



EXPORT CATALOGUE

Perfect water makes the difference



JUDO QUALITY MADE IN GERMANY



Product concept, engineering, testing, production and quality control, all made at our facilities in the southwest of Germany. JUDO products comply with the stringent German standards' requirements and are supported by a range of international approvals from North America, across Europe to Australia.



JUDO Düsseldorf



Branch office Brussels / Belgium



Branch office Strasbourg / France



Branch office Vienna / Austria



Branch office Basel / Switzerland



Branch office Toronto / Canada

Leading technology. There for you, every day.

Water is our most important food. Clean and hygienic drinking water in every tap is the basic requirement to maintain good health and well-being.

Water is, however, more than that: it is our heaters' heat transfer medium and it flows through house installations and air conditioners.

It cools machines, it keeps production processes going and it cleans and disinfects.

Water quality requirements are varied and depend on the application.

JUDO is a solutions provider. Water treatment products and systems, engineered for optimal results. In accordance with the latest relevant standards and guidelines. Geared to the specific requirements of our clients and, most important of all, governed by our own stringent quality standards.

Our daily bread for more than 87 years!

Our location. At work and at home.

JUDO's name in water treatment is recognised around the world. We are at home in Winnenden, just outside of Stuttgart. Administration, Project Management and the newly opened JULIUS DOPSLAFF Campus are all located there. R&D, Engineering, Design and Production are located in which is our only production facility, conveniently close, in Backnang-Waldrems.

The JULIUS DOPSLAFF Campus houses our Training Programme, water treatment education courses and our Customer Service Department.

We value short paths for development, design and production. Therefore, we manufacture only in our central production site in the nearby Backnang-Waldrems. Production processes, quality control, systems development, all close at hand.

When it comes to distribution, however, we have a different perspective in view. JUDO has 8 regional branches in Germany and distribution centres and partners in over 50 countries including JUDO branches in Austria, Switzerland, France, Belgium, Netherlands, Luxembourg, Poland, China and Canada.



JUDO Winnenden: Administration



JUDO Winnenden: JULIUS DOPSLAFF Campus



JUDO Backnang: Research & Development



JULIUS DOPSLAFF Campus - Showroom



JULIUS DOPSLAFF Campus - Training

Pioneer, developer and a strong partner

WE THINK AHEAD

Water flows, is alive and always in motion, just like JUDO: We have been pioneering water treatment for over 87 years. The success secret of our family-run company: Invest in the future, stay dynamic and explore new paths – and do all of this without losing sight of our Swabian roots!



The company name comes directly from that of our founder, **JULIUS DOPSLAFF**. The first 2 letters of his first and family name, JU and DO, form today's JUDO Wasseraufbereitung GmbH.

- 1936:** Engineer JULIUS DOPSLAFF founds the JULIUS DOPSLAFF KG, later JUDO Wasseraufbereitung GmbH.
- 1951:** JUDO produces the "Impfbiene", the world's first precision dosing system.
- 1962:** JUDO brings the world's first sediment protection filter to the market.
- 1975:** JUDO invents the backwash cleaning system, thus re-inventing the sediment protection filter.
- 1983:** Production start for the world's first water softeners with DVGW approval.
- 1985:** Backwash sediment protection filters with the patented Point Rotation Backwash System "PROFI" go into series production.
- 1991:** JUDO introduces the "BIOSTAT" as a unit for alternative lime scale protection into its product range.
- 1993:** JUDO softeners, now in their smallest form, are available for use in dishwashers.
- 1994:** The most efficient water softener of its time, the DX-K from the "BIOQUELL" range is voted best in category, by the Germany consumer guide magazine "Stiftung Warentest".
- 1995:** JUDO introduces patented silver coated sieves to all backwash sediment protection filters.
- 1996:** The introduction of the "QUICKSET-E" – the patented pipe connector with the bayonet connection function.
- 1997:** JUDO introduces the "HEIFI-TOP", the first backwash filter for heating systems.
- 2002:** The arrival of the "LONGLIFE range". The backwash sediment protection filter with patented ceramic flush valve.
- 2003:** JUDO develops the "JU-WEL". The first ever unit for the enhancement of water using precious stones.
- 2004:** The 100.000th water softening unit in the "BIOQUELL" range rolls off the production line.
- 2005:** JUDO introduces the "CONTISOFT", the first DVGW approved water softener for flow rates up to 20 m³/h with a stagnation-free operating system.
- 2006:** The "ZEWA-WASSERStop" is introduced to the market by JUDO. The first DVGW-approved leakage protection system on the market, offering property protection and water resources saving.
- 2009:** JUDO develops the first intelligent and fully automatic water softening unit worldwide, the "i-soft".

- 2010:** Water softening in larger volume applications now goes intelligent with the introduction of the "i-soft@home" for flow rates up to 20 m³/h.
- 2011:** JUDO "QUICK CONNECTION" is a world first in installation comfort, allowing a filter to be completely mounted using just one screw. The introduction of the "i-balance" brings alternative limescale protection into the intelligent operation family.
- 2013:** The JUDO "i-soft plus" softening and "i-dos" dosing systems set new operating standards – with fully automatic operation and with control via smartphone. JUDO's "HEIFI-REPURE", "HEIFI-RESOFT" and "HEIFI-FÜL PLUS" now turn the filling of heating systems, to today's stringent quality standards, into an easy matter.
- 2014:** JUDO receives the PLUS X award in sanitary installations category as the year's most innovative brand.
- 2015:** The JUDO "i-fill" series goes into production. The intelligent device makes heating system filling especially easy, comfortable and safe. Another new development, the "ZEWA PLUS", offers leakage protection for entire building applications.
- 2016:** The JULIUS DOPSLAFF Campus opens its doors. JUDO seminars and training sessions are held there in a forward-looking environment and with the latest media technology.
- 2017:** JUDO presents "QUICKSOFT", the new addition to the water softening range. Furthermore, the new "HEIFI filling system SOFT/PURE", a new combi unit, is introduced to the heating water treatment line.
- 2018:** JUDO "i-soft@home" goes interactive. Introduction of new heating filling systems "i-fill", "i-fill plus" and "i-fill GT".
- 2019:** Water softeners in the "i-soft" range now available with voice-control via Alexa as well as via "JU-control app". JUDO receives 'Germany's leader in innovation' award.
- 2020:** JUDO introduces the complete Bioquell®-HOME range
- 2021:** Bioquell®-PURE represents the home solution specially for easy use and peace of mind. Easily installed it offers a reliable supply of clean, clear and odourless drinking water.
- 2022:** JUDO develops the PIPE CARE SYSTEM. Innovation with micro-leakage detection.
- 2023:** With the expansion of the i-soft series to include the new i-soft PRO and i-soft K water softeners, JUDO also presents two particularly space-saving, floor-standing and flexibly installable variants. The new floor-standing SOFTwell KP water softener is very well suited for confined spaces and optimally completes the series.

QUALITY MADE IN GERMANY

and internationally approved!



The CE sign demonstrates that a product complies with the requirements established in directive 765/2008 of the harmonized regulations law within the community. CE was created to guarantee end user access to safe products within the 30 signatory states of the Common European Economic Area.



The last word in German approvals for the gas and water industries, the DVGW has been setting and controlling the highest levels of product efficiency, health and safety standards that the German market has enjoyed for over 150 years, and is globally accepted as one of the highest standards.



ACS stands for "attestation of sanitary conformity" and is the standard used by the French authorities for materials and equipment in direct contact with drinking water. The ACS symbol is an assurance of the highest standards in performance conformity.



WaterMark is the certificate of approval for products used with drinking water in Australia and New Zealand. Confirms a product meets ABCB requirements and that its use is therefore permitted. The Australian Building Codes Board (ABCB) is the regulatory institute responsible for the development and care of regulations for building and sanitary installation.



The CSA, Canadian Standards Association, is an independent NPO with offices in 14 countries developing and controlling over 3000 norms governing safety, design and performance in the water industry. CSA is recognized as an equivalent standard by such renowned organizations as UL in the USA.



The BELGAQUA certificate from the Belgian Association of the water industry is awarded to products and materials that meet the requirements for contact with drinking water.



PZH is an institute certifying that products pose no danger to health or the environment when used in accordance with manufacturer's instructions. The PZH hygiene certificate is very important in the water treatment industry.



