

MYWATER

JUDO Water Softeners perfect for every situation.



Uniquely gentle skin care when bathing? Filling the heating system with fully softened water? Switching the softener off when watering flowers?

For every situation, I can choose

YWATER

With JUDO, you can take the term "MyWater" literally. Because with the i-soft and i-soft SAFE+ softeners, you can set your water hardness just as you wish it to be - either on the device or conveniently via app or voice command. Our systems adapt fully automatically and set the specified hardness on their own. For this purpose, you have a specially developed intelligent water management system.

Technical lead with certainly the shortest MyWater via app or voice control unique selling point: "i"

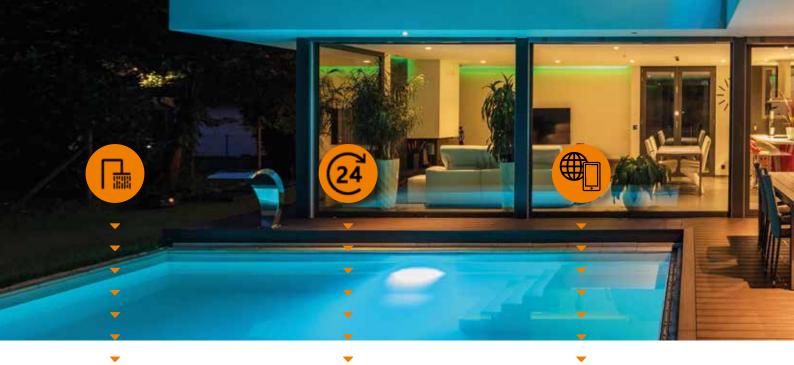
Unique in the world: MyWater is exclusively available from JUDO. And the technology behind it is just as exclusive: the intelligent water management of the JUDO i-soft softeners. This makes MyWater come true: Specify your perfect water using different scenes and the system adapts fully automatically. Whenever you want, at any time of the day or night. Fluctuations in the quality of the incoming water are fully automatically compensated by the softeners. This is how the intelligent water management works: the i-guard sensor monitors the water quality supplied by the waterworks and forwards the measured data to the i-matic control unit, which automatically adjusts system settings and ensures the desired water quality. All this happens fully automatically, without any inaccuracies due to manual measurements or blanket presettings and assumptions.

The advantage: i-soft softeners automatically compensate for hardness fluctuations in the city water and ensures MyWater constant quality. At the same time, only exactly as much regeneration agent and rinsing water is used as the incoming, measured water actually requires.

The i-soft and i-soft SAFE+ softeners can be controlled not only with the JU-Control app, but the units are also Alexa compatible. With it you can, for example, simply set MyWater scene with your voice, open and close the leakage protection or query important data by voice command.

A simple "Alexa, tell JUDO to choose MyWater washing scene" or "Alexa, ask JUDO about the salt level" is sufficient to set the desired water hardness on the device or to receive the requested information about the salt level from Alexa.





MyWater comes true. With i-soft and i-soft SAFE+ softening systems, the touch of a finger is enough. MyWater round the clock. i-soft and i-soft SAFE+ compensate for incoming water quality fluctuations fully automatically. MyWater is smart: You have the choice between control via JU-Control app or Alexa.

Unique systems – in three aspects:

Water quality

They achieve the specified water quality in a fast and absolutely precise way.

Hardness level

They compensate for fluctuating hardness in the incoming water fully automatically (see info box).

Commissioning

They make commissioning easy: The laborious manual measurement of water hardness is no longer necessary.

Advantages at a glance:

- ✓ Elegant design with clear operation
- Protects installations and appliances from limescale
- ✓ Unique with intelligent water management
- MyWater 24 h: i-guard sensor measures incoming water quality,
 i-matic blending unit automatically adjusts for hardness fluctuations
- Parallel softening columns for uninterrupted operation
- MyWater scenes
- ✓ Particularly economical: minimized consumption of regenerant and water
- ✓ Soft touch operation via capacitive keyboard*
- ✓ Worldwide remote control: via smartphone and tablet with the JU-Control app** or via web interface
- ✓ Voice control: via Alexa
- ✓ Maximum safety: integrated leakage protection with micro-leakage detection*
- Leakage warning (i-soft)
- Patented safety module: Activation of the i-soft protection programme when the power supply is interrupted *
- Easy commissioning: intuitive and simple
- ✓ Best quality
- * i-soft SAFE+
- ** iOS and Android version available free of charge



THE RIGHT WATER FOR EVERY REQUIREMENT

The i-soft and i-soft SAFE+ water softeners have an intelligent water management system specially developed by JUDO that makes MyWater come true.

