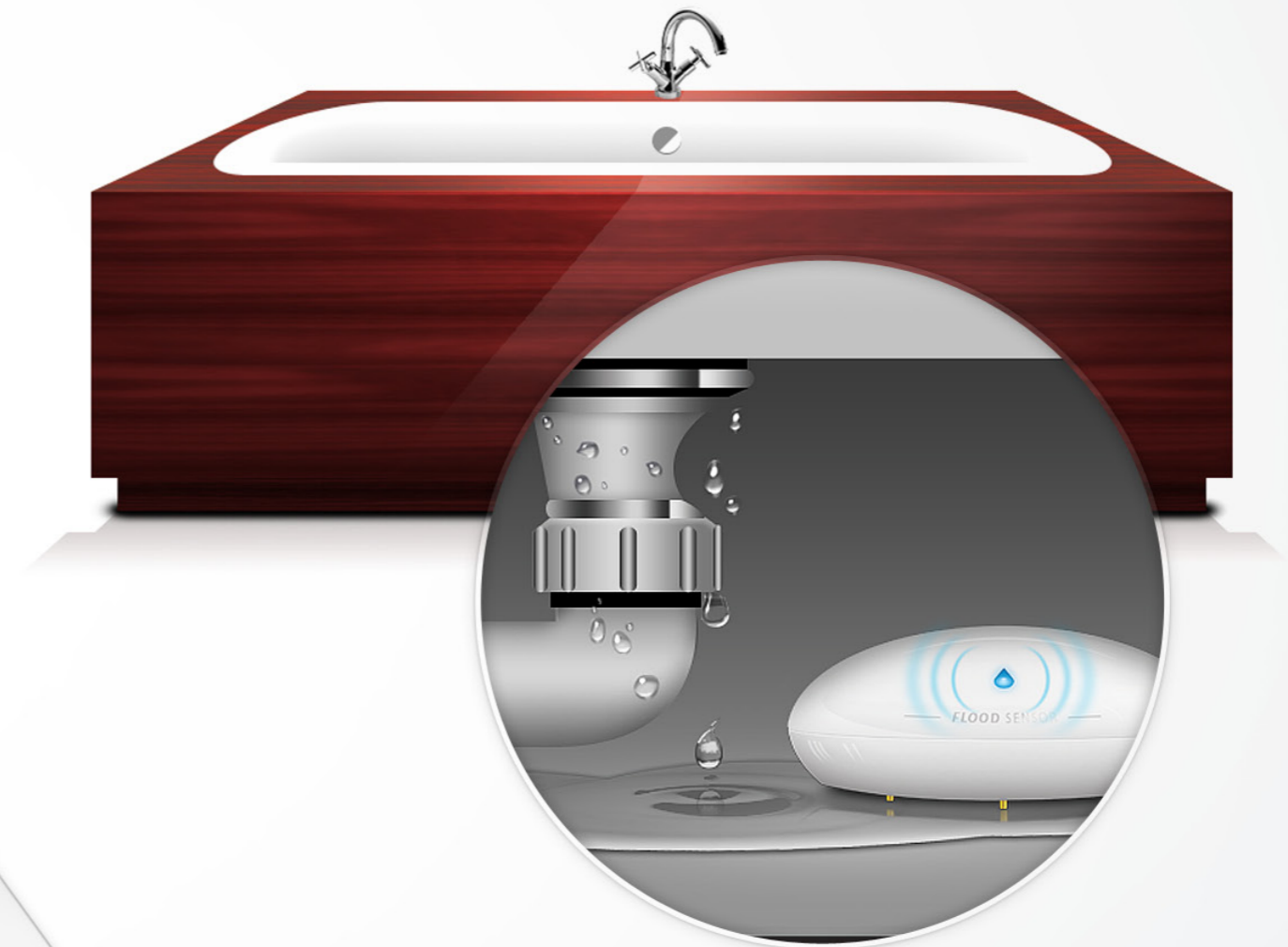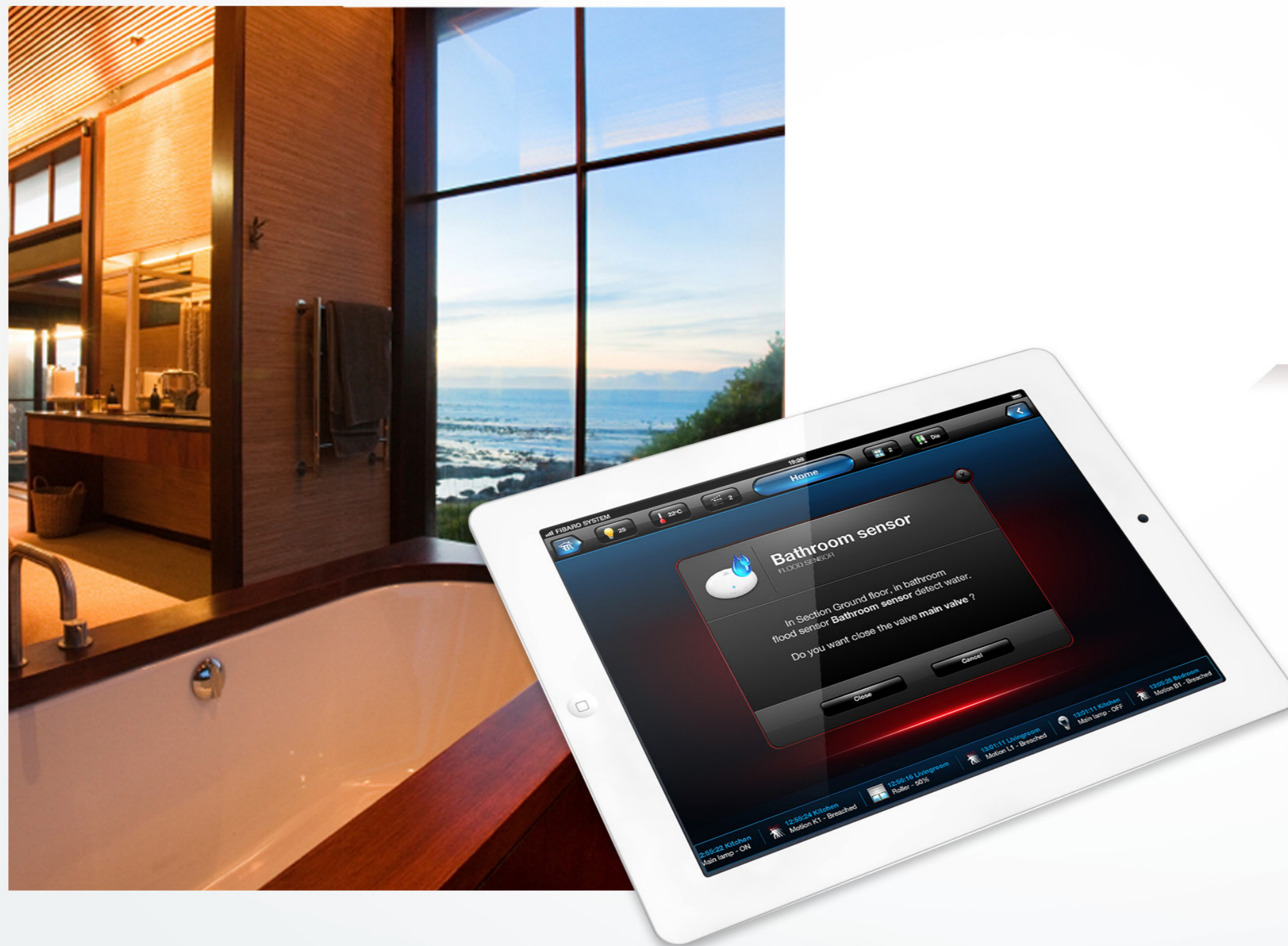Home intelligence