The EAC is a certification of conformity for countries in the Eurasian Economic Union. These include Russia, Belarus, Kazakhstan, Kyrgyzstan and Armenia.



The Swiss Water and Gas Association tests and certifies products ensuring they are in line with the highest current levels of quality, safety and technical suitability for use in gas and water installations.



Required for all foreign manufacturers of residential water treatment units, China's MOH certificate is awarded by the Ministry of Health and is considered one of the most demanding when it comes to meeting qualification and product testing standards.



The Plus X award is the world's largest award for innovation in technology, sports and lifestyle chosen by a jury consisting of 25 branches of the economy, with 23 competent partners and a total marketing investment volume of over 25 million Euros.



The ZVSHK quality rating offers safety and orientation to the plumbing trade. The ZVSHK rewards Manufacturers with the "Certified Manufacturer – quality, security and service" mark for their manufacturing processes and high standards in product quality and scope of customer service as well as investment in R&D, thus supporting the expansion of the industry as a whole.



Quality management standard ISO 9001 is one of the most widely accepted quality management approvals both on a national and international level. Our ISO 9001 certification goes to prove how seriously we take our high levels of quality management, and keep developing them further.



The iF design awards are counted amongst the most important in the world of international design. The iF logo awarded to the contest winner is accepted world wide as an indicator for excellence in design and is highly regarded by designers everywhere.

DEAR PARTNERS,

For the past 87 years, JUDO has proven itself as a leader in the field of water treatment manufacturing. Internationally active, the company thrives on creating new and innovative solutions for the responsible use of the valuable water resources in both domestic and commercial applications.

Made in Germany. At home across the globe.

Our distinctive mark is the orange line that runs through our whole product range from initial product conception to ease of maintenance. It is our insistence on the highest quality standards that is shaping our future. For this reason, all of our products are manufactured in our own plant in Germany. Our distribution network is, however, much more diverse. JUDO has 8 regional offices in Germany alone, as well as sales offices abroad and, through our distribution partner network, JUDO products are at home in over 50 countries.

Certified and tested quality

Wherever drinking water systems are being discussed, we are immediately talking about safety, hygiene, and quality of life. And we understand that this is especially true for the sanitary trade. It is the specialist who has the skills and experience required to install, commission and maintain the JUDO product line; for this reason, our distribution network is oriented to professionals' needs.

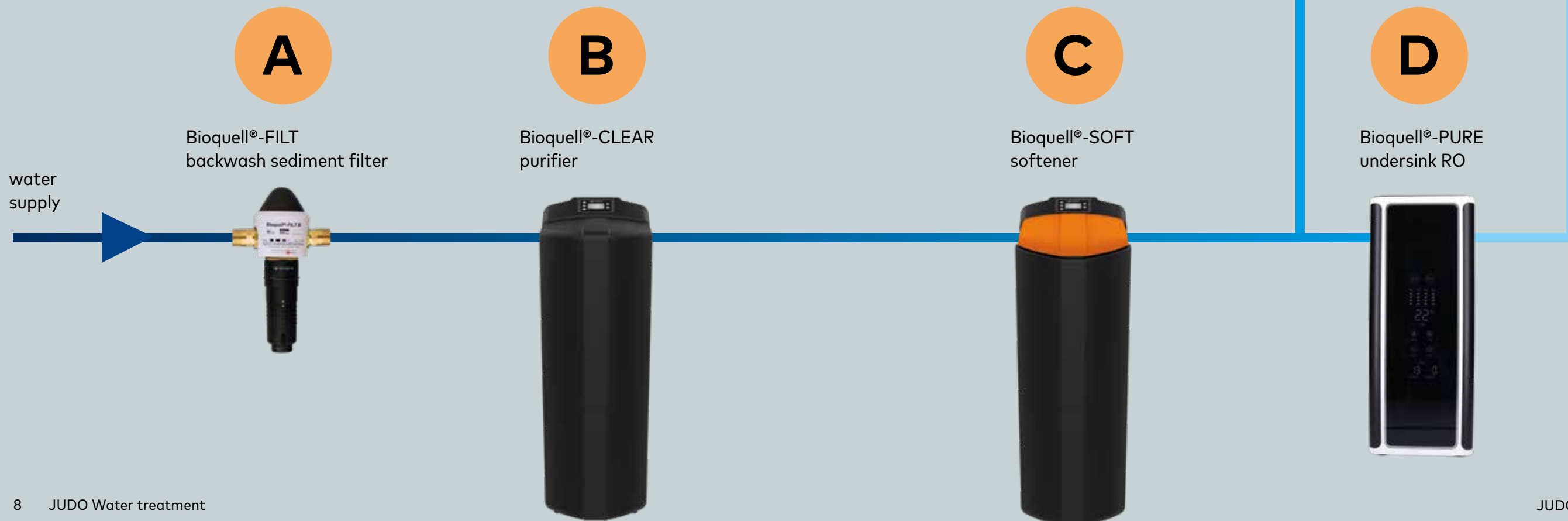
Quality, innovation and service. These are the keystones our professional and distribution partners will continue to demand and receive from us in the future. In this catalogue, you will find the products that guarantee this promise.

Here's to the next stage in our cooperation!

Hartmut J. Dopslaff
CEO

Kathrin Reggi-Dopslaff
CEO

Water treatment
intelligent and fully automatic.



When it comes to protective sediment filters, no one can fool us.

It's our systems others strive to imitate.



Type	JUDO PROFI-PLUS	JUDO PROFI	JUDO PROFIMAT-PLUS-AT	JUDO PROFIMAT-PLUS-ATP	JUDO Bioquell®-FILT BP	JUDO Bioquell®-FILT B
Pipe connection	¾" - 1¼"	1½" - 2"	¾" - 2"	¾" - 2"	¾" - 2"	¾" - 2"
Flow rates m³/h *	6.7 - 8.5	13 - 22	6.7 - 22	6.7 - 22	2.3 - 14.0	3.7 - 15.1
Backwash filter	✓	✓	✓	✓	–	✓
Backwash filter with pressure regulation	–	–	–	–	✓	–
Manual	✓	✓	–	–	✓	✓
Automatic timer	–	–	✓	✓	–	–
Automatic timer and pressure controlled	–	–	–	✓	–	–
Using patented point rotation system	✓	✓	✓	✓	–	–
See pages	17	17	18	19	25	26

* Δp 0.5 bar



Type	JUDO PROFI	JUDO PROFIMAT-AT	JUDO PROFIMAT-ATP	JUDO PROFI	JUDO PROFIMAT-ATP
Pipe connection	DN 65 - 100	DN 65 - 100	DN 65 - 100	DN 125 - 200	DN 125 - 200
Flow rates m³/h *	28 - 78	28 - 78	28 - 78	100 - 200	100 - 200
Backwash filter	✓	✓	✓	✓	✓
Backwash filter with pressure regulation	-	-	-	-	-
Manual	✓	-	-	✓	-
Automatic timer	-	✓	✓	-	✓
Automatic timer and pressure controlled	-	-	✓	-	✓
Using patented point rotation system	✓	✓	✓	✓	✓
See pages	21	22	23	21	23

* Δp 0.5 bar

61 years of experience

The best protection against bacterial growth is a really clean screen.

Backwash filters were not only invented, but also perfected by JUDO. The point-to-point rotation system ensures high pressure cleaning regulated by three rotating arms along the filter screen.

This method offers much better screen cleaning efficiency than standard backwash systems, as well as much better hygiene. Efficient impurity removal ensures there is no bacterial development.

Backwash, don't replace!

Using JUDO backwash filters means you no longer have the trouble of replacing that dirty filter cartridge every 6 months. Simply backwash the filter screen using filtered water. All done in a simple turn of a handwheel with no interruption to the ongoing water supply, no changes in water quality and without waste cartridges.

Integrated free outlet.

To ensure that the backwash water is completely removed from the filter, it must be able to flow freely to the drain. This ensures that contaminated backwash water does not return through the filter to the general supply system and eliminates any danger of bacterial contamination. All the filters in the JUDO PROFI PLUS range have a flush valve and an additional hose adapter with integrated free outlet that performs exactly this function, ensuring an efficient operation in the whole sanitary installation.