MyWater-Scenes

Washing clothes, watering the garden or enjoying a feel-good shower; There is no such thing as water hardness for all applications. That is why we offer MyWater scenes, such as "watering the garden" or "washing", that can be selected to suit the situation.

MyWater...



... for beauty soft water makes your hair shine with less personal care products



... for the senses improves complexion in a lasting and natural way



... for well-being makes your laundry fluffy and cares for textiles without fabric softener



... for shiny surfaces and fewer limescale stains on dishes and shower screens

Only at JUDO:

MyWater in constant quality

Drinking water comes from a single water supply company - but usually from different sources. Their proportions fluctuate, and incoming water hardness varies accordingly.

For example, drinking water in Munich, which is considered one of the best in all of Europe, varies in hardness between 14.2 and 19.8 °dH. Without the consumer noticing¹. i-soft and i-soft SAFE+ softening systems compensate for these fluctuations fully automatically.

¹Source: "Drinking Water Analysis Values", Munich Municipal Utilities

WATER SOFTENING

intelligent and fully automatic. Only from JUDO.



... for more enjoyment brings out the flavours, not only with coffee or tea



... for your safety with i-soft floor sensor (optional) and built-in leakage protection sensor in i-soft SAFE+



MyWater round the clock



8.00 a.m. **SHOWER** approx. 5 °dH



10.00 a.m. **LAUNDRY** approx. 1°dH



13.00 p.m. **WATER THE GARDEN**



18.00 p.m. **HEATING FILLING** approx. 1°dH



22.00-04.00 a.m. **PARTY**

AN INVESTMENT THAT PAYS OFF

Hard water often leaves limescale residues.

Water softeners, among other things, are used to avoid these traces from the outset.

Make the most of your water

Traces of limescale can be found everywhere - from the sink to the dishes. And from the kettle to the coffee machine.

But also in heating and piping systems are limescale deposits noticeable, at the latest when the pipes are closed and the water pressure falls. With softening systems, such damage can be reduced to a minimum in advance.



Lower heating costs

Limescale-free heat exchangers and heating pipes transfer and distribute heat efficiently. Your heating system requires less energy. That saves money.

Pipe protection

Limescale-free pipes are particularly durable and reliably transport your valuable drinking water for decades.



Optimum appliance protection

The high-quality technology in your household needs soft water in order to be able to perform complex functions.

Examples: Dishwasher, espresso machine, washing machine, boiler



Investment in your health

Clean, intact pipe surfaces are the prerequisite for hygienically safe drinking water. Depending on the water quality, JUDO offers products to achieve this goal permanently.

More comfort

at home

With softened water, owners can save up to two thirds of detergent. Ideally, softener and rinse aid can even be dispensed.

Consumption of products such as shampoo, hair conditioner or soap is also reduced.

Other benefits: soft water improves the aroma - for example, when preparing coffee or tea - and even heating costs can be saved.

ENJOY

Soft water with JUDO i-soft and i-soft SAFE+ water softeners.



More time

Soft water leaves less limescale on tiles, taps and glass shower cubicles. This significantly reduces cleaning time and also reduces your consumption of cleaning agents.



Less maintenance

Fewer limescale deposits or corrosion products in the drinking water installation reduce maintenance costs and repairs frequency.



JUDO i-soft SAFE+



INNOVATIVE TECHNOLOGY

Proven process round the clock: i-soft and i-soft SAFE+ softeners are double units with softening columns operating in parallel. This operating mode is characteristic of systems in the premium segment and offers numerous advantages in terms of comfort, hygiene and economy. The most important: soft water without interruption, round the clock, even with large withdrawal quantities.

Economy

Thanks to precise, demand-oriented regeneration cycles, i-soft and i-soft SAFE+ systems consume a minimum of salt and water. Resin's capacity is fully utilised. A regeneration lasts just ten minutes; during this time, soft water is still available.

Quality

As innovative as our products are - one thing is always the same and absolutely predictable: the highest quality. In terms of the components used, in production and as a benchmark for the final inspection.

With the softeners of the JUDO PREMIUM LINE, we lay the foundation for special reliability and durability.

Double is better. What you can expect from a softener.

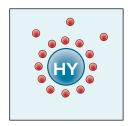
The heart of a water softening system is the softening column, a cylindrical container filled with high-performance resin. When hard water flows through it, the hardness-forming ions bind to the resin. The water becomes soft.

After a certain time, however, the resin is saturated. The system must be regenerated; the resin is rinsed with a salt solution. During regeneration a softening column cannot provide soft water. A system with only one column cannot be used during this time.

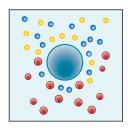
No problem for i-soft and i-soft SAFE+ softening systems: they each have two softening columns. If one of them is being regenerated, the other continues to work.

CALCIUM FOR SODIUM

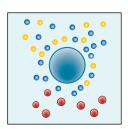
A good swap! i-soft and i-soft SAFE+ softening systems work according to the ion exchange process: the systems contain a high-performance resin on the surface of which sodium ions are located. Hardness-forming calcium and magnesium ions in the water displace sodium ions and bind to the resin. The water is softened.



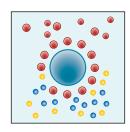
Stage 1
Hygiene rinse
Immediately before
the operating phase.



Stage 2
Softening
Calcium and magnesium ions accumulate, sodium ions are released.



Stage 3
Saturation
Resin sphere loaded
with hardness components (calcium and
magnesium).



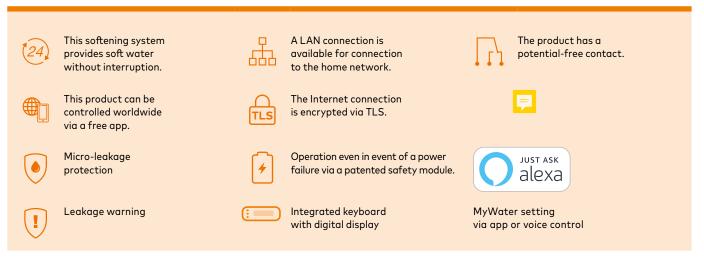
Stage 4
Regeneration
Salt is added, sodium
ions accumulate,
calcium and magnesium ions wash out.



Stage 5
Hygiene
Germ protection
through fully automatic disinfection.

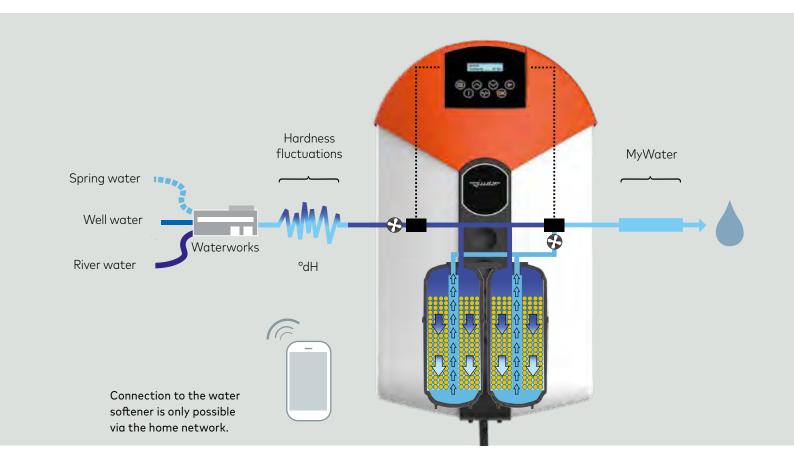


Symbols with added value



HAND IN HAND

or perfect water quality: i-guard and i-matic



i-guard Sensor, the smart quality assurance

The i-guard monitors the quality of the water supplied by the waterworks and informs the i-matic.

i-matic, the intelligent self-regulating control

Automatically translates the information from the i-guard sensor into the required system settings and thus achieves the desired water quality.

MyWater consistently

The i-guard guarantees MyWater constantly. If the water quality changes, the softener settings are adjusted fully automatically.

Unique operating concept, simple and intuitive, anytime and anywhere

i-soft and i-soft SAFE+ water softeners can be controlled remotely with a smartphone or tablet*.

Commissioning is also easy and takes place via "plug and play", saving you time and money.

^{*} iOS and Android

ADVANTAGE THROUGH INTELLIGENCE

Hygiene ex works

Clear hygienic advantages: parallel softening columns operating free of stagnation and with forced flow, in conjunction with small quantities of high-performance resins and optimized regeneration intervals, meet the high requirements of current hygiene guidelines.

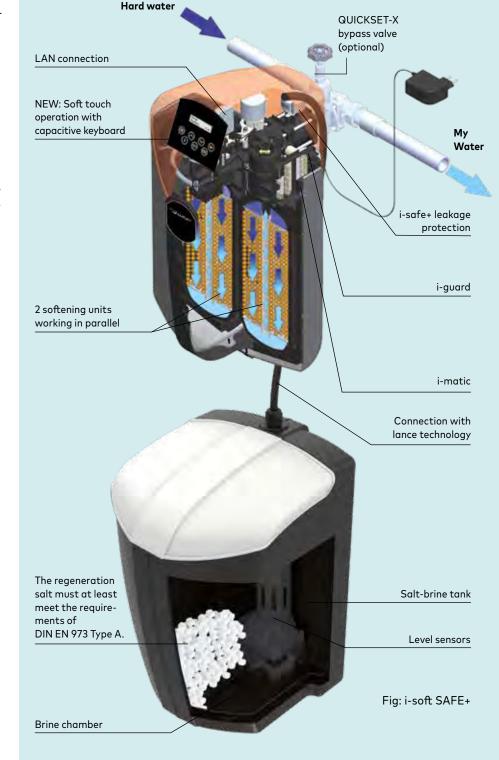
Our proven ceramic disc technology controls the individual process steps precisely and steadfastly.

Each container is regenerated independently without any interruption in operation and, after a disinfection process, immediately put back into operation.

Softening process

The tried and tested water softening process has been given a new dimension through the combination of i-guard and i-matic. The water flows through the ion exchanger where the hardness-causing calcium and magnesium ions are exchanged for "soft" sodium ions.

The water quality can be easily selected, according to the situation, on the device or via app or voice command.





Optional: JUDO floor sensor



JUDO i-soft

The JUDO i-soft now provides MyWater with the best quality in a new design.

Signal display with traffic light function

The display uses different colours to show the system's operating status. This means, that you can see from a distance whether, for example, salt needs to be refilled or whether the system is in a regeneration phase.





In operation

Water flowing





Warning message

Fault message

Intelligent water management with i-guard and i-matic

In contrast to conventional water softeners, the JUDO i-soft softening system measures incoming water quality via the i-guard sensor. Based on this technology, the i-soft offers a unique range of performance and functions.

Leakage warning

The JUDO i-soft recognizes unusual and unwanted water flows based on three parameters: withdrawal amount, duration and flow. In the event of irregularities, the system warns the owner via display or app.

Ceramic disc technology

The technology of choice for controlling internal processes: proven hundreds of thousands of times, optimal in terms of precision and resistant to wear.

JUDO Connectivity Module with LAN connection

Thanks to the integrated connectivity module, the JUDO i-soft can be controlled remotely using the JU-Control app. What's more, you have access to extensive information on your smartphone, such as MyWater setting, salt level, due main-

tenance, consumption and many more. Furthermore, the softener is Alexa-compatible and can be operated by voice command.



















JUDO i-soft SAFE+

Attractive design and optimum safety thanks to the new integrated leakage protection system i-safe+.



The JUDO i-soft SAFE+ features the integrated leakage protection system i-safe+. The system detects if water is flowing uncontrollably and, just in case, shuts the pipe off. It also detects creeping water losses, for instance, due to a running cistern, and thus saves money.

The optional JUDO floor sensors provide additional security by detecting moisture on the floor and then triggering the closing of the water stop.

The i-safe+ has a completely new feature: micro-leak detection, which is carried out using a new type of flow measurement.

The i-soft SAFE+ now has a high cover that integrates a soft-touch display.

Protection in case of power failure

It contains an emergency power supply which, in the event of a power failure, maintains all important system functions for several hours. Leakage protection and connected floor sensors also remain fully functional. Even if a lifting station is installed in the house, the safety module in combination with a JUDO leakage sensor provides perfect protection against water damage.

If the lifting system no longer functions due to a power failure and the water threatens to flood the cellar, the floor sensor reports the moisture and the pipe is closed.

If the power failure occurs during a regeneration, the system immediately initiates a short flushing sequence and then goes into operating mode.















Operation Residual hardn 8° dH





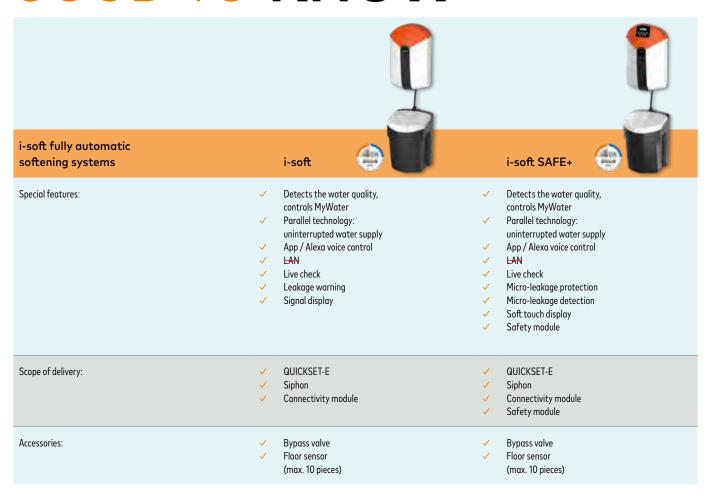








GOOD TO KNOW





The ZVSHK quality mark provides guidance and safety for the plumbing and HVAC trade. With the "Certified Manufacturer – Quality, Safety, Service" mark, ZVSHK uses a transparent procedure to certify manufacturers that provide the best possible support for the operational processes of the plumbing and HVAC specialist; through high product quality, extensive service offers and research and development investment.



ISO 9001 quality management standard is, nationally and internationally, the most widespread and most important standard in quality management. With ISO 9001 certification, our quality management system meets the high requirements and is continuously developed further on the basis of these requirements.

TECHNICAL DATA

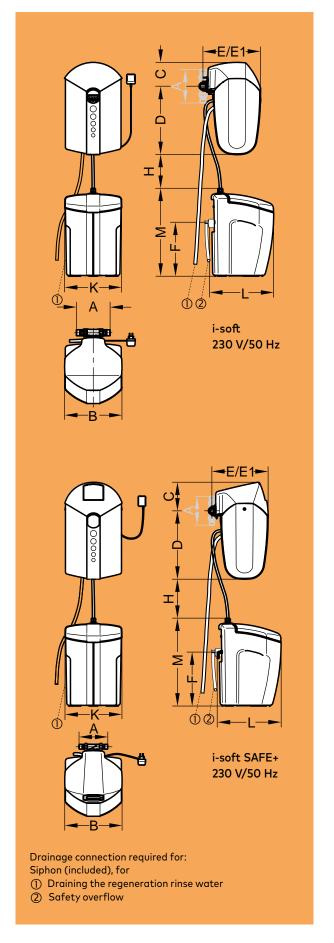
JUDO i-soft and i-soft SAFE+ Fully automatic water softener	rs	
Model	i-soft	i-soft SAFE+
Pipe connection inch	1"	1"
Nominal flow according to DIN EN 14743 and 1 bar pressure loss m³/h	1,9	1,9
Nominal flow with hardness reduction from 20 °dH to 8 °dH m³/h	3,2	3,2
Peak flow m³/h	3,5	3,5
Salt storage tank capacity kg	50	50
Salt consumption per m³ u and softening from 20 °dH to 8 °dH in kg	0,36	0,36
Installation A dimensions mm B C D E E1** F G Ø H K L M	195 390 165 465 385 450 370 50 240 390 435 560	195 390 195 465 385 450 370 50 240 390 435 560
Order number	8203520	8203521

For higher flow rates, we recommend the JUDO i-soft in the TGA version. The intelligent water softening systems for buildings are modular in design and available in different sizes. They even supply with soft water buildings with up to 200 residential units

- * Branch plugs for parallel connection of several leakage sensors, as well as extension cables are available on request.
- ** E1 = installation depth to pipe centre with JQX (JQX = optional bypass valve)

Consumables	Order number
JUDO regeneration salt according to DIN EN 973 type A in tablet form, 25 kg.	8839101

Accessories	Order number
JUDO QUICKSET-X bypass valve (JQX) with bayonet connection for installation between JUDO QUICKSET-E and JUDO i-soft / i-soft SAFE+	8735210
JUDO floor sensor, incl. 2 metres connection cable (i-soft / i-soft SAFE+) *	8203554
Each additional floor sensor (max. 9 pieces): JUDO floor sensor incl. 2 metres connection cable and branch plug	8203556
JUDO floor sensor extension cable, 2 metres	8203551
JUDO floor sensor extension cable, 5 metres	8203552
JUDO floor sensor extension cable, 10 metres	8203553
JUDO external fault signal cable, 10 metres	2200717



WATER IN PERFECTION - SINCE 1936.





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