

JUDO PERFORMANCE LINE



SUPERIOR QUALITY

makes the difference.

The JUDO PERFORMANCE LINE.



Water forms the most important part of our food chain. It is not only essential for life, but also plays an important role in our comfort and wellbeing. As such, we all have high demands on the quality of water we use. At JUDO we provide the products and solutions ensuring these demands are met.

QUALITY – IN PRODUCTS AND ADVICE

The JUDO PERFORMANCE LINE encompasses a range of filtration, softening and dosing systems. Which systems are right for you? Your plumber will be happy to assist you in making the right choices. He can arrange for a full water analysis at a professional laboratory and, based on this, assist you in finding a solution maximising on your safety, comfort and hygiene.

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WITH JUDO, YOUR WATER

becomes a feel-good factor

Whether for the morning shower, brushing your teeth, watering the garden or for drinking and cooking. Water is an everyday element for you. But how would it be if you could now make this everyday necessity even more liveable and pleasant? If, for example, when you bathe or wash your hair, you could enjoy soft, clean water without interruption?

Or imagine sitting back and relaxing during your holiday, knowing that you can rely on leakage protection? JUDO makes all of this possible, with state-of-the-art and reliable water treatment technology. Precisely tailored to your wishes.



Legend:

- ① JUDO PIPE-CARE SYSTEM JPCS
- ② JUDO Bioquell®-FILT protective filters
- ③ JUDO QUICKSOFT range of water softeners
- ④ JUDO JULDOS dosing systems



TRIED AND TESTED.

JUDO Bioquell®-FILT protective filters

Generally speaking, the water we drink is of excellent quality. Our water companies run a whole battery of tests and controls to ensure this is the case with our most valuable foodstuff. Despite all their efforts, however, there is no total quality control of our water supply all the way through to the tap. Our water makes a long trip through kilometers of pipes from the point it leaves the water works until it arrives at our homes and it is impossible to stop particles being picked up along the way. These can damage your fittings and fixtures and lead to malfunctions in your appliances. The end result is pitting!

When it comes down to protective filters, no one even gets close to our level.

The first protective filter ever was introduced to the market by JUDO in 1962. What was then a revolutionary idea is now more or less the norm. And that is meant quite literally: because DIN 1988-200 prescribes the installation of a protective filter.

We know protective filters, and we have over 60 years of experience with them and that is more than any other brand can boast. And all this experience, in the form of our Bioquell® range is now at your disposal.

The combination of particles and corroded areas provides an ideal breeding ground for micro-organisms with all the effects that they can have on your water hygiene.

This is why a good, well maintained filter is a must in your drinking water supply installation.

Bioquell® protective filters give you everything you need and should be using in your domestic water system. Highest quality products, 'Made in Germany', the best record and a wide range of accessories.

Fast and safe

The Bioquell® range is convincing thanks to its innovative features found only in high-end products. For example, its silver coated cleaning arm and high-tech ceramic disc flush valve both ensuring a maximum security of function and reliability.

Your installation 'bodyguards' come in the form of either a protective filter unit (Bioquell®-FILT B) or as a domestic treatment station with integrated pressure regulator (Bioquell®-FILT BP). For both models, you may upgrade by adding an automatic unit as an option (Bioquell®-FILT-A). Offering you the right choice to suit all homes and every need.

JUDO BIOQUELL®-FILT BP BACKWASH PROTECTIVE FILTERS

JUDO's backwash protective filters protect water pipes, fittings and connected appliances effectively and cost-efficiently.

Advantages at a glance:

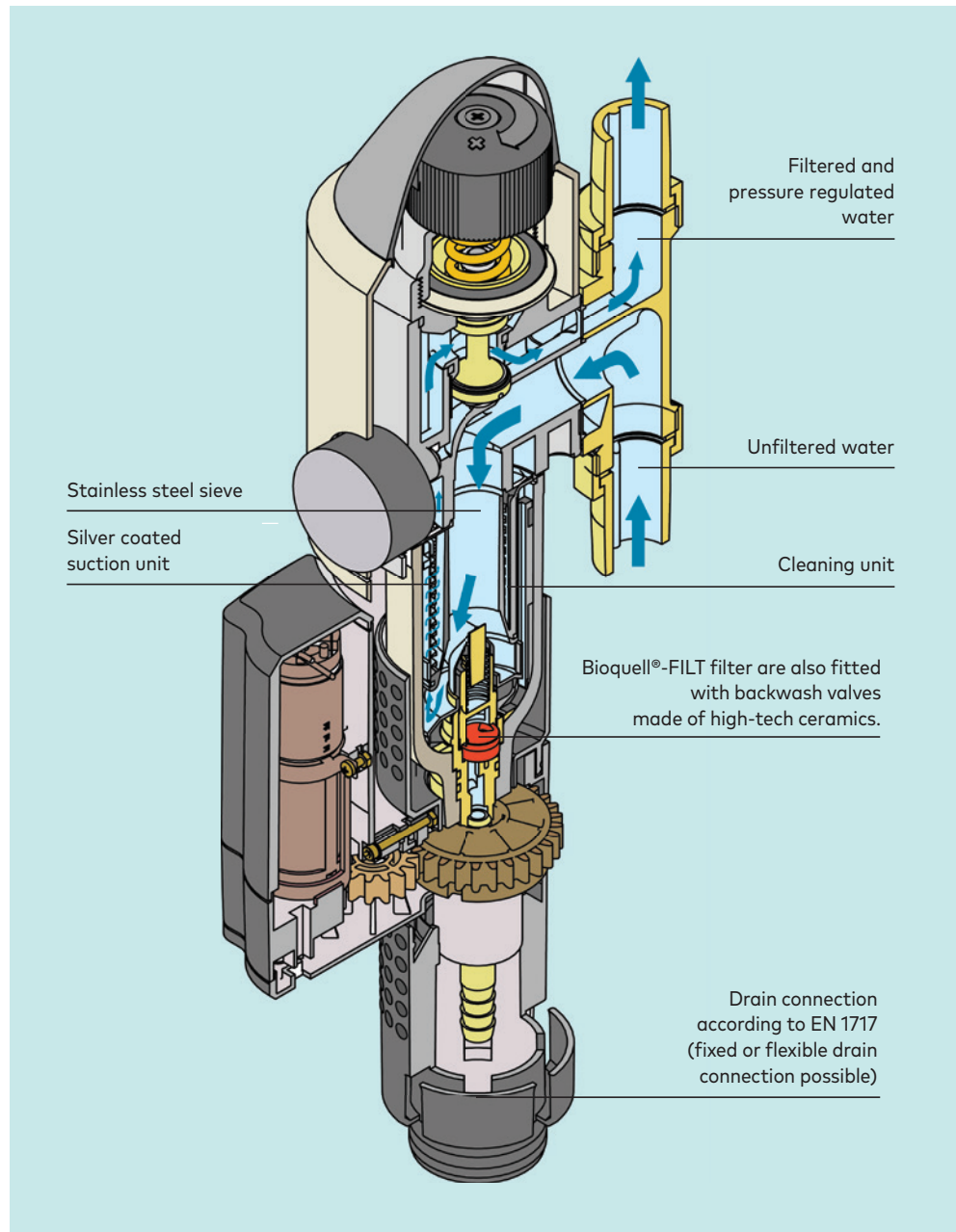
- ✓ Automatic time-triggered backwash
- ✓ Backwashing without flow interruption
- ✓ With pressure reducing valve and pressure gauge
- ✓ Stainless steel sieve
- ✓ No cartridge replacement
- ✓ Reminder slide for next backwash
- ✓ Low pressure drop
- ✓ Optimized cleaning through partial surface backwashing
- ✓ No waste generated by the disposal of consumables
- ✓ Removable UV protection ¾" - 1¼"



Type Bioquell®-FILT BP ¾" - 1¼"



Type FILT-A (Automatic upgrade kit)



In JUDO filters, the water flows through the sieve from the outside to the inside. This retains coarse and fine-grained impurities.

The filter mesh can be checked from the outside through a sight glass and is backwashed in no time without interrupting the water supply. In addition, Bioquell®-FILT filters are equipped with a patented backwash valve made of high-tech ceramics. This makes them particularly reliable and long-lasting.



PURIFY YOUR DRINKING WATER

high-quality solutions

Drinking water is the most precious commodity on earth. Around 71% of the surface of our planet is covered with water, but just 2.5 % of these water resources are fresh water, and only a small part of this is accessible. 2.2 billion people worldwide don't have permanent access to clean drinking water. Domestic water is therefore not a matter of course. JUDO offers the optimal water treatment with the state-of-the-art Bioquell® Collection: environmentally friendly, resource-saving and quality driven. A class of its own: BIO stands for sustainability from development to production. QUELL stands for the preservation of natural water from its origin, the source or "Quelle" in German, to the user.

The Bioquell® Collection unites international customer requirements for high-quality solutions with advanced, contemporary technology – specifically geared by different standards and individual customer needs. Get inspired by filtration, purification and water softening solutions – holistically thought through and developed according to German sustainability standards.

The JUDO Bioquell-CLEAR activated carbon filter is the second stage of an efficient domestic water treatment.

Unpleasant odor and taste causing chemicals, heavy metals and microorganisms are removed from the drinking water, via adsorption.

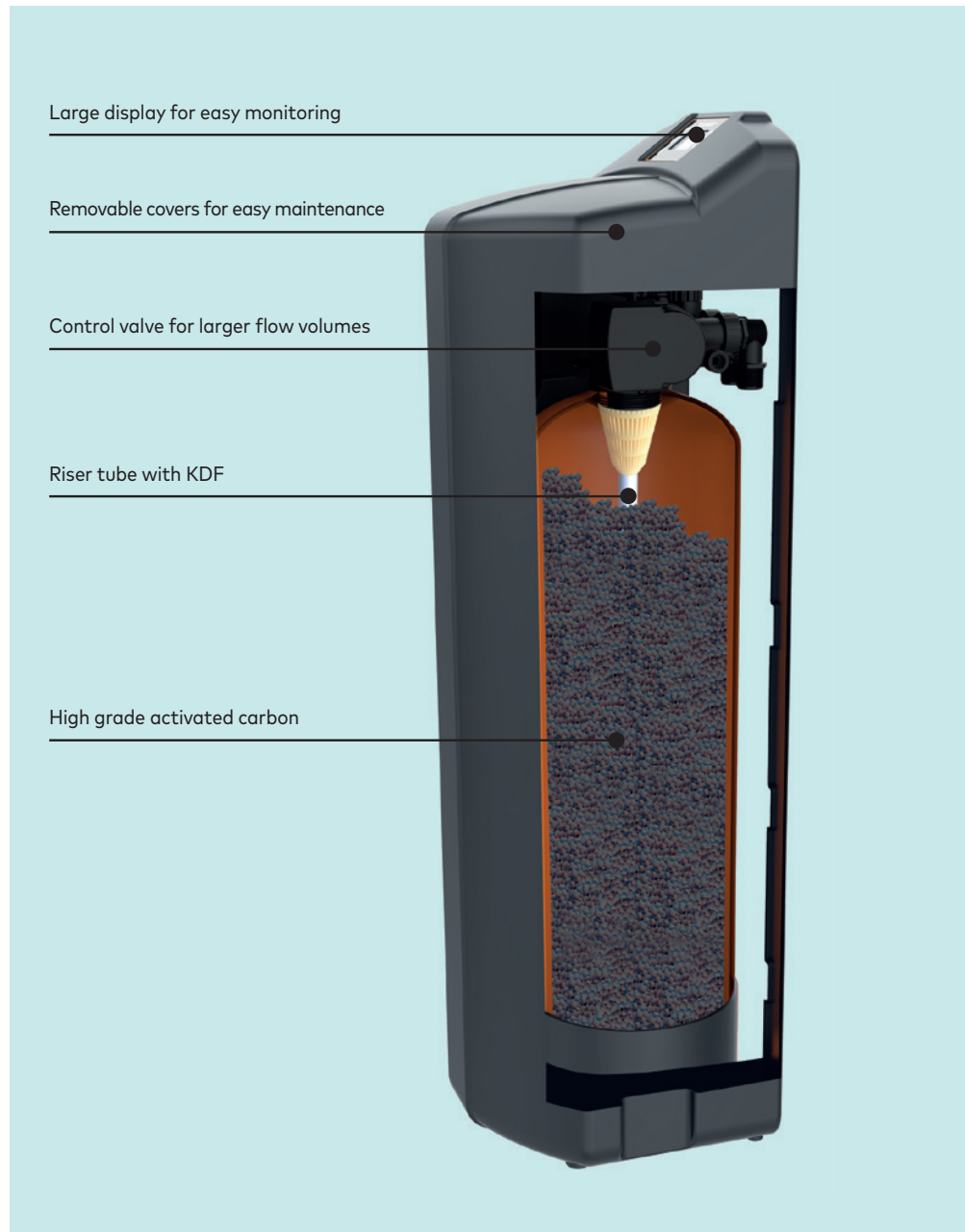
JUDO BIOQUELL®-CLEAR

THE HOME WATER PURIFIER

For the removal of residual chlorine and improvement of taste in clear, colourless, iron-and-manganese-free drinking and process water by treatment with activated carbon and KDF, in non-permanent operation.

Advantages at a glance:

- ✓ High flow rate – Point of Entry system
- ✓ High grade activated carbon
- ✓ Removes offending odours and tastes
- ✓ KDF - Effective against chlorine, sulphides, dissolved heavy metals and microorganisms
- ✓ Automatic, time controlled backwash (adjustable)



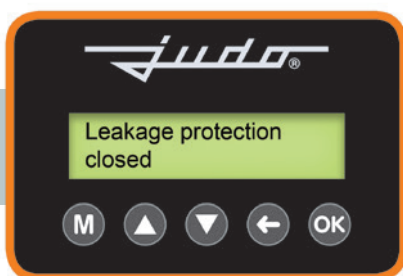
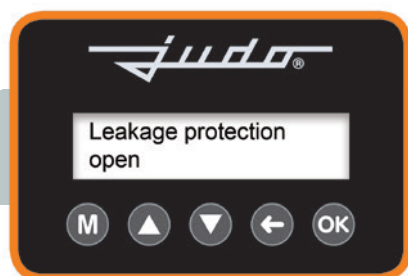


BEST PROTECTION

With the new micro-leakage JUDO PIPE-CARE SYSTEM

To ensure that water damage does not come as a surprise, it is advisable to use a leakage protection system. Because water damage is always unforeseen. The signs of wear on the pipe systems are invisible: pitting, corrosion, or frost eat away at the pipes, unnoticed. In addition, it is relatively common for unsuitable materials to be installed together or for water composition to favour corrosion.

These problems do not become visible until it is too late – and the flat is under water. The follow-up costs of water damage are almost impossible to estimate. JUDO offers many effective solutions to protect against leaks. The portfolio includes the new JUDO PIPE-CARE SYSTEM JPCS-FP, JPCS-FB, JPCS-FD and JPCS, which detect even the smallest water losses and provide immediate and effective protection.



JUDO PIPE-CARE SYSTEM

All-round comfort with JUDO: hygiene and safety in one complete solution

With the JUDO PIPE-CARE SYSTEM JPCS-FP, JPCS-FB and JPCS-FD, JUDO is launching three innovative multifunctional products. Their sophisticated technology provides proven security against water leakage and keeps particles in the drinking water away – thorough and reliable.



Type JPCS-FP

Leakage protection system including micro-leakage detection with backwash protective filter and pressure regulator

The JUDO PIPE-CARE SYSTEM JPCS-FP adds beside the protection against particles the function of a pressure regulator.



Type JPCS-FB

Leakage protection system including micro-leakage detection with backwash protective filter and lime protection unit

The JUDO PIPE-CARE SYSTEM JPCS-FB also prevents the formation of hardness in the water with the help of magnets. It thus protects water installations, fittings, boilers and appliances from limescale AND corrosion AND particles.



Type JPCS-FD

Leakage protection system including micro-leakage detection with backwash protective filter with polyphosphate dosing

The JUDO PIPE-CARE SYSTEM JPCS-FD adds the function of a polyphosphate dosing unit. It also protects against limescale AND corrosion AND particles.

The modern systems also score with the advantages of several products – combined in one device.

Micro-leakage protection system for optimal safety:

- ✓ **Protects:** detects leaks and gradual water losses, stops water flow
- ✓ **Particularly safe:** including micro-leakage detection
- ✓ **Saves** money and water, and gives security

Individually adaptable:

- ✓ **Clever:** simple setting of limit values
- ✓ **Three-stage holiday mode:** automatic activation after 72 hours without water use
- ✓ **Individual:** adapts to personal consumption habits

Backwash protective filter – innovatively combined:

- ✓ **Clean:** reliable and safe protection against dirt inflow
- ✓ **Cost-saving:** no expensive and time-consuming filter cartridge replacement
- ✓ **Practical:** no interruption of water supply during backwashing
- ✓ **Water-saving:** short backwash time, therefore low water consumption
- ✓ **Protects and regulates:** with pressure regulator (only JUDO PIPE-CARE SYSTEM JPCS-FP)

Sustainable design:

- ✓ **Durable:** high-quality EPP housing
- ✓ **Thermal insulation:** protects against water condensation
- ✓ **Low noise:** thanks to acoustic insulation
- ✓ **Recyclable**

Smart control (only valid in combination with connectivity module accessory):

- ✓ **Networked:** Internet connection via LAN
- ✓ **Connection to WLAN home network** via additionally available WLAN repeater
- ✓ **Controlable worldwide:** via JU-Control app or web browser
- ✓ **Optimal for commercial buildings:** thanks to programmable opening and closing times for adaptation to periods with different requirements
- ✓ **Informed:** Operating and warning messages as push message, e-mail or SMS



JUDO PIPE-CARE SYSTEM JPCS

Leakage protection re-imagined: Safe. High-quality. Smart.

The new JUDO PIPE-CARE SYSTEM JPCS detects even minimal water losses. It also scores with adjustable limit values.

Optimal safety:

- ✓ **Protects:** detects leaks and gradual water losses, stops water flow
- ✓ **Particularly safe:** including micro-leakage detection
- ✓ **Saves** money and water, and gives security

Individually adaptable:

- ✓ **Clever:** simple setting of limit values
- ✓ **Three-stage holiday mode:** automatic activation after 72 hours without water use
- ✓ **Individual:** adapts to personal consumption habits

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- ✓ **Informed:** Operating and warning messages as push message, e-mail or SMS



SOFT WATER AND MORE



The QUICKSOFT range of water softeners

24 hours of soft water, without interruption – this is the advantage you enjoy with the softening systems of the QUICKSOFT series. This is made possible by the two softener columns working in parallel. You have access to soft water around the clock, even with larger water consumption. Especially when it comes to hygiene, JUDO units offer clear advantages:

Operation without water stagnation, forced-flow softener columns, small quantities of high-performance resin, optimised regeneration intervals and automatic hygienisation.

There are numerous reasons to invest in a water softening system, because softened water offers several advantages.

Soft water...

...can save a lot of cleaning work by reducing limescale build-up on tiles, fittings, and glass shower enclosures.

...prevents your water pipes from clogging. It also prolongs the life of your household appliances and protects against expensive repairs.

...improves the aroma of coffee and tea by releasing fine acids and fruity notes and bringing them to full fruition.

...saves costs. Because without limescale deposits that hinder heat transfer, less energy has to be used.

...helps in the household. You need less cleaning agent. And less descaler for water heaters and coffee machines.

...contributes to hygiene, because it ensures clean inner pipe surfaces and appliances. It thus deprives microorganisms of their life support.

...makes laundry fluffy, and reduces the consumption of detergent and fabric softener.

QUICKSOFT- RANGE OF WATER SOFTENERS

The new range of QUICKSOFT water softeners embrace our decades of experience in the field of water treatment, enhanced with the latest forward looking technologies.

- ✓ 24 hours soft water *
- ✓ Parallel softener columns for uninterrupted operation *
- ✓ Durable due to ceramic disc technology
- ✓ Lance technology for service-friendly installation and maintenance, as well as for easy accessibility for cleaning and salt filling
- ✓ Signal display with signal light function ensures easy reading of operating status
- ✓ Hygiene-optimised: stagnation-free, forced flow, automatic hygienisation
- ✓ Optional connectivity module for connection via LAN for worldwide control via app or web browser; important information and data can be accessed while on the move – optional connection to WLAN home network possible with commercially available hardware
- ✓ Available as well as floor-standing softening system (QUICKSOFT-M)
- ✓ Also suitable for higher flow rates for several residential units (QUICKSOFT MEGA 4 and 6)
- ✓ Tested quality

* only applies to QUICKSOFT-P, QUICKSOFT-M, QUICKSOFT MEGA 4 and 6



SMART OPTION:

The connectivity module

A simple glance at your smartphone will allow you access to information on the remaining salt levels in your softener. The connectivity module takes your unit, already an expert in water softening, and makes it into a genius in communication as well (not available for QUICKSOFT-C).

It will inform you of the next anticipated maintenance check, possible malfunctions and if the unit is in regeneration or not. It will provide you with details on consumption and system status. You even have the option to start up a regeneration without even being in the same building.

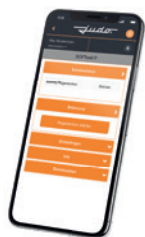




THE CONTROL DISPLAY

All unit functions are controlled by a simple to use touch pad.

The menu is easy to follow. An especially practical feature, exclusive to JUDO units, the backlit colour display indicating unit status and making it easier to spot.



JU-Control * – one app, many possibilities:
Find out about all important operating states and retrieve relevant data.
Read messages from your unit about important events – as a push message, e-mail or SMS.

* iOS and Android version available, free of charge



Operating status



Water flow



Warning message



Error message

ESPECIALLY COMPACT OR ESPECIALLY FLEXIBLE?

The QUICKSOFT series: Softening units in several performance and size variants

The models of the QUICKSOFT series, QUICKSOFT-M, QUICKSOFT-P and QUICKSOFT MEGA 4 and 6 are systems with softener columns operating in parallel. This mode of operation is a feature of softening systems in the absolute premium segment – and the means of choice when it comes to convenience, reliability, hygiene and economy. The most important advantage: soft water without interruption, around the clock, even with larger water consumption (see info box).

QUICKSOFT-P and QUICKSOFT MEGA 4 and 6 water softeners have separate salt/brine tanks that are particularly easy to clean and are extraordinarily flexible in terms of installation, thanks to the long connecting hose.

What you can expect from a water softener:

The heart of any water softener is its softening chamber. Raw water flows into a cylindrical chamber containing high-quality ion exchange resin which attracts and binds the calcium contained in the incoming water supply making it now soft.

At some point, the resin in the unit saturates and cannot absorb any more calcium. It must then be regenerated. A single chamber softening unit cannot produce any soft water whilst in regeneration.

For QUICKSOFT units, this is not a problem. The latest addition to JUDO's high-efficiency units is fitted with two softening chambers. When one is regenerating, the other is still supplying softened water, thus ensuring softened water is available 24/7. Even at higher consumption. Each softening chamber is regenerated individually, exactly when it is required and with very low salt consumption.

JUDO QUICKSOFT-P

Thanks to the parallel softener columns, the softener delivers soft water around the clock – without interruption and even with large withdrawal quantities. The softener is therefore convincing in terms of comfort, reliability, hygiene and cost efficiency.

JUDO QUICKSOFT MEGA 4 and 6

The two performance giants complete the QUICKSOFT series. Compared to the other models, they have two or three two-column softening units.

This parallel technology allows for even greater reserves. Thus, these models score with their outstanding variability in performance and size for up to 12 residential units.

Another advantage: the softeners feature the innovative JUDO flange technology. This means that the softeners with several individual units can be arranged in an even more space-saving way.

JUDO QUICKSOFT-M

This softener is presented as a so-called „cabinet unit“. With the same technology and identical performance, but with compact dimensions. It is the performance giant among the floor-standing compact units. The space-saving version shows its strengths especially in small cellars or utility rooms.

QUICKSOFT WATER SOFTENER RANGE

The JUDO softening systems of the QUICKSOFT series in the appealing JUDO design score above all with their outstanding performance and size variability for up to 12 residential units.



QUICKSOFT-M



QUICKSOFT-P



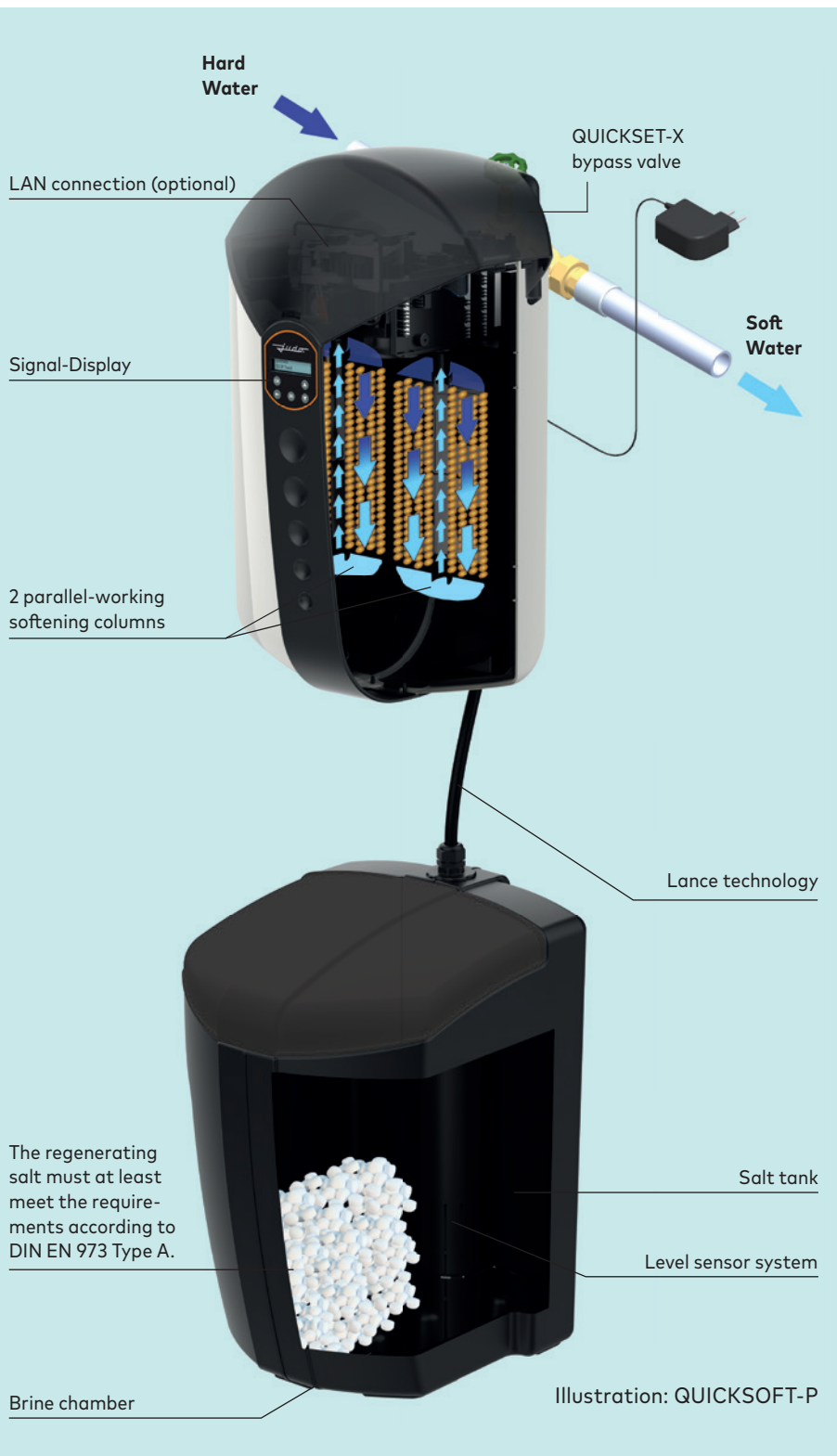
QUICKSOFT MEGA 4



QUICKSOFT MEGA 6

SOFT WATER

The right solution for every application and project size



Hygiene

Stagnation-free operation. Forced flow. Low volume of high-quality resin. Optimal regeneration intervals. Automatic disinfection. QUICKSOFT softening units offer the highest levels in hygienic standards.

Ceramic disc technology

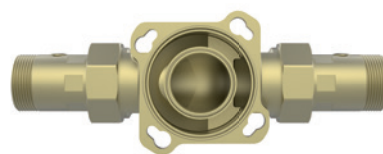
The ceramic disc technology scores with precise and reliable control of the individual process steps and maximum durability.

Softening process

The water flows through the ion exchanger. The calcium and magnesium ions that cause hardness are exchanged for sodium ions and the water becomes soft. The water hardness can be easily adjusted depending on the situation.

Innovative flange technology

Water softeners for large buildings with several individual units can now be assembled in an even more space-saving way with the new flange technology.





SOFT WATER WHEN YOU WANT IT.

JUDO Bioquell®-SOFT as a single chamber unit

These are single chamber, flow controlled units, whereby water is softened in one ion exchange column. When a regeneration is required, untreated water bypasses the unit. Once the regeneration cycle is completed, raw water is again automatically fed into the softening chamber for treatment.

All units are stagnation-free and offer hygienic operation thanks to a disinfection process both during the regeneration cycle and automatically after 96 hours with no water flow.

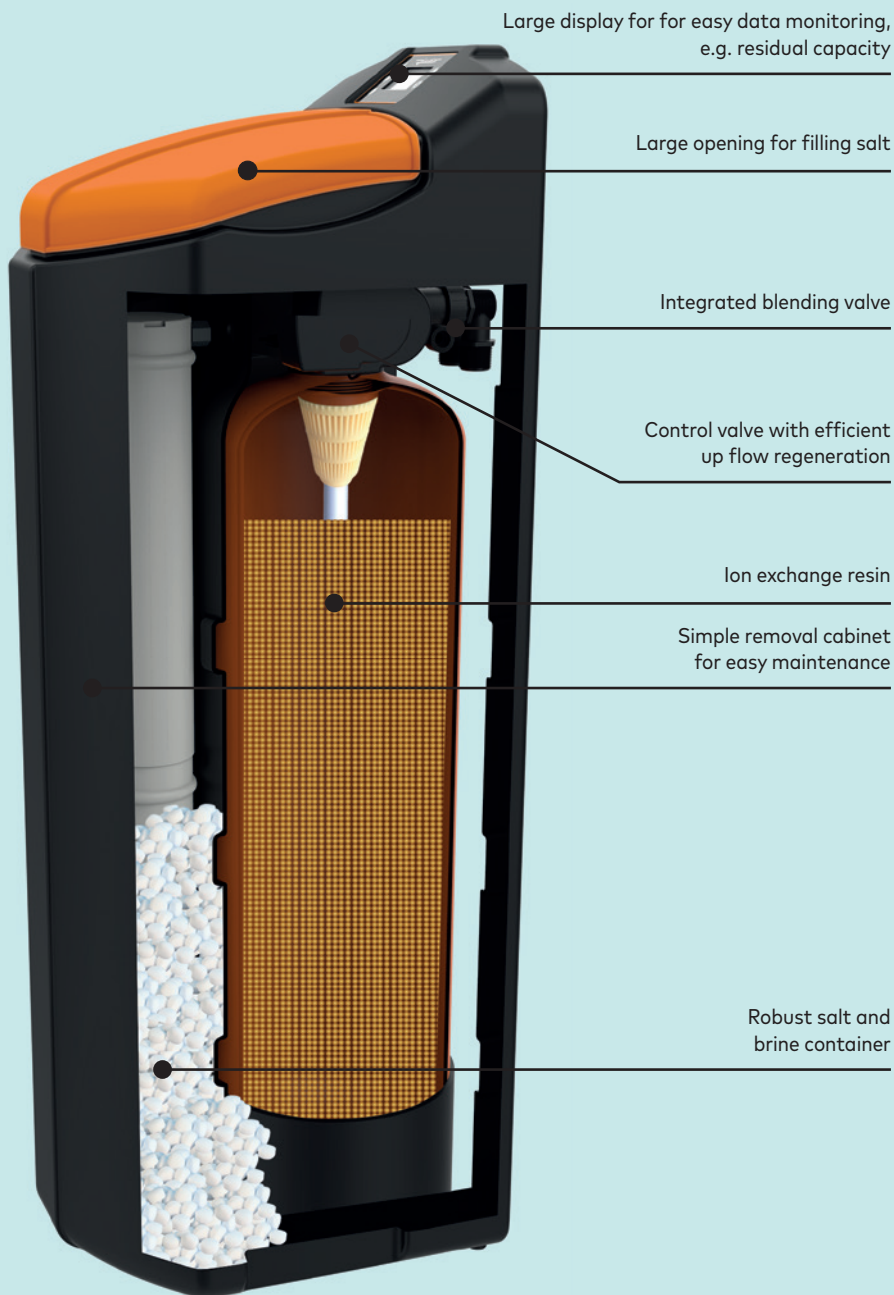
Softened drinking water for a better quality of life.

Anyone who has ever taken a bath in soft water knows the incomparably gentle feeling on the skin. Soft, fluffy laundry as well as saving cleaning time, soft water further enhances your wellbeing.

JUDO softening units offer all of this and more, setting new standards in domestic water treatment.

JUDO BIOQUELL®-SOFT

For better accessibility during installation or maintenance, the salt container can be moved away from the pressure tank. This saves time and resources, and improves handling in tight spaces.



Advantages at a glance:

- ✓ Reduces annoying scale build up
- ✓ Automatic, flow controlled regeneration
- ✓ Large opening for filling salt
- ✓ Low salt consumption
- ✓ SOFT models 15 - 40 fit under kitchen counter





THE CLEAR FAVORITE WITH MURKY WATER.

The JUDO JULDOS dosing system

For problems with rust and calcium there is a solution and one that offers precise dosing. Murky, brownish coloured water, dark runs in toilet bowls, rust particles in shower head filters. These are all sure signs of corrosion problems in your system. There are many possible causes for corrosion: a miss match of materials, elements in the water which react with metal, particles swept in from the mains, and oxygen. Pipes made of copper and galvanised steel are most at risk here.



Unhygienic:
Rusty metal pipe

The remedy: a mineral solution *. The Julia dosing system doses precise quantities into the supply and thus allows the build up of a protective coating on the inner surface of the pipes effectively protecting them from corrosion damage.

* Prepared from JUL-Mineral-Tablet





STABILISE INSTEAD OF REMOVAL:

Dosage for protection against limescale

White deposits in your shower, a heavily calcified water heater – these signs point to hard water. What you don't see, however, are clogged pipes and heat exchangers, which almost inevitably lead to further problems.



Unhygienic:
Calcified composite pipe system

Dosing minerals can also help in this problem case. Specially developed JUL minerals, in the JUL-H mineral solution, serve to stabilise lime. That is to say: they ensure that the lime contained in the water cannot settle. In this way, the JULDOS dosing pump protects your installation and connected devices.

IT'S ALWAYS ABOUT IMPROVING ON SOMETHING YOU INVENTED YOURSELF.

JUDO laid the foundation for today's fine dosing technology as far back as 1951. Back then the 'Impfbiene' unit was the first ever unit for precision dosing cutting out the dosing volume guesswork.

In the years and decades since, we have been constantly improving the process and technology. And the end result is the JULDOS dosing system offering the ultimate standard in reliability and precision.

BENEFIT FROM THE EXPERIENCE MADE IN BILLIONS OF DOSING IMPULSES

Advantages at a glance:

- ✓ Corrosion protection through protective coating
- ✓ Limescale protection through hardness stabilisation
- ✓ Precise, electronically controlled dosing in line with water consumption
- ✓ Robust synchronous motor, proven hundreds of thousands of times over
- ✓ Short and precise dosing intervals for perfect, even distribution
- ✓ Suitable for new and old installations
- ✓ Intended according to the Food Act and §11 of the Drinking Water Ordinance
- ✓ Neutral in taste and odour
- ✓ Integrated control unit automatically monitors all operating processes
- ✓ Automatic switch-off in the event of a malfunction
- ✓ Environmentally friendly
- ✓ Best quality

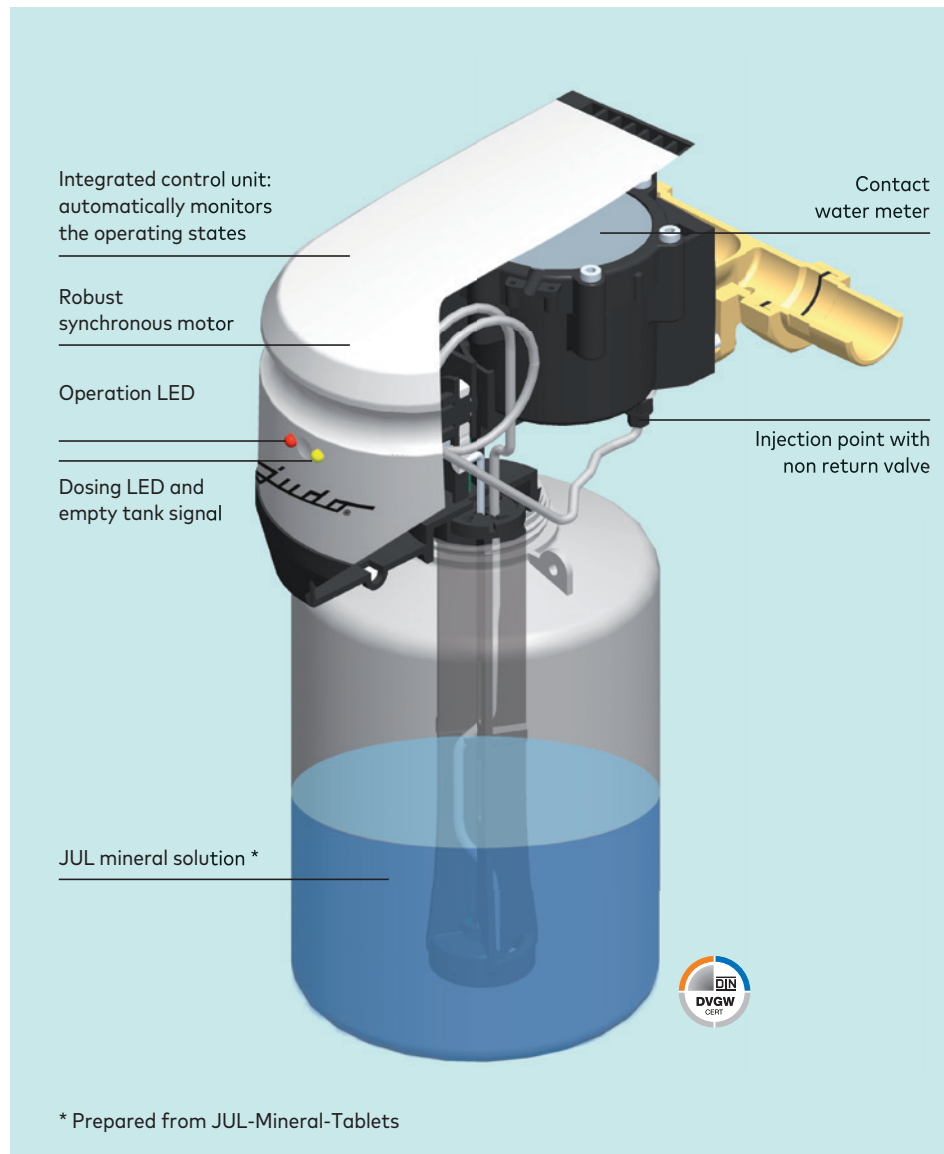
You have the choice: Replace the dosing agent container completely. Alternatively, use the refill option and refill it sustainably with mineral tablets.



Pitting, rust and murky water in an unprotected system.



A hygienic coating and clear water supply



Protection of drinking water quality is a duty



Protection against corrosion and limescale has a high priority in laws, regulations and standards. After all, drinking water installations and water heaters of great value are to be protected. Human health is even more important.

Therefore, authoritative hygiene guidelines also demand clean piping systems. According to the „Ordinance on the Quality of Water for Human Consumption“ (TrinkwV 2001), every homeowner is obliged to protect the quality of drinking water.

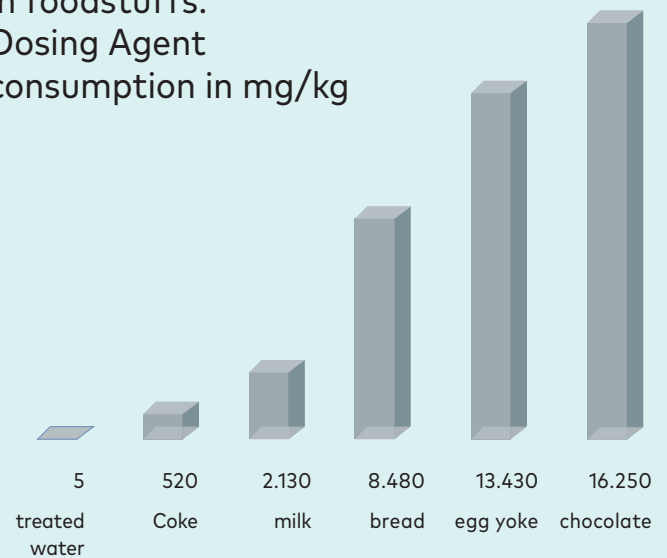
Among other things, certain levels of heavy metals may not be exceeded at the taps. Violation by neglect of the regulation of the ordinance is punishable by law.

Dosing agents: regulated in food norms, water regulations – and your gut feeling

Agents used in JUL mineral solutions are all natural substances. Phosphates, for example, are found in many foodstuffs in varying quantities. And this is a good thing as they play an important part in our metabolism and bone development.

Phosphates are permitted by water regulations. At an average daily consumption of 6.000 mg, the 10 mg we take in with our drinking water is a very small part indeed. Milk, for example, contains 400 time more phosphates than drinking water treated with JUL minerals.

Phosphate levels in foodstuffs. Dosing Agent consumption in mg/kg



A SOLUTION FOR EVERY NEED

When choosing the right mineral solution for you, your plumber will take the water quality and the pipe material used into account.

Easy change of the JUL mineral solution.

The JUL mineral tablets for preparing a solution on one's own are easier to transport, save packaging waste and have an almost unlimited shelf life.



Type JUL-W-T



Type JUL-H-T



We are the brand for the trade. With the ZVSHK quality mark – and the associated service package geared towards the trade – we as a manufacturer signal our support for the trade with regard to efficient work along the entire value chain. The ZVSHK Certified Manufacturer - Quality, Safety, Service" quality mark is the sign of recognition for this service.



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 Bioquell®-FILT BP ¾" - 2": Backwash protective sediment filter with pressure regulation & Backflow preventor (1½" - 2")

Type	Bioquell®-FILT BP	Bioquell®-FILT BP	Bioquell®-FILT BP	Bioquell®-FILT BP	Bioquell®-FILT BP
Pipe connection	¾"	1"	1¼"	1½" *	2" *
Flow rate m³/h **	2.3	3.6	5.8	9.1	14.0
Filtration rate micron	100	100	100	100	100
Max. operating temperature °C	30	30	30	30	30
Installation length mm	180	195	230	301	335
Order number	8170325	8170326	8170327	8170328	8170329

* Bioquell®-FILT BP 1½" - 2": with non return valve

** To EN 1567 for drinking water on a clean screen.



Type Bioquell®-FILT BP ¾" - 1¼"

Automatic upgrade unit

Order number

JUDO FILT-A

For the upgrade of manual Bioquell®-FILT BP water stations to automatic backwashing units, with patented safety module and pot.-free contact for external reporting.



2170666



Function even in the event of a power failure through patented safety module



The product is prepared for a potential-free contact



Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.

JUDO Bioquell®-FILT B ¾" - 2": Backwash protective sediment filter

Type	Bioquell®-FILT B	Bioquell®-FILT B	Bioquell®-FILT B	Bioquell®-FILT B	Bioquell®-FILT B
Pipe connection	¾"	1"	1¼"	1½"	2"
Flow rate m³/h *	6.1	7.1	7.3	12.2	15.1
Filtration rate micron	100	100	100	100	100
Max. operating temperature °C	30	30	30	30	30
Installation length mm	180	195	230	252	280
Order number	8070710	8070711	8070712	8070713	8070714

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss.



Type Bioquell®-FILT B ¾" - 1¼"

Automatic upgrade unit

Order number

JUDO FILT-A

For the upgrade of manual Bioquell®-FILT BP water stations to automatic backwashing units, with patented safety module and pot.-free contact for external reporting.



2170666



Function even in the event of a power failure through patented safety module



The product is prepared for a potential-free contact



Type FILT-A (Automatic upgrade kit)

*** only valid for automatic version

TECHNICAL DATA



Type Bioquell®-CLEAR 75



Type Bioquell®-CLEAR 250

JUDO Bioquell®-CLEAR: The home water purifier

Type	Bioquell®-CLEAR 75	Bioquell®-CLEAR 120	Bioquell®-CLEAR 150	Bioquell®-CLEAR 250
Pipe connection	¾"	¾"	¾"	1"
Flow rate m³/h	0.75	1.2	1.5	2.5
Active carbon quantity l	8	12	20	30
Operating pressure bar	1.5 - 8	1.5 - 8	1.5 - 8	1.5 - 8
Max. water temperature °C	40	40	40	40
Dimensions W x D x H mm	245 x 270 x 575	275 x 295 x 575	400 x 387 x 1.200	400 x 387 x 1.200
Order number	8200385	8200386	8200387	8200388

Accessories

Accessories	Order number
Bypass valve For installation between pipe connector and Bioquell® SOFT / CLEAR	2202015



Type JPCS-FP 1"

JUDO PIPE-CARE SYSTEM JPCS-FP: Micro-leakage protection system with backwash protective filter and integrated pressure regulator

Type	JPCS-FP ¾"	JPCS-FP 1"	JPCS-FP 1½"
Pipe connection	¾"	1"	1½"
Flow rate m³/h *	2.3	3.6	5.8
Installation length mm	180	195	230
Filtration rate micron	100	100	100
Order number	8140045	8140046	8140047

* Nominal flow of the clean filter in accordance with EN 1567 for drinking water.



Type JPCS-FB 1"

JUDO PIPE-CARE SYSTEM JPCS-FB: Micro-leakage protection system with integrated backwash protective filter and lime scale prevention unit

Type	JPCS-FB ¾"	JPCS-FB 1"	JPCS-FB 1½"
Pipe connection	¾"	1"	1½"
Flow rate m³/h **	2.0	2.7	3.0
Installation length mm	180	195	230
Filtration rate micron	100	100	100
Order number	8140039	8140040	8140041

** for drinking water with clean filter at 0.5 bar pressure loss.



This product is controllable worldwide via a free app



The Internet connection is encrypted via TLS



There is a LAN connection available for the connection with the home network



The product is prepared for a potential-free contact



Micro-leakage protection



Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.

*** only valid with additional connectivity module (Accessories)

JUDO PIPE-CARE SYSTEM JPCS-FD: Micro-leakage protection system with integrated backwash protective filter and polyphosphate dosing unit

Type	JPCS-FD ¾"	JPCS-FD 1"	JPCS-FD 1¼"
Pipe connection	¾"	1"	1¼"
Flow rate m³/h *	2.0	2.7	3.0
Installation length mm	180	195	230
Filtration rate micron	100	100	100
Order number	8140042	8140043	8140044

* for drinking water with clean filter at 0.5 bar pressure loss.

					
<p>**</p> <p>This product is controllable worldwide via a free app</p>	<p>**</p> <p>The Internet connection is encrypted via TLS</p>	<p>**</p> <p>There is a LAN connection available for the connection with the home network</p>	<p>The product is prepared for a potential-free contact</p>	<p>Micro-leakage protection</p>	<p>Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.</p>

** only valid with additional connectivity module (Accessories)



Type JPCS-FD 1"

JUDO PIPE-CARE SYSTEM JPCS: Micro-leakage protection system

Type	JPCS ¾"	JPCS 1"	JPCS 1¼"
Pipe connection	¾"	1"	1¼"
Flow rate m³/h	4.0	5.0	6.0
Pressure loss at flow rate bar	0.4	0.6	0.7
Installation length mm	180	195	230
Order number	8140048	8140049	8140050

					
<p>**</p> <p>This product is controllable worldwide via a free app</p>	<p>**</p> <p>The Internet connection is encrypted via TLS</p>	<p>**</p> <p>There is a LAN connection available for the connection with the home network</p>	<p>The product is prepared for a potential-free contact</p>	<p>Micro-leakage protection</p>	<p>Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.</p>

** only valid with additional connectivity module (Accessories)



Type JPCS 1"

Accessories	Order number
JUDO Connectivity module (LAN)	8235010
JUDO WLAN repeater	2202228
JUDO floor sensor incl. connection cable, 2 metres	8203554
Each additional floor sensor (max. 9 pieces): JUDO floor sensor incl. connection cable 2 metres and branch connector.	8203556
JUDO extension cable for floor sensor, 2 metres.	8203551
JUDO extension cable for floor sensor, 5 metres.	8203552
JUDO extension cable for floor sensor, 10 metres.	8203553
JUDO potential-free signal cable for the relay of error, 10 metres	2200717

TECHNICAL DATA



Type QUICKSOFT-P



Type QUICKSOFT-M

JUDO QUICKSOFT P- / M: Duplex water softeners		
Type	QUICKSOFT-P	QUICKSOFT-M *
Pipe connection	1"	1"
Nominal flow rate according to EN 14743 and pressure loss of 1 bar m ³ /hr	1.8	1.8
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m ³ /h	3.0	3.0
Max. short term flow rate m ³ /hr	3.5	3.5
Installation length mm	195	195
Salt supply tank content kg	50	30
Salt use for each m ³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4	0.4
Order number	8203523	8203522

Consummables	Order number
JUDO regeneration salt as per DIN EN 973, 25 kg.	8839101

Accessories	Order number
JUDO Connectivity module	8235010
JUDO potential-free signal cable for the relay of error, 10 metres.	2200717

* Dimensions mm (without connection hoses): 403 (width) x 478 (depth) x 580 (height)



Type QUICKSOFT MEGA 4



Type QUICKSOFT MEGA 6

JUDO QUICKSOFT MEGA 4 / MEGA 6: Softening systems for building services engineering		
Type	QUICKSOFT MEGA 4	QUICKSOFT MEGA 6
Pipe connection	1¼"	1½"
Nominal flow rate according to EN 14743 and pressure loss of 1 bar m ³ /hr	3.0	4.0
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m ³ /h	4.5	6.0
Installation length mm	230	ca. 306
Salt supply tank content kg	100	150
Salt use for each m ³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4	0.4
Order number	8203524	8203557

Consummables	Order number
JUDO regeneration salt as per DIN EN 973, 25 kg.	8839101

Accessories	Order number
JUDO Connectivity module (LAN, two modules recommended for QUICKSOFT MEGA 4 and three modules for QUICKSOFT MEGA 6)	8235010
JUDO potential-free signal cable for the relay of error, 10 metres	2200717

This softener produces soft water without interruption	This product is controllable worldwide via a free app	The Internet connection is encrypted via TLS	There is a LAN connection available for the connection with the home network	The product is prepared for a potential-free contact	Keyboard with digital display	Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.

* when using the optional connectivity module

JUDO Bioquell®-SOFT 15 - 100: Fully automatic water softening unit

Type	Bioquell®-SOFT 15	Bioquell®-SOFT 40	Bioquell®-SOFT 65	Bioquell®-SOFT 100
Pipe connection Inch	¾"	¾"	1"	1"
Flow rate m³/h	0.75	1.5	2	2.5
Capacity at optimal operation gram	270	710	1.157	1.780
Salt consumption per regeneration at optimal operation kg	0.6	1.9	3.2	4.8
Capacity in economy mode gram CaCO ₃	180	500	801	1.246
Salt consumption per regeneration in economy mode kg	0.3	1.0	1.6	2.4
Salt storage capacity kg	14	22	-	-
Operating pressure bar	1.5 - 8	1.5 - 8	1.5 - 8	1.5 - 8
Max. water temperature °C	40	40	40	40
Dimensions W x D x H mm	287 x 444 x 545	404 x 452 x 600	404 x 453 x 1.200	404 x 453 x 1.200
Order number	8200375	8200377	8200378	8200379



Type Bioquell®-SOFT 15



Type Bioquell®-SOFT 65

Accessories

Bioquell disinfection device Based on the NaCl electrolysis process, for Bioquell®SOFT softeners	2202018
Bypass valve For installation between pipe connector and Bioquell® SOFT / CLEAR	2202015

Order number

JUDO JULDOS 4 - 25: Dosing systems

Type	JJD 4 *	JJD 10	JJD 25
Scope of operation as per EN 14812 and DIN 19635-100, lower/upper limit	0.06 - 4	0.08 - 10	0.08 - 24
Suitable for a max consumption in m³ per month **	60	200	400
No. of apts. serviced	2 - 6	5 - 10	10 - 40
Pipe connection	1"	1¼"	1½"
Max. counter pressure bar	8	8	8
Max. operating pressure bar	8	8	8
Pressure loss at max. operation, bar	0.8	0.8	0.8
Volume of dosing agent container, litres	6	25	25
Water volume treated by 1 dosing agent container, m³	48 - 80	200 - 330	200 - 330
Installation length mm	195	230	252
Order number	8309075	8309076	8309077



Type JJD 4

Accessories

JUDO potential-free signal cable for the relay of error and dry-running reports.	2340051
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Order number

* with empty container

** Assumption here is a monthly water consumption of 10 m³ per apt. Water consumption for domestic use is based on 3.5 - 7 m³ per month

Further system sizes: see JUDO price list.



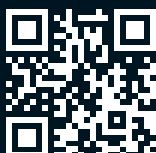
The product is prepared for a potential-free contact



Horizontal or vertical installation by simply turning the JUDO QUICKSET-E built-in rotary flange.

JUDO WATER TREATMENT. A NAME YOU CAN TRUST.
SINCE 1936.

We reserve the right to make technical changes. No responsibility for errors.



JUDO Wasseraufbereitung GmbH
P.O. Box 380 · D-71351 Winnenden
Germany
phone +49 (0)7195 692 - 0
fax +49 (0)7195 692 - 110
e-mail: info@judo.eu · www.judo.eu

1931411 · 012206 · JD · DRD