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Safety first

Even before our washing machine and bathtub give us a small flood, various plumbing gives us some warnings, so we should keep a closer eye on them. Small leaks by the bathtub drain or a tiny puddle next to the washing machine drain, definitely should peak our interest. However what to do when the tub is already built in, and leaks are too small to be seen? It's better to be safe than sorry, and set up a Fibaro System. Flood Sensor is a perfect solution in any location that we might suspect a leak can occur, even if access to the location is very difficult. Such a place might be in a built-in bathtub by the drain, built-in washing machine or dishwasher. Install the Fibaro Flood Sensor in hard to reach areas and have peace of mind. If even the smallest leak will appear, you will get advanced warning on your smartphone and you'll be able to call an expert.

* In case of an alarm, immediate information about the flood goes to your phone and tablet.

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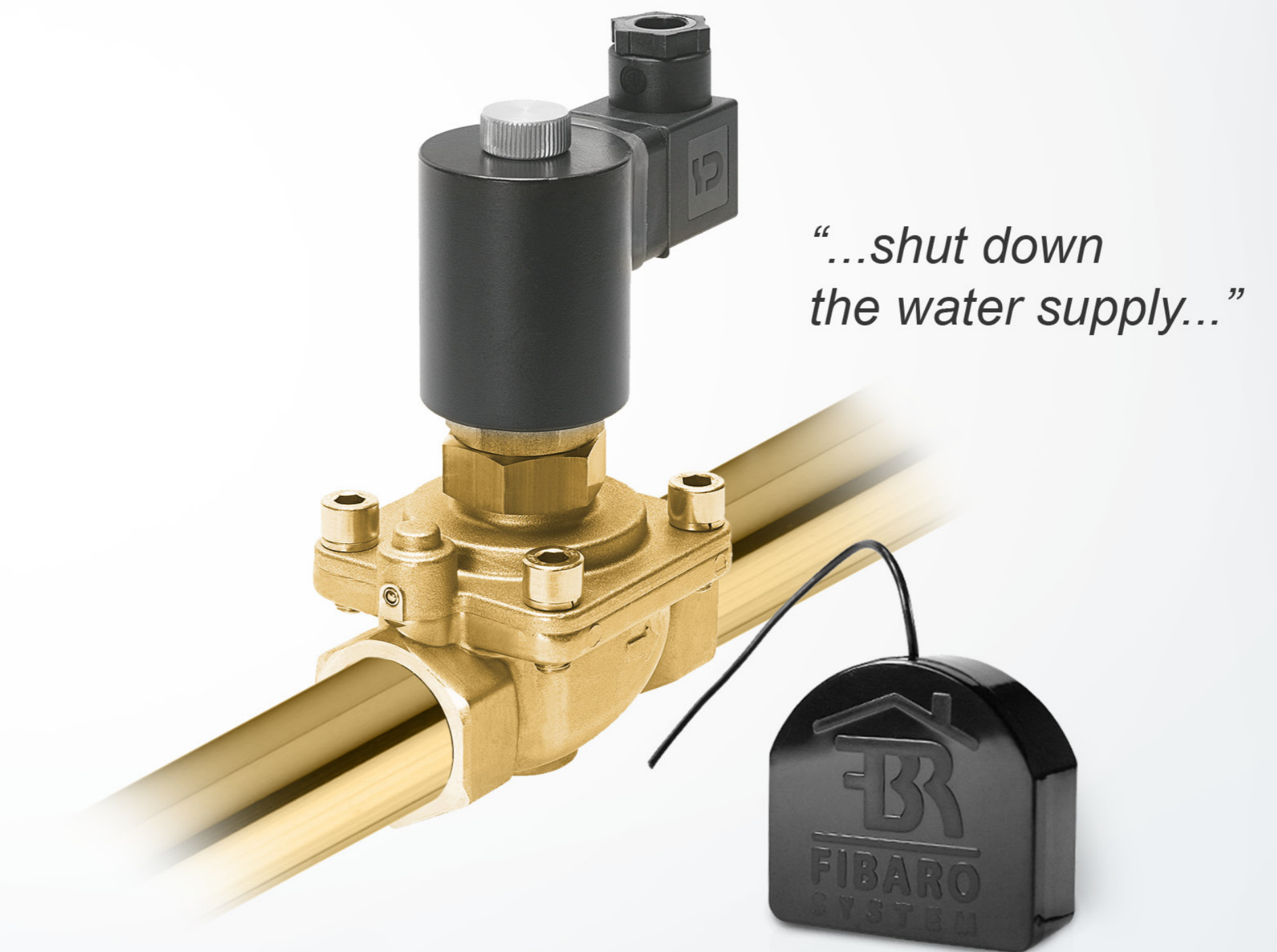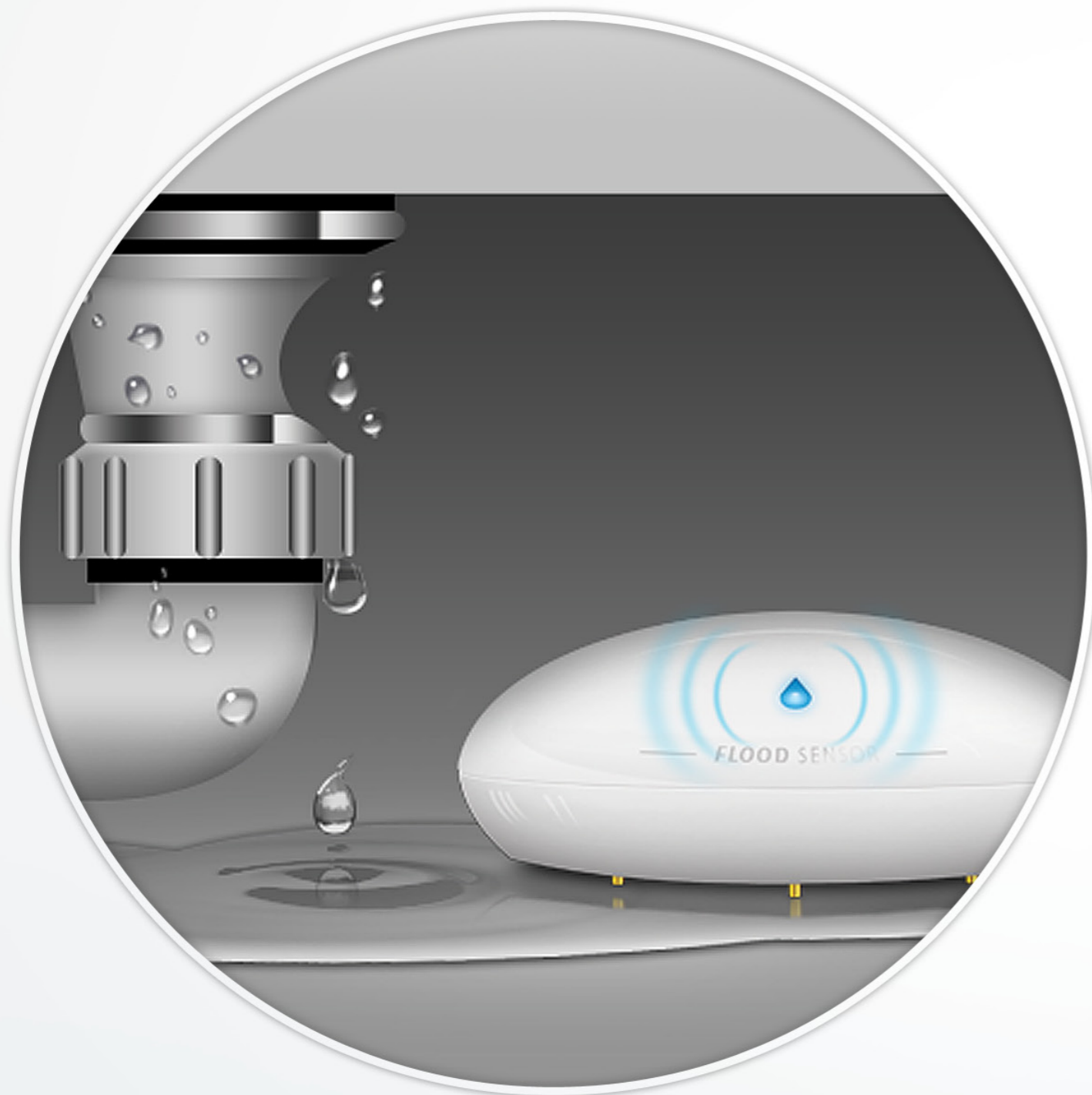Home intelligence

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Difficult to submerge

The sensor is designed to work in the toughest conditions. It works properly at low or high temperatures, from -10°C* to 95°C*. It can handle any type of flood, whether it be fast or slow. The enclosure is waterproof, allowing for direct contact with the liquid and prevents submersion which would cause it to stop communicating. Only this type of sensor can guarantee your safety.

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*By using the proper battery.

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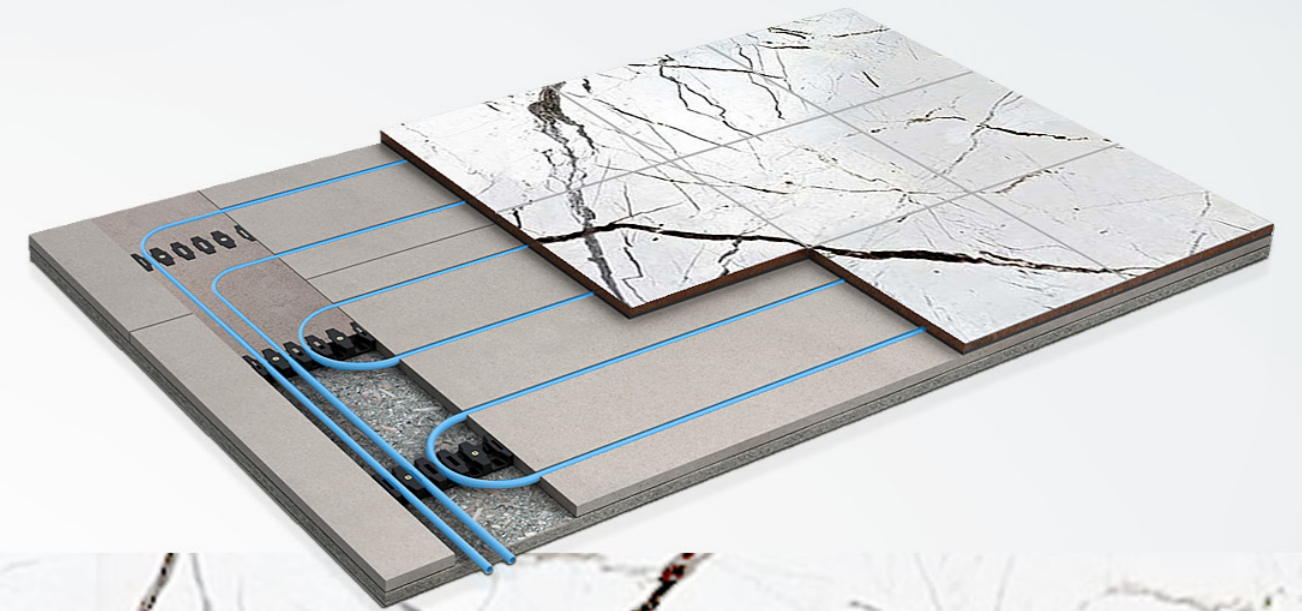
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Rapid response

Flooding threat detected by the Fibaro Flood Sensor may result in the Fibaro System automatically responding by closing the water supply to prevent damage. By installing a solenoid valve by your water main with a Fibaro Relay Switch, the system will respond automatically and shut the water supply off. The Fibaro Flood Sensor coupled with a solenoid valve and a Relay Switch module, means a safe home, which gives you peace of mind.

"...shut down the water supply..."

In-floor heating

Floor heating is an amazing comfort for people and unfortunately a nightmare for the individual to control correctly. It is very difficult to determine the optimal temperature and turn off the heating at the right time to avoid uncomfortable temperatures. Thanks to the integrated temperature sensor, the Fibaro Flood Sensor will help you manage your floor heating. The Fibaro Home Center 2 will ensure that the temperature is ideal for your family's comfort, all while being as energy efficient as possible.

Did you know that…

Fibaro has a Universal Sensor that can be combined with an appropriately secured DS18B20 temperature sensor which can then be mounted under the floor surface and even covered with concrete.

28°C
Floor temperature

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It will prevent icing

Because the Fibaro Flood Sensor has no problem handling the harshest conditions, you can easily use it in front of your house to control the temperature of your driveway. If your driveway is sloped, even the smallest amount of ice can cause your car to skid when you are leaving your garage. Icing can cause a lot of unnecessary accidents. The Fibaro Flood Sensor was perfectly designed to work with warming mats to prevent even the smallest formation of ice around your house.

-1°C
Temperature

28°C
floor temperature

FLOOD SENSOR

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SENSOR
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.. And helps you detect a fire.

It's not afraid of extreme temperatures. Any sudden temperature change will trigger an alarm in the control panel* and the household will be alerted about it immediately on their mobile device. Thankfully the Fibaro Flood sensor can help detect a fire in its early stages, especially if there are any unknown problems with your current fire detectors. The Fibaro Flood Sensor is the perfect additional level of support for your fire alarm system.

80°C
Temperature

FLOOD SENSOR

*For this you need a Home Center 2 gateway.

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A Perfect Combination

Advanced device associations and extended scenes will allow Your Home Center 2 Control Panel to independently take appropriate steps immediately after detecting a risk of flooding or fire. Even after the smallest liquid detection near the washing machine, the Flood Sensor will send a signal to a Relay Switch which will cut off the solenoid water valve, and disconnect the washing machine which is connected to a Fibaro Wall Plug. In case of fire detection, a Relay Switch disconnects the solenoid gas valve, the control panel ensures lights that mark your escape route are illuminated, and the ventilation system runs at maximum level to get rid of the smoke. These are just some of the possibilities when you associate modules and devices in the Fibaro System.

...reaction adjusted
to your preferences...

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Wireless Update

Fibaro Flood Sensor has been designed to get firmware updates automatically without any need for action taken from the individual user. Automatic software updates gives you convenience and piece of mind with the Fibaro System.

75% | **Update in progress**

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Built in range tester

For your safety and security, and to make sure the flood sensor is working properly, it has been equipped with a built-in Z-Wave network range tester. Communication in wireless Z-Wave mesh network lets you stay connected with the control panel over a long distance and through indirect connectivity, using other Z-wave modules. Built-in LED will allow you to easily check if the sensor has a good range and can communicate with the Fibaro System or requires a different location.

Direct

Routing

Out of range

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Your home Your imagination