

WE KEEP SMART THINGS SIMPLE.



"I simply love this feeling of safety. In addition, controlling my SafeTech Connect Leakage Detection and Protection System is so easy via the SYR App."

Safe. Safer.  
**SafeTech.**



Smart-Intelligence-Leakage Protection with the SYR CONNECT system



Ticking time bomb

# Water pipe damage every 30 seconds!

According to the German Insurance Association (GDV), on average twice every minute, the very thing happens that everybody thinks would never happen to them personally: a pipe bursts, a seal comes loose – and there it is, water pipe damage. Mostly with severe consequences. But even minor things, like running flushing cisterns, can be rather expensive.

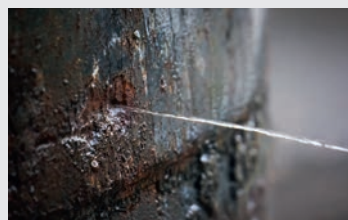


It can happen so quickly: Even minor negligent behaviour can have hefty consequences – mishaps do happen!

**All of this can happen:** from pipe bursts to microleakage to misfortunes and mishaps.



Pitting is one of the most common causes of dangerous pipe bursts.



Small holes with major consequences – e.g. in older water heaters.



A torn-off pipe or a defective seal and the room is flooded!



A pipe bursts in your home: a true nightmare – personal memorabilia are gone forever. Old pictures, books, the children's favourite teddy bear: a loss that even the best insurance companies do not cover.

**Ranging between a mere nuisance and almost unbearable loss:** water damage in your home is annoying, costs time and money – and fond souvenirs.



Insidious danger: unhealthy mould can spread very quickly.



Subsequent to water damage, homes are often uninhabitable for a long time.



Frequently, dehumidifiers have to run for weeks to prevent mould formation.



SafeTech and SafeFloor – High-tech connected

# Effective internet-enabled leakage protection competence

SYR's leakage protection is like electrical fuses – absolutely reliable. There is no compromise when it comes to safety: the mechanical parts are top quality and the motor-driven stop valve reliably works even in the event of a power failure. The SafeTech Connect adjusts its safety levels to your water consumption and is controllable via the SYR App. The perfect match: the rapid alert system of the SafeFloor Connect. Smart water technology that reliably prevents costly damage due to water, humidity and frost.

SafeFloor Connect radio-controlled floor sensor  
Smart sensor with rapid alert function

The SafeFloor will be used in critical places or wherever intensive monitoring is required. As soon as the smart sensor registers water on the floor, room temperatures that are too low or excessive air humidity, a LED signal will flash and a loud warning sound will go off. In case of a water leak, the SafeFloor will send a message to the SafeTech, which will immediately shut-off the line.



## YOUR SYR PLUS

Optimum safety due to intelligent self-learning system

*Every individual is unique, so reference values cannot be applied universally. The SafeTech Connect that is fitted in the pipe "gets to know" the water consumption of the respective household and adjusts safety levels accordingly.*



*The SafeTech Connect Leakage Protector automatically determines the water hardness so that you can react in case of excessive lime levels – for instance by installing the Water Softener LEX Plus 10 Connect. Since softened water means greater quality of life and comfort – and protects your installation against lime deposits. For more information, go to [www.weichwasser.info](http://www.weichwasser.info)*

#### YOUR SYR PLUS

Continuous  
monitoring of  
lime levels



### SafeTech Connect Internet-enabled leakage protection with intelligent water management

The SafeTech Connect continuously measures the flow rate and pressure and determines the water hardness. When using the intelligent, self-learning phase of the device, the SafeTech will adjust the settings to the measured results – for optimum protection and comfort.

If the leakage protector determines that consumption is unusually high, it will shut-off the pipe. In addition, the SafeTech Connect will do a microleakage test at regular intervals and will thus detect even the smallest of leaks. If the device is connected to the internet, an e-mail or text message will be given in case of failure.

The SafeTech Connect Leakage Protector can also operate as a “swarm”. In this event, one device functions as a control center, registers the data retrieved from the connected devices, analyses them and acts correspondingly. That

way, different areas of a building, entire apartment buildings and large-scale objects can be secured and controlled. This system can be combined with the SafeFloor Connect radio-controlled floor sensors.

### Intelligent control via smartphone, tablet computer and SYR App

The SafeTech Leakage Protector is controlled via the SYR App. Simply connect your mobile device with the installed SafeTech: start the SYR App, and with the App's QR-Code Scanner, scan the device-specific QR-Code. The SafeTech's access point will then create a local Wi-Fi network. Whenever you are within the reach of the network, your smartphone/tablet computer will automatically connect to the SafeTech Connect. You can now introduce the device in your home Wi-Fi network with the SSID you received from the SafeTech. Thus, you can now set and control your leakage detection system via the SYR App according to your personal safety needs.



*\*In case of an active internet connection, the SafeFloor and the SafeTech Connect will inform you of suspected water damage or the measurement of critical values via the SYR App.*

**YOUR SYR PLUS**  
Current information and alerts via the SYR App

Smart-Intelligence-Leakage Protection by SYR

# Our team for water safety - SafeFloor and SafeTech

The SafeFloor radio-controlled floor sensors and the SafeTech Connect Leakage Protector form part of the SYR CONNECT system and represent dependable technology, innovative communication and reliability: SYR has been in the business of leakage detection solutions since 1998.



## SafeFloor Connect radio-controlled floor sensor

**Detects water leaks** > The SafeFloor Connect is located at places of potential water leaks and wherever critical values can occur. When it detects wetness, it notifies water damage: an LED on the device flashes, a warning sound goes off and you will receive a message on your mobile device \*. If in addition, the SafeTech Connect has been mounted and connected, the water supply will be cut off immediately.



**Detects risk of frost** > The SafeFloor monitors the room temperature. If it reaches a critical value that could cause pipes to freeze and burst, you will be informed thereof via App\*.



**Detects critical humidity levels** > Excessive humidity levels can lead to mould formation; by contrast, if the air is too dry, it may irritate the airways: if the regular monitoring shows critical levels over an extended period of time, the SafeFloor will send you a message\*.



## SafeTech Connect Leakage Protector

A qualified installer will mount the smart leakage detector directly in the pipe, at the entry point of the domestic water supply. The system then continuously monitors the drinking water, and checks and controls the connected SafeFloor sensors.



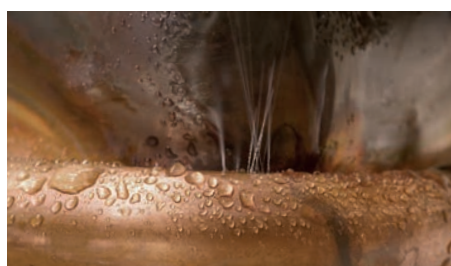
**Individual safety** > During the self-learning phase, the SafeTech Connect registers your consumption patterns and adjusts its settings accordingly, so that you can enjoy optimum safety without any loss in terms of comfort. The SafeTech will check water volumes per draw-off operation several times per day and will figure out one level for your presence and one for your absence. You may also set a time span during which water may run. All the settings can be retrieved and modified via the SYR App.



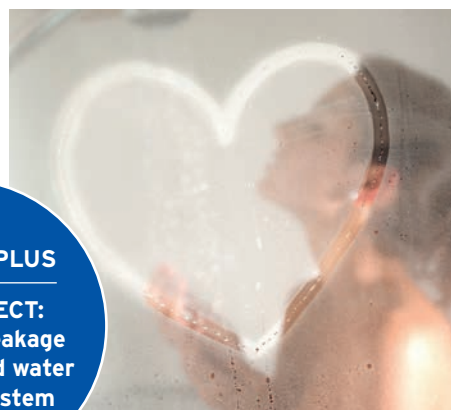
**Detects pipe damage, interrupts supply of water** > In case a pipe bursts, large amounts of water escape at once. The SafeTech Connect detects unusually high water flows within short time spans and isolates the pipe system. The time till shut-off depends upon your respective setting. Therefore, we suggest that you also mount a SafeFloor at critical locations. Irrespective of the chosen setting, it detects local leaks and notifies the SafeTech – which shuts-off the water supply!



**Detects microleakage** > Even the smallest amounts of water that leak over months without notice can cause costly damage to walls, floors and ceilings. The SafeTech detects such microleakage thanks to a special technology, even if it falls below the preset threshold. If derogations are too high, the system notifies the presence of potential microleakage.



**Determines water hardness** > The SafeTech automatically determines water hardness. Excessive lime levels in the water cause trouble: limescale occurs in household appliances, persistent and annoying stains on glass surfaces or on tiles appear, pipes clog up. React in good time and enjoy the comfort and benefit of noticeably soft water – your installer will gladly help you choose your water softening system.



**Benefit from the SYR CONNECT System:** if your LEX Plus 10 Connect Water Softener requires water for regeneration, a notification is sent to the SafeTech, which will in turn release the corresponding amount.

**YOUR SYR PLUS**  
**SYR CONNECT:**  
interacting leakage  
protection and water  
softening system

Pure water pleasure

# Everything under control. Anywhere. Totally safe.

Of course, our intelligent leakage protection would not really be smart if it could not be controlled from anywhere. You want to go on holiday? No problem – thanks to the SYR App, everything in your home can be monitored at a glance, anytime, and the water in your home is under control. Cutting off the domestic water supply altogether is a thing of the past: today, via the Internet, you can set the exact amount of water your friendly neighbour needs to water the plants.

*The modern way of drinking water safety – once the system is connected to the internet, it is easy and comfortable to monitor and control it via the SYR App.*

#### **YOUR SYR PLUS**

**Status queries,  
statistics, comfort  
and safety**





## YOUR SYR PLUS

Carefree  
holidays thanks to  
smart controls.



**Intuitive and with a clear structure:** thanks to the smart SYR App the water in your home is under control at all times.

Our SYR CONNECT system provides smart intelligence for your domestic installation. CONNECT represents the combination of valves, control electronics and the internet. All our SYR Connect valves and models are internet-enabled and send their status to a central server. Preset parameters are compared with the actual parameters, and the system acts accordingly. Statistics are kept on all aspects and can be retrieved via the SYR App online.

The SYR App monitors and controls the SYR CONNECT modules that communicate with each other.

You may create your own projects, retrieve status information, have a display of statistical data and edit parameters. If you wish, your installer will gladly help you.





Smart potable water installation by SYR

# A competent system for smart comfort

SYR CONNECT sees to perfectly smart safety for domestic installations. The valves are monitored and controlled with the SYR App on your smartphone, tablet computer or PC via the browser, covering the areas of leakage detection, water conditioning, hygiene control and heating system monitoring. Thanks to the internet-based swarm intelligence (ISI), they can even be connected and centrally controlled.

**YOUR SYR PLUS**

Received the Smart  
Home Award:  
SYR CONNECT







**YOUR SYR PLUS**  
 Swarm intelligence  
 to secure large-scale  
 objects

*The SafeTech Connect Leakage Protector can also operate as a "swarm"- with several devices connected in a network. Thus, different areas of a building, apartment buildings or large-scale objects can be secured.*

**YOUR SYR PLUS**  
 All SYR CONNECT  
 devices interact

**Leakage protection as a stand-alone solution or within a network system.**  
 Reliable protection against costly water damage, frost damage and the consequences of excessively high or low humidity levels. Determines water hardness.

**Hygiene control for large-scale objects**  
 The flushing station detects stagnating water and temperatures that promote bacteria growth, and triggers a hygiene flushing where all the pipes will be flushed with fresh water.



**Water softening for noticeably soft water without limescale deposits**  
 As a compact system, with flange connection for the DRUFI drinking water filter or as a powerful twin tank installation.

**Heating system monitoring, filling and leakage detection**  
 Fulfils the manufacturer's instructions for filling water for heating systems and VDI 2035. Connecting the SYR cartridge for heating water conditioning possible.



WE KEEP SMART THINGS SIMPLE.



# Safety at a glance

## SafeFloor Connect radio-controlled floor sensor

- With the SYR App, the SafeFloor can be monitored via the internet or Wi-Fi for free.
- You will be notified via text message or e-mail in online mode.
- Measures humidity, room temperatures and water leaks.

Serial no. SafeFloor Connect  
2422.00.000

## SafeTech Connect Leakage Protector

- The SYR App is free of charge and sees to the complete function control with many features via the internet or Wi-Fi.
- Notification by text message or e-mail in online mode
- Monitoring during holidays and special absence function
- May monitor several SafeFloor sensors
- Serves as a 'swarm' to secure different pipe sections, apartment buildings and large-scale objects.
- Motor-controlled isolating ball valve without causing water hammers
- Emergency unlocking function
- In case of power failure, battery-driven emergency operations
- Determines water hardness
- Fitted right in the pipe – robust and brass valve casing

Serial no. SafeTech Connect  
2422.20.000 / DN 20  
2422.25.000 / DN 25  
2422.32.000 / DN 32

**YOUR SYR PLUS**  
We have built leakage detection solutions since 1998.



Smart. Smarter. SYR: SafeTech and SafeFloor form part of the SYR CONNECT System.

Feel free to contact us.

No contact mentioned in the field and you are looking for a certified SYR leakage detection and protection specialist? Go to

[www.leckageschutz.info](http://www.leckageschutz.info) > kontakt  
Simply fill in the form and we will name a qualified SYR installer.