The most efficient way to backwash the point-rotation system

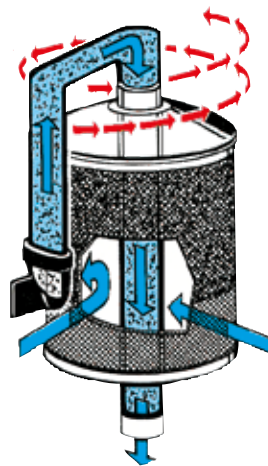
Cleaning a filter screen by backwashing is a JUDO invention, which was then perfected via the point-rotation system. In the PROFI-series, particles trapped in the sieve mesh are suctioned off under pressure, point to point across the screen and then drained using three rotating suction arms which also clean the viewing glass during backwash. This combination not only gives an optimal cleaning performance but also ensures high levels of hygiene by removing the material on which bacterial growth can take place.



Stainless steel sieve



Hydrodynamic cleaning



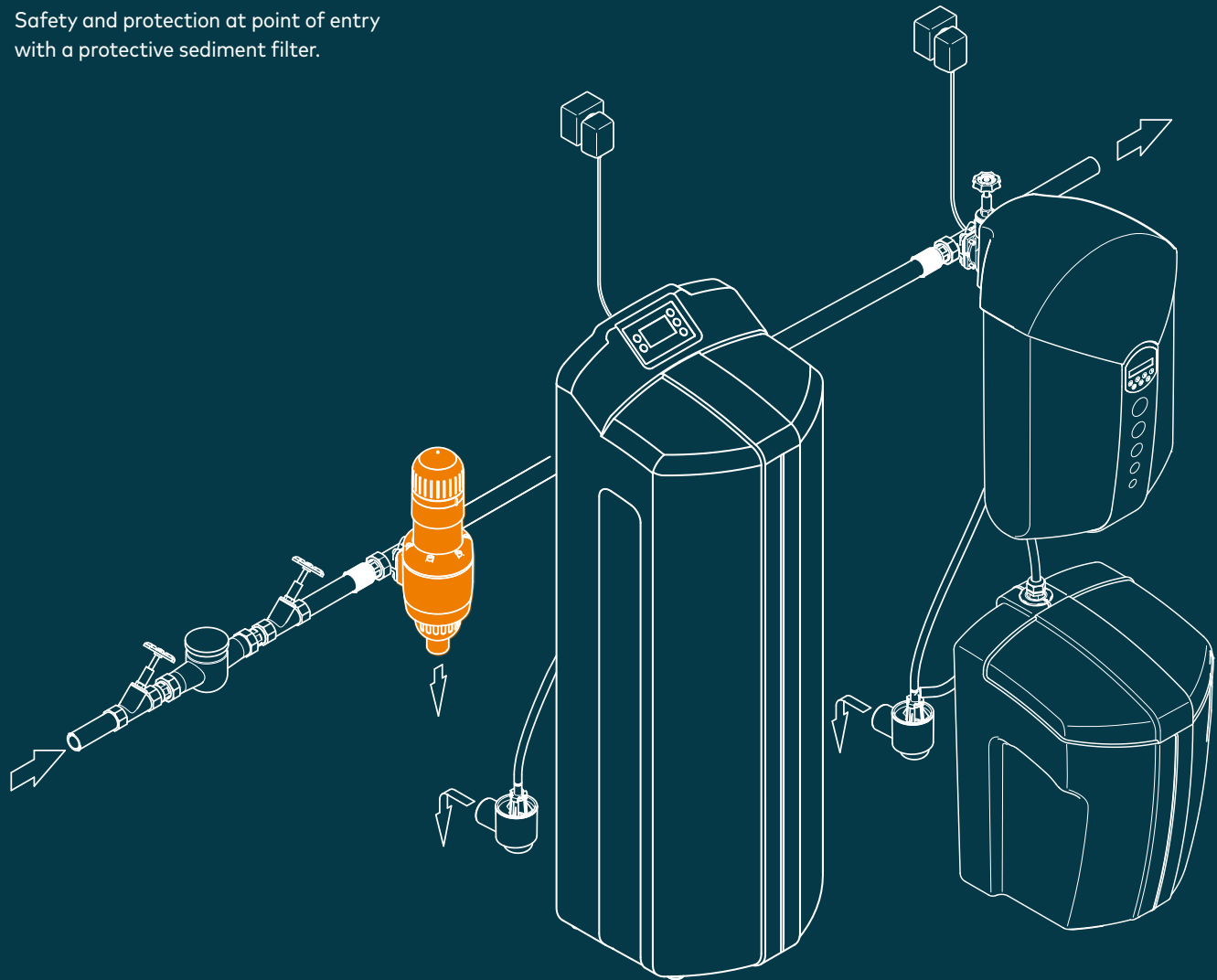
No interruption to the water supply during backwash cycle

PROFI

Protective sediment filters

JUDO protective sediment filters

Safety and protection at point of entry with a protective sediment filter.

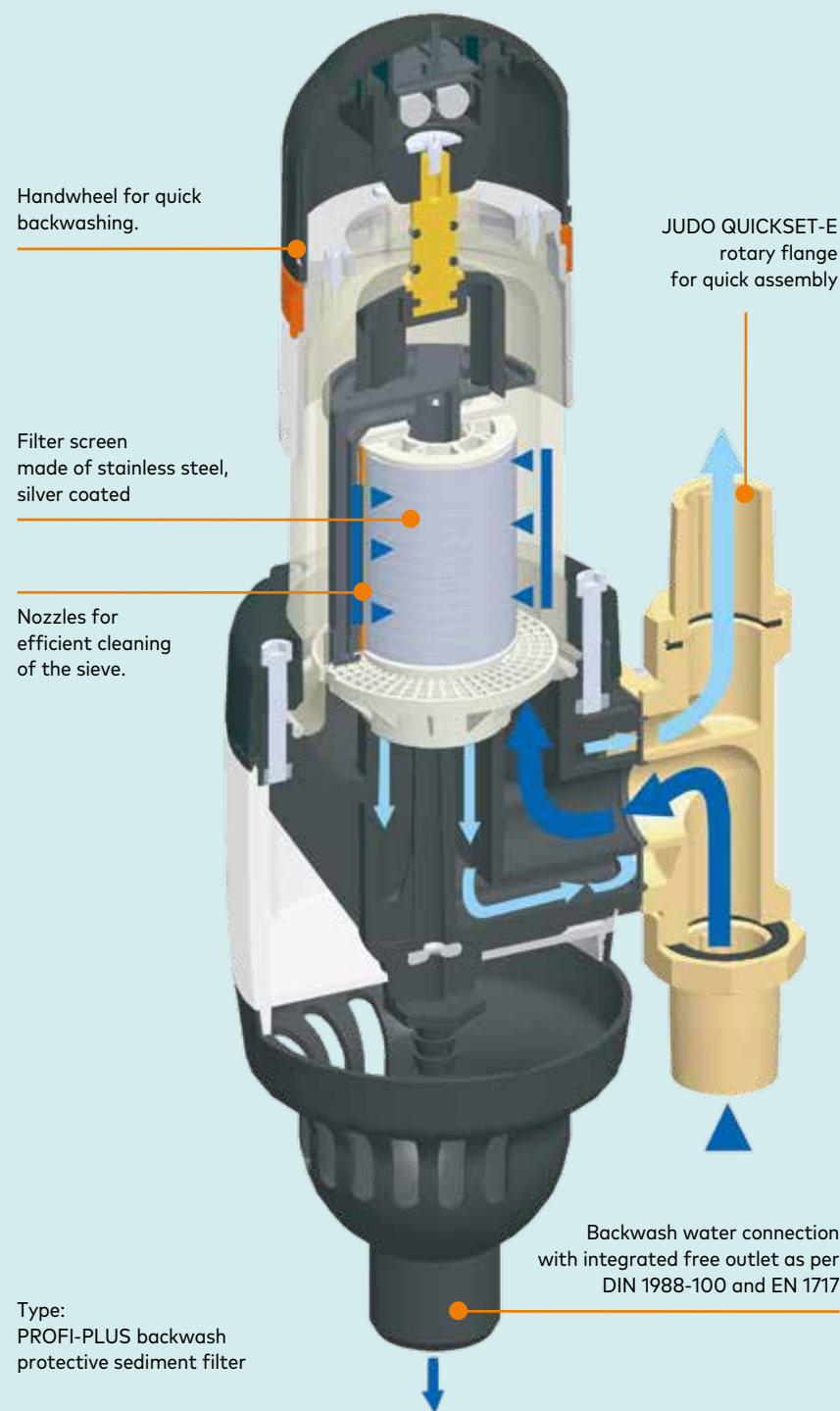


For your drinking water installation

A powerful JUDO backwash protective sediment filter forms the starting point for most water treatment solutions. Because even if the local suppliers supply water of the highest quality, it cannot be prevented that impurities are washed into the domestic water installation: Suspended particles, metal chips and oxides, residues of sealing material. These particles can damage accessories and cause seals to wear prematurely.

JUDO PREMIUM LINE 3/4" - 2"

Do not settle for less.
JUDO PROFI-PLUS backwashing protective sediment filters are your first choice when it comes to protecting drinking water installations. With perfect backwashing, silver-plated sieve and many other advantages. And most importantly: Quality made in Germany.



JUDO PROFI-PLUS 3/4" - 2"

Backwash protective sediment filter manual version

- With stainless steel filter screen, electronic reminder (3/4" - 1 1/4") and high-efficiency point rotation system.
- Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- For drinking water up to 30 °C
Operating pressure range 1.5 - 16 bar



Scope of delivery Type JPF+ 3/4" - 1 1/4": Filter housing made of high-quality plastic PN 16, built-in rotary flange with patented bayonet connection made of brass with screw, threaded connector in accordance with EN 10226-1; horizontal and vertical installation is possible; silver-plated filter screen made of stainless steel; large handwheel (with memory electronics) for backwashing based on point rotation system with simultaneous cleaning of the inspection bell.

Scope of delivery Type JPF 1 1/2" - 2": High grade filter housing PN 16; built-in rotary flange made of brass with screw (threaded connector in accordance with EN 10226-1); horizontal and vertical installation is possible; silver-plated filter screen made of stainless steel; large handwheel for backwashing based on point rotation system with simultaneous cleaning of the inspection bell.

Type	JPF+	JPF+	JPF+	JPF	JPF
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Flow rate m³/h *	6.7	7.6	8.5	18	22
Installation length mm	180	195	230	252	280
Filtration rate micron	100	100	100	100	100
Dimensions W x D x H mm	130 x 165 x 410	130 x 165 x 410	130 x 170 x 410	158 x 207 x 432	158 x 215 x 432
Order number	8010072	8010073	8010074	8010213	8010214

Made in Germany

Stable plastic housing

Proven quality

Inspection glass

Especially hygienic

Ergonomic handwheel

Back-washing reminder

Very reliable

Ag

Horizontal and vertical installation

Especially thorough backwashing



Type JPF+ 3/4" - 1 1/4"

Type JPF 1 1/2" - 2"



- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Uncomplicated**
easy backwashing
- ✓ **Efficient**
effective backwash thanks to point rotation system
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash

Installation dimensions see page 66.

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss. Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!



Type JPF+ -AT ¾" - 1¼"



- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Backwashes automatically**
with timer controlled backwash
- ✓ **Efficient**
effective backwash thanks to point rotation system
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash

Installation dimensions see page 66.

JUDO PROFIMAT-PLUS-AT ¾" - 2"

Automatic backwash protective sediment filter (time controlled)

- + With silver coated, stainless steel filter screen and high-efficiency point rotation system.
- + Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- + For drinking water up to 30 °C
Operating pressure range 1.5 - 16 bar

Scope of delivery: Filter housing made of high-quality plastic PN 16; built-in rotary flange with patented bayonet connection made of brass with screw, threaded connector in accordance with EN 10226-1; horizontal and vertical installation is possible; silver-plated filter screen made of stainless steel; Automatic time-dependent triggering of backwashing can be selected: hour, day, week, month, manual triggering are possible. With servomotors, electrical control with function and fault display (light diode and buzzer). Backwashing based on point rotation system with simultaneous cleaning of the inspection bell, including plug-in power supply.

AT control: timer controlled backwash: settings: hourly, daily, weekly, monthly. Manual backwash start-up button.

Type	JPF+ -AT	JPF+ -AT	JPF+ -AT	JPF+ -AT	JPF+ -AT
Pipe connection	¾"	1"	1¼"	1½"	2"
Flow rate m³/h *	6.7	7.6	8.5	18	22
Installation length mm	180	195	230	252	280
Filtration rate micron	100	100	100	100	100
Dimensions W x D x H mm	133 x 164 x 500	133 x 164 x 500	133 x 164 x 500	158 x 207 x 491	158 x 215 x 491
Order number	8020104	8020105	8020106	8307012	8307013

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss.
Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!

JUDO PROFIMAT-PLUS-ATP ¾" - 2"

Automatic backwash protective sediment filter (time and differential pressure controlled)

- + With silver coated, stainless steel filter screen and high-efficiency point rotation system.
- + Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- + For drinking water up to 30 °C
Operating pressure range 1.5 - 16 bar

Scope of delivery: Filter housing made of high-quality plastic PN 16; built-in rotary flange with patented bayonet connection made of brass with screw, threaded connector in accordance with EN 10226-1; horizontal and vertical installation is possible; silver-plated filter screen made of stainless steel; automatic time-controlled as well as differential pressure-dependent triggering of backwashing through pressure switch (adjustable differential pressure up to max. 1 bar), manual triggering through button is also possible. With servomotor, electronic controller with function and fault display (light diode and buzzer), backwashing based on point rotation system with simultaneous cleaning of the inspection bell, including plug-in power supply.

ATP control: as per type AT with additional differential pressure control for backwash start-up (differential adjustable up to 1 bar).

Type	JPF+ -ATP	JPF+ -ATP	JPF+ -ATP	JPF+ -ATP	JPF+ -ATP
Pipe connection	¾"	1"	1¼"	1½"	2"
Flow rate m³/h *	6.7	7.6	8.5	18	22
Installation length mm	180	195	230	252	280
Filtration rate micron	100	100	100	100	100
Dimensions W x D x H mm	133 x 181 x 500	133 x 181 x 500	133 x 181 x 500	158 x 227 x 491	158 x 235 x 491
Order number	8020107	8020108	8020109	8020069	8020073

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss.
Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!



Type JPF+ -ATP ¾" - 1¼"

- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Backwashes automatically**
with timer and pressure differential control
- ✓ **Efficient**
effective backwash thanks to point rotation system
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash

Installation dimensions see page 66.

JUDO PREMIUM LINE DN 65 - 100

Tried and proven PROFI DN 65 - 100

The larger, backwashable JUDO filter with flange connection completes the PROFi range. This filter, designed for higher flow rates represents the pinnacle of JUDO filtration technology. The cast iron, anti-corrosion coated filter base is the main component of this system. Its high precision means there is almost no flow loss during backwash. Larger particles are trapped in the base and never enter the filtration chamber in the first place.

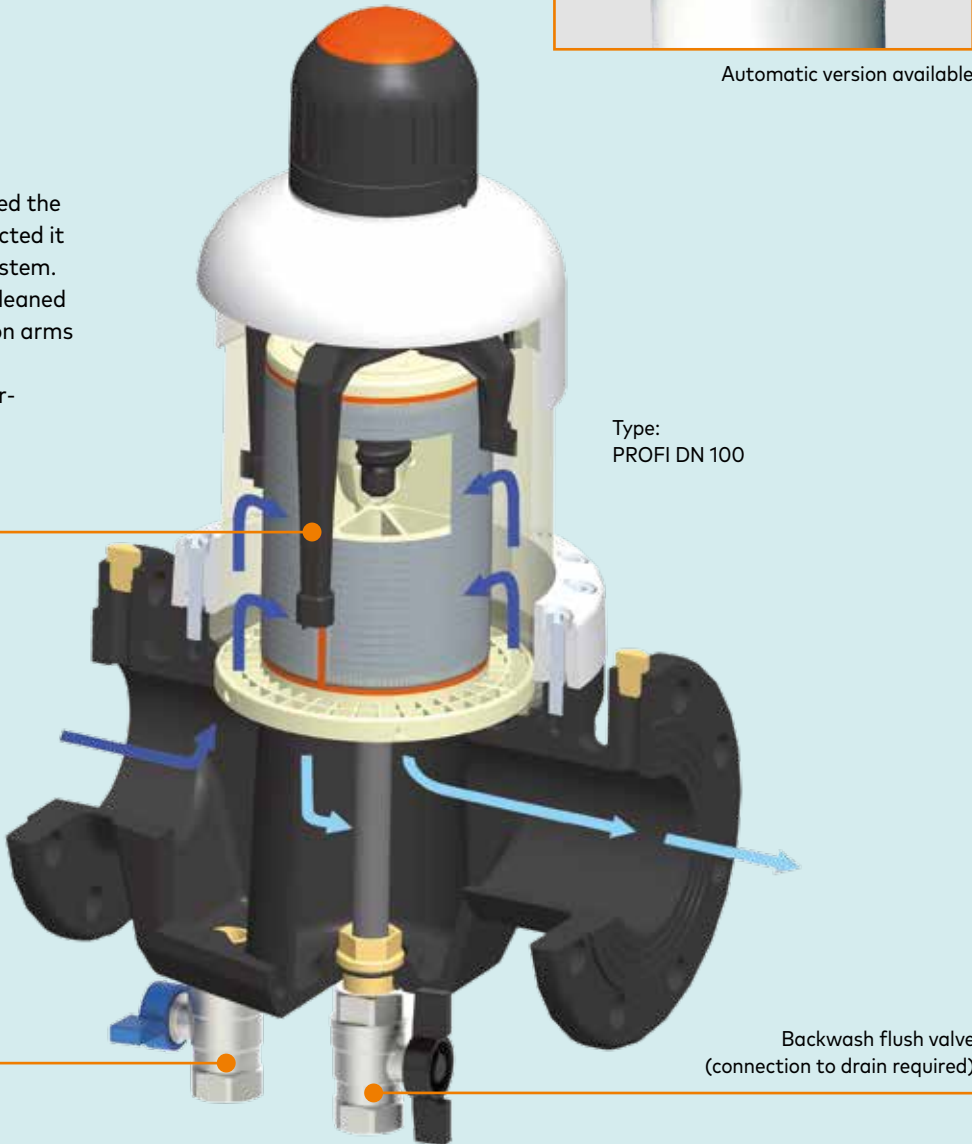


Stainless steel filter with longlife sieve



Automatic version available

Advantages: JUDO not only invented the backwashable filter, but also perfected it with the point-to-point rotation system. This system ensures the screen is cleaned point by point using rotating suction arms fitted on gliders. The water supply is thus never interrupted during the backwash cycle.



Type:
PROFI DN 100

Open the ball valve to flush out larger particles trapped in the unit base.

Backwash flush valve
(connection to drain required)

JUDO PROFi DN 65 - 200

Backwash protective sediment filter

With silver coated, stainless steel filter screen and high-efficiency point rotation system.

For drinking water up to 30 °C
Operating pressure range 1.5 - 10 bar
(JPF DN 65: 1.5 - 16 bar)

Scope of delivery: Filter base made of cast iron, PVC coated for corrosion protection, PN 10 (DN 65 = PN 16). Flange connection to EN 1092-2; silver-plated filter screen made of stainless steel; backwashing using handwheel with the proven point rotation system offering optimal bacterial growth protection and cleaning of filter bell, fitted with two manometer connections.

Type	JPF	JPF	JPF	JPF	JPF	JPF
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
Pipe connection	2½"	3"	4"	5"	6"	8"
Flow rate m³/h *	28	65	78	100	150	200
Installation length mm	240	320	320	560	560	600
Filtration rate micron	100	100	100	100	100	100
Dimensions W x D x H mm	240 x 185 x 513	320 x 231 x 591	320 x 231 x 608	560 x 250 x 643	560 x 474 x 684	600 x 474 x 731
Order number	8010215	8010216	8010217	8290025	8290026	8290027



Type JPF DN 80

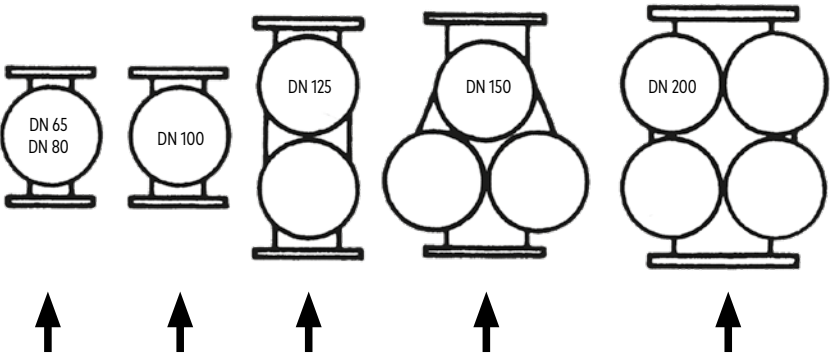


- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Uncomplicated**
easy backwashing
- ✓ **Efficient**
effective backwash thanks to point rotation system
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash


** only for Type JPF DN 65 - 100

Installation dimensions see page 66.


View from top



* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss. Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!



Type JPF-AT DN 65



✓ **Quality assured**
made in Germany

✓ **Reliable protection**
against particle inflow

✓ **Economical**
no expensive and complicated
cartridge changes

✓ **Backwashes automatically**
with timer controlled backwash

✓ **Efficient**
effective backwash thanks to
point rotation system

✓ **Practical**
no interruption to the water
supply during backwash

✓ **Low impact**
no waste cartridges and low
water consumption thanks to
an effective backwash

Installation dimensions see page 67.

JUDO PROFIMAT-AT DN 65 - 100

Automatic backwash protective sediment filter
(time controlled)

With silver coated, stainless steel filter screen
and high-efficiency point rotation system.

For drinking water up to 30 °C
Operating pressure range 1.5 - 10 bar
(JPF-AT DN 65: 1.5 - 16 bar)

Scope of delivery: Filter base made of cast iron, PVC coated for corrosion protection, PN 10. Flange connection to EN 1092-2; silver-plated filter screen made of stainless steel; automatic backwashing using timer control (options: hourly, daily, weekly or monthly) manual start up, incl. drive motor, electronics board and functions/error LEDs. Backwash using the proven point rotation system offering optimal bacterial growth protection and cleaning of filter bell with no interruption to the water supply, fitted with two manometer connections.

Type	JPF-AT	JPF-AT	JPF-AT
Pipe connection	DN 65	DN 80	DN 100
Pipe connection	2½"	3"	4"
Flow rate m³/h *	28	65	78
Installation length mm	240	320	320
Filtration rate micron	100	100	100
Dimensions W x D x H mm	240 x 185 x 577	320 x 231 x 650	320 x 231 x 669
Order number	8307014	8020033	8020034



Made in Germany



Proven quality



Inspection glass



Especially hygienic



Ergonomic handwheel



Very reliable



Filter screen silver-plated



Stable cast iron housing



Especially thorough backwashing

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss. Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!

JUDO PROFIMAT-ATP DN 65 - 200

Automatic backwash protective sediment filter
(time and differential pressure controlled)

With silver coated, stainless steel filter screen
and high-efficiency point rotation system.

For drinking water up to 30 °C
Operating pressure range 1.5 - 10 bar
(JPF-ATP DN 65: 1.5 - 16 bar)


Scope of delivery Type JPF-ATP DN 65 - 100: Filter base made of cast iron, PVC coated for corrosion protection, PN 16. Flange connection to EN 1092-2; silver-plated filter screen made of stainless steel; automatic backwashing using timer (options: hourly, daily, weekly or monthly) and differential pressure switch (adjustable to 1 bar) manual start up, incl. drive motor, electronics board and functions/error LEDs and differential pressure control, backwash using the proven point rotation system offering optimal bacterial growth protection and cleaning of filter bell with no interruption to the water supply.

Scope of delivery Type JPF-ATP DN 125 - 200: Filter base made of high grade cast iron PN 10, PVC coated for corrosion protection; flange connection to EN 1092-2; silver-plated filter screen made of stainless steel; backwashing using the proven point rotation system and cleaning of viewing bell; differential pressure measurement and backwash regulation in a separate control box (230 V/50 Hz) backwash timer and differential pressure controlled, differential pressure settings up to max. 2 bar, incl. potential-free contact for connection to external control system.

Type	JPF-ATP	JPF-ATP	JPF-ATP	JPF-ATP	JPF-ATP	JPF-ATP
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
Pipe connection	2½"	3"	4"	5"	6"	8"
Flow rate m³/h *	28	65	78	100	150	200
Installation length mm	240	320	320	560	560	600
Filtration rate micron	100	100	100	100	100	100
Dimensions W x D x H mm	240 x 185 x 577	320 x 231 x 650	320 x 231 x 669	560 x 250 x 702	560 x 470 x 740	600 x 470 x 781
Order number	8020038	8020039	8020040	8320025	8320026	8320027



Made in Germany




Proven quality




Inspection glass




Especially hygienic




Ergonomic handwheel



Very reliable



Filter screen silver-plated




Stable cast iron housing



Especially thorough backwashing

* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss. Lower flow should be assumed for service water and heavily contaminated water. Professional advice required!



Type JPF-ATP DN 200

✓ **Quality assured**
made in Germany

✓ **Reliable protection**
against particle inflow

✓ **Economical**
no expensive and complicated
cartridge changes

✓ **Automatic backwash**
with timer and pressure
differential control and
external control unit
(Type JPF ATP DN 125 - 200)

✓ **Efficient**
effective backwash thanks to
point rotation system

✓ **Practical**
no interruption to the water
supply during backwash

✓ **Low impact**
no waste cartridges and low
water consumption thanks to
an effective backwash

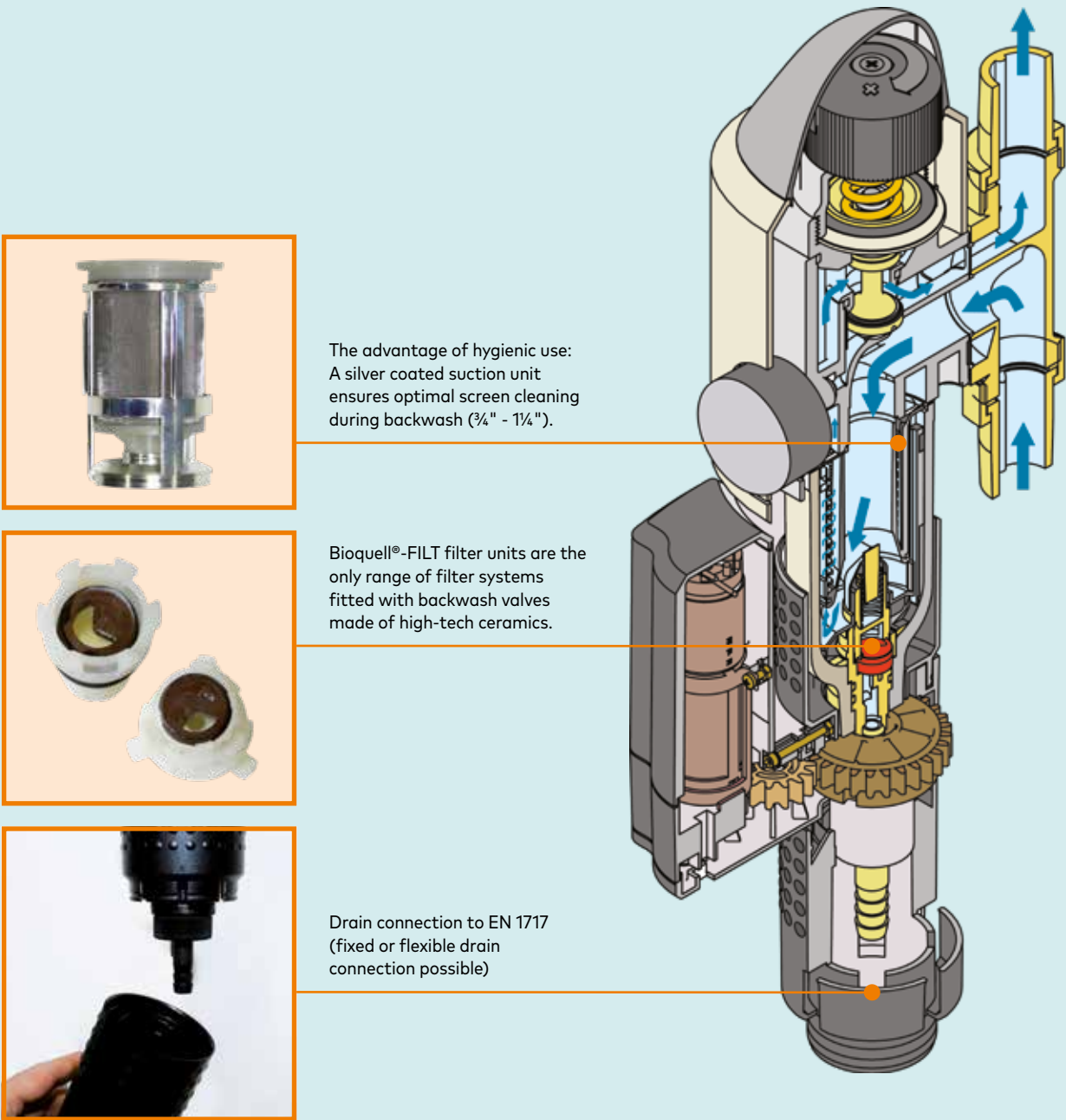
Installation dimensions see page 67.

Today's technology ensuring tomorrow's safety.

The Bioquell®-FILT range.

Small particles, great danger – for all who think ahead.

Drinking water protective filters from the Bioquell®-FILT range offer reliable protection at perfect price-benefit ratio. Unique thanks to patented ceramic technology – as proven millions of times.



The advantage of hygienic use:
A silver coated suction unit
ensures optimal screen cleaning
during backwash (¾" - 1¼").

Bioquell®-FILT filter units are the
only range of filter systems
fitted with backwash valves
made of high-tech ceramics.

Drain connection to EN 1717
(fixed or flexible drain
connection possible)

JUDO Bioquell®-FILT BP ¾" - 2"

Backwash protective sediment filter
with pressure regulation

- With stainless steel filter screen, pressure regulator, backflow preventor (1½" - 2") and ceramic flush valve.
- Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- For drinking water up to 30 °C
Operating pressure range 1.5 - 16 bar

Scope of delivery: Filter housing made of high-quality plastic PN 16; built-in rotary flange with bayonet lock made of brass with screw; threaded connector in accordance with EN 10226-1; stainless steel filter screen; cleaning unit (silver-plated ¾" - 1¼"); large handwheel for backwashing with simultaneous cleaning of the inspection bell (with movable UV protection ¾" - 1¼"). With integrated free outlet discharge and ceramic flush valve with hose connection; pressure manometer; pressure regulator with factory-made pressure adjustment to 4 bar; pressure adjustment range from 1.5 - 6 bar; sound insulated group 1 without cover; cover with integrated backwashing date display.

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
Installation length mm	180	195	230	301	335
Filtration rate micron	100	100	100	100	100
Dimensions W x D x H mm	130 x 155 x 428	130 x 155 x 428	130 x 160 x 428	108 x 212 x 537	108 x 220 x 537
Order number	8170325	8170326	8170327	8170328	8170329

Made in Germany

Pressure regulator

Filter screen made of stainless steel

Proven quality

Inspection glass

Ergonomic handwheel

Backwashing reminder

Very reliable

Horizontal and vertical installation

JUDO FILT-A

Automatic upgrade unit

- 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.

Scope of delivery: For the upgrade of manual Bioquell®-FILT BP filter to automatic backwash units. Timer-controlled automatic backwashing. The filter screen surface is cleaned three times during each backwashing process. Presettable backwash interval (1 day, 1 week, 1 month, 2 months). Including plug-in 230 V/50 Hz power supply. With buffer battery, which ensures that backwashing which has already started is completed even if there is power failure, and test unit for the buffer battery.

Unit may be assembled with manual filter at point of sale to provide a completed automatic filter or retrofitted to upgrade an existing manual Bioquell®-FILT BP unit.

Please note: When upgrading an existing manual Bioquell®-FILT BP unit, direct access to a power supply and drain is required.

Order number	2170666
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* Bioquell®-FILT BP 1½" - 2": with non return valve
** To EN 1567 for drinking water on a clean screen.
Installation dimensions see page 67.



Type Bioquell®-FILT BP ¾" - 1¼"



- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Uncomplicated**
easy backwashing
- ✓ **Effective backwash**
thanks to ceramic disk technology
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash
- ✓ **Clean**
UV protective cover cap ¾" - 1¼"



Type FILT-A (Automatic upgrade kit)

- ✓ **Compact upgrade kit**
- ✓ **Also suitable for retrofitting**
- ✓ **Easy installation**



Type Bioquell®-FILT B ¾" - 1¼"



- ✓ **Quality assured**
made in Germany
- ✓ **Reliable protection**
against particle inflow
- ✓ **Economical**
no expensive and complicated cartridge changes
- ✓ **Uncomplicated**
ease of backwashing
- ✓ **Effective backwash**
thanks to ceramic disk technology
- ✓ **Practical**
no interruption to the water supply during backwash
- ✓ **Low impact**
no waste cartridges and low water consumption thanks to an effective backwash
- ✓ **Clean**
UV protective cover cap ¾" - 1¼"



Type FILT-A (Automatic upgrade kit)

- ✓ **Compact upgrade kit**
- ✓ **Also suitable for retrofitting**
- ✓ **Easy installation**

JUDO Bioquell®-FILT B ¾" - 2"

Backwash protective sediment filter

- + With stainless steel filter screen, backwash unit, ceramic flush valve, integrated backwash reminder.
- For drinking water up to 30 °C
Operating pressure range 1.5 - 16 bar

Scope of delivery: Filter housing made of high-quality plastic (PN 16); screws made of brass, threaded connector in accordance with EN 10226-1; stainless steel filter screen; cleaning unit (silver-plated ¾" - 1¼"); large handwheel for backwashing with simultaneous cleaning of the inspection bell (with movable UV protection ¾" - 1¼"). With integrated free outlet discharge and ceramic flush valve with hose connection as well as cover with integrated backwash date display.

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
Installation length mm	180	195	230	252	280
Filtration rate micron	100	100	100	100	100
Dimensions W x D x H mm	180 x 115 x 386	195 x 115 x 386	230 x 115 x 386	252 x 114 x 369	280 x 114 x 384
Order number	8070710	8070711	8070712	8070713	8070714

Made in Germany

Filter screen made of stainless steel

Proven quality

Inspection glass

Ergonomic handwheel

Back-washing reminder

Very reliable

JUDO FILT-A

Automatic upgrade unit

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

Scope of delivery: For the upgrade of manual Bioquell®-FILT B filter to automatic backwash units. Timer-controlled automatic backwashing. The filter screen surface is cleaned three times during each backwashing process. Presettable backwash interval (1 day, 1 week, 1 month, 2 months). Including plug-in 230 V/50 Hz power supply. With buffer battery, which ensures that backwashing which has already started is completed even if there is power failure, and test unit for the buffer battery.

Unit may be assembled with manual filter at point of sale to provide a completed automatic filter or retrofitted to upgrade an existing manual Bioquell®-FILT B unit.

Please note: When upgrading an existing manual Bioquell®-FILT B unit, direct access to a power supply and drain is required.

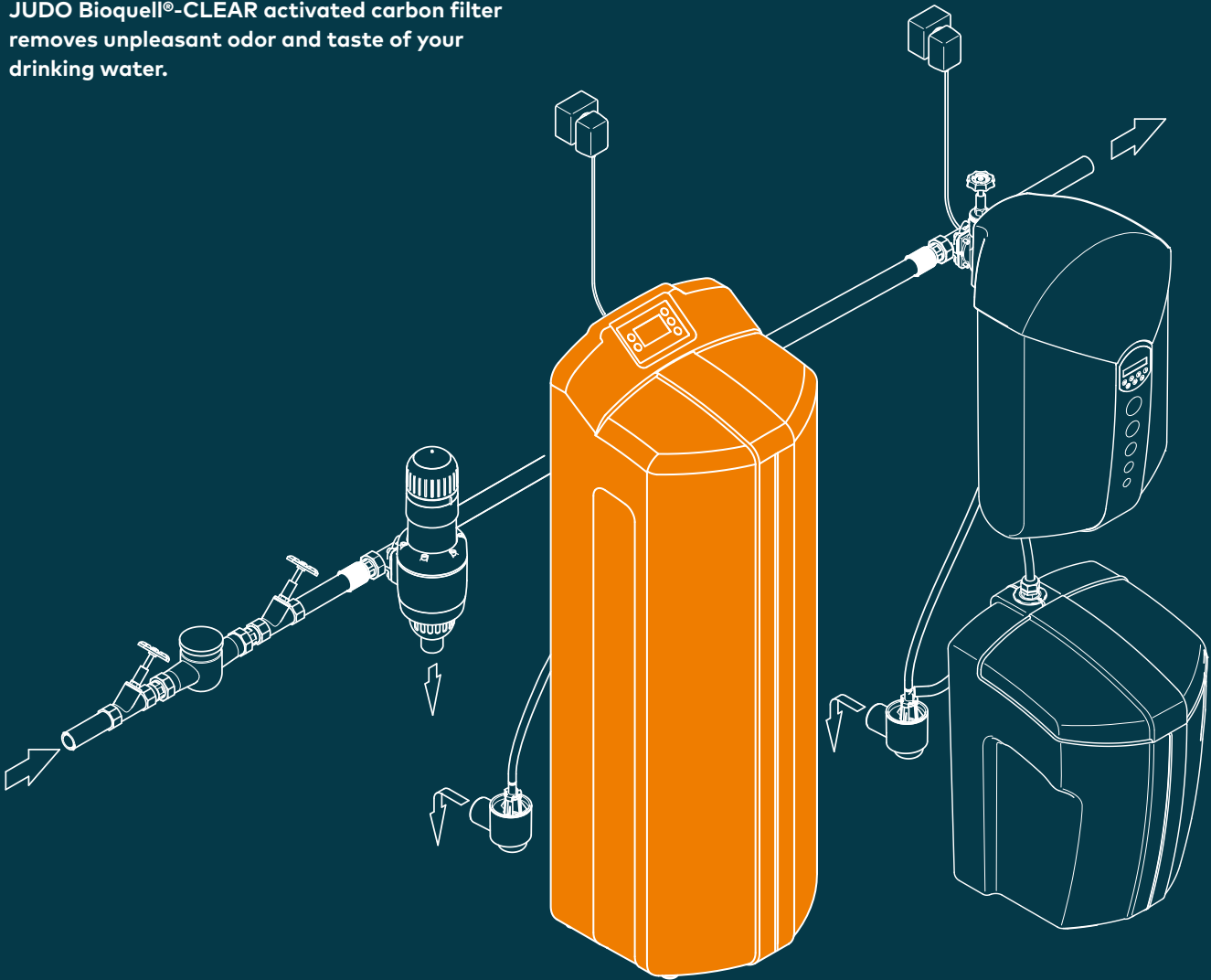
Order number	2170666
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* Flow rate for drinking water with cleaned screen at 0.5 bar pressure loss. Installation dimensions see page 67.

Bioquell®-CLEAR

Activated carbon filter

JUDO Bioquell®-CLEAR activated carbon filter removes unpleasant odor and taste of your drinking water.



Purify your drinking water

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.

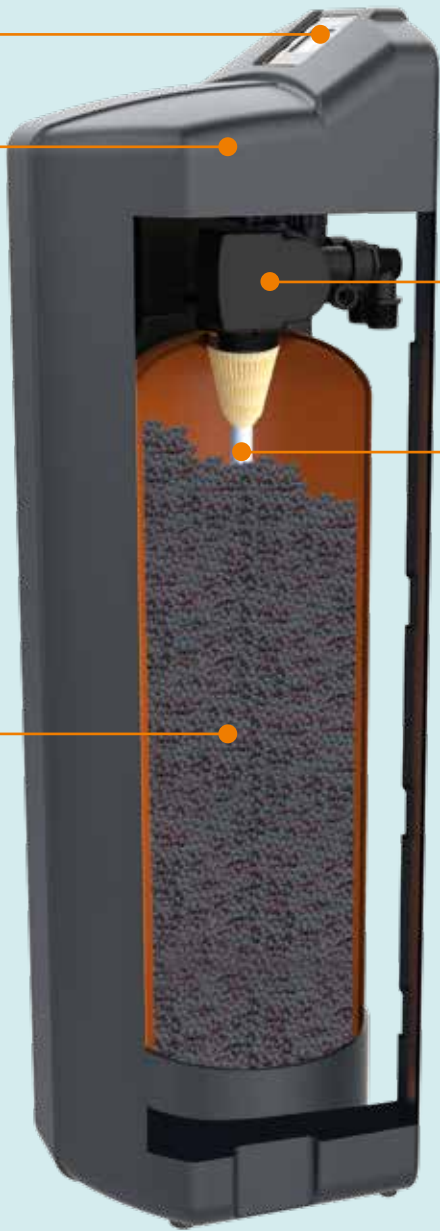
Large display for easy monitoring

Removable covers for easy maintenance

Control valve for larger flow volumes

Riser tube with KDF

High grade activated carbon



JUDO Bioquell®-CLEAR

The home water purifier

Stable plastic housing, proven quality, automatic and manual backwash, very reliable

Scope of delivery: Filter container in fibreglass-reinforced polyester filled with high-grade activated carbon, upper and lower injectors and tubing filled with KDF, and robust and well-formed casing. Display and electronic controls for operation, backwash, status report and manual backwash start-up. Removable covers for easy maintenance (Bioquell®-CLEAR 150/250).

Note: For hygienic reasons, the activated carbon should be replaced every 6 months.

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

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



Made in Germany



Stable plastic housing



Proven quality



Automatic and manual Backwash



Very reliable

Type	Bioquell®-CLEAR 150	Bioquell®-CLEAR 250
Pipe connection Inch	¾"	1"
Flow rate m³/h	1.5	2.5
Active carbon quantity l	20	30
Operating pressure bar	1.5 - 8	1.5 - 8
Max. water temperature °C	40	40
Dimensions W x D x H mm	400 x 387 x 1.200	400 x 387 x 1.200
Order number	8200387	8200388

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



Made in Germany



Stable plastic housing



Proven quality



Automatic and manual Backwash



Very reliable



Type Bioquell®-CLEAR 75



Type Bioquell®-CLEAR 250

- ✓ **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)**

Installation dimensions see page 68.



FOR EVERY DEMAND THE RIGHT WATER

at any time

With JUDO, you can take the term "MyWater" literally. With the i-soft water softeners, as well as the new floor-standing i-soft PRO and i-soft K water softeners, the hardness of the water can be adjusted as desired – on the device. Our systems adapt fully automatically and set the specified hardness independently. For this purpose, they have a specially developed intelligent water management system. The advantages of softened water: it ensures enjoyment when bathing and showering, protects pipes from deposits and reduces cleaning effort as well as costs. A softening system from JUDO is therefore not only a highlight in the utility room or basement, but also a real investment in terms of comfort and energy efficiency.



8.00 a.m.
Showers
approx. 5 °dH



10.00 a.m.
Washing
approx. 1 °dH



6.00 p.m.
Garden
water



The new generation of floor-standing softeners

This year, JUDO is expanding its proven softener programme with new floor-standing units. On the one hand, these score points with their compact and attractive design, but on the other hand, they also impress with the proven JUDO technology. For example, with constant soft water quality around the clock. The units are particularly suitable where space is tight and limited.

Proven dual chamber systems

The tried and tested dual chamber units are of course still part of the versatile JUDO product portfolio. The dual chamber units can be installed flexibly and offer many technical advantages. More about this on the following pages.

Enjoy "MyWater" with all your senses – and control it with one finger.

Select the water quality specifically for each application using adjustable or fixed water scenes. From watering the garden with hard water to taking a bath in dreamy soft water of your choice.

Own "MyWater" scenes

For the first time, the i-soft PRO offers the possibility to create your own water scenes. This allows the system to adapt even better to the habits of the user.

Optimised resource consumption

With the help of sensors and complex algorithms, the i-soft PRO softener independently detects the exact amount of regenerant and precisely determines the brine concentration. The system is also particularly resource-efficient in terms of energy costs and water consumption.

figawa satisfaction survey confirms use of softeners

An important component of the study, which was accompanied by the Fraunhofer Institute among others, was a satisfaction analysis conducted according to scientific standards. The conclusion: 79% of those surveyed would buy a water softener again and 78% would clearly recommend it to friends and acquaintances. A clear plus for water softeners.

The new Generation
K softeners.



Type	JUDO i-soft PRO	JUDO i-soft K	JUDO SOFTwell KP	JUDO SOFTwell KS	JUDO SOFTwell KP MEGA 4		JUDO SOFTwell KP MEGA 6	
Number of bathrooms *	1 - 5	1 - 5	1 - 4	1	3 - 6		7 - 15	
Salt consumption per regeneration	approx. 0.2 -0.7 ** kg	approx. 0.2 kg	approx. 0.18 kg	approx. 0.09 kg	approx. 0.18 kg		approx. 0.18 kg	
Flush volume per regeneration	approx. 39-50 ** litres	approx. 25 litres	approx. 25 litres	approx. 12.5 litres	approx. 25 litres		approx. 25 litres	
Pipe connection	1"	1"	1"	1"	1¼"		1½"	
Flow rate m³/h	2.6	2.0	1.8	1.2	3.6		5.0	
Fully automatic customised water	✓	✓	-	-	-		-	
Soft water round the clock	✓	✓	✓	✓	✓		✓	
Display screen	✓	✓	✓	✓	✓		✓	
Leakage warning	✓	✓	-	-	-		-	
Leakage protection	✓	-	-	-	-		-	
Duplex parallel technology	✓	✓	✓	-	✓		✓	
Automatic disinfection	✓	✓	✓	✓	✓		✓	
See pages	40	43	44	45	46		47	

* Raw water hardness < 3.5 mmol/l (< 350 ppm CaCO₃) and 3 people per apartment
** adaptive regeneration

All data is indicative at 4 bar pressure.

Softened water gives a sense of wellbeing with a plus.

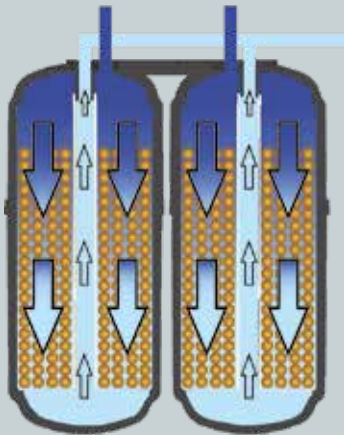


How the units operate:
Duplex Parallel Unit



The units are double chamber, flow controlled softening units, whereby water is divided between the chambers and softened using ion exchange in both chambers at the same time. When a regeneration is required, the whole water supply is fed into one chamber to be softened whilst the other chamber is regenerated. The same process is then carried out on the second chamber whilst the first softens water. When the entire regeneration cycle is completed (approx. 15 minutes) water is then softened in parallel in both chambers again. The process ensures a constant and ongoing supply of softened water even during the regeneration cycle.

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



Type	JUDO i-soft@home	JUDO i-soft@home 5	JUDO i-soft@home 7.5	JUDO QUICKSOFT-P	JUDO QUICKSOFT-P MEGA
Number of bathrooms *	1 - 2	3 - 6	7 - 15	1 - 2	3 - 6
Salt consumption per regeneration	approx. 0.20 kg	approx. 0.20 kg	approx. 0.20 kg	approx. 0.19 kg	approx. 0.19 kg
Flush volume per regeneration	approx. 25 litres	approx. 25 litres	approx. 25 litres	approx. 25 litres	approx. 25 litres
Pipe connection	1"	1¼"	1½"	1"	1¼"
Flow rate m³/h	2.0	3.8	5.4	1.8	3.6
Fully automatic customised water	✓	✓	✓	-	-
Soft water round the clock	✓	✓	✓	✓	✓
Display screen	✓	✓	✓	✓	✓
Leakage warning	✓	-	-	-	-
Duplex parallel technology	✓	✓	✓	✓	✓
Automatic disinfection	✓	✓	✓	✓	✓
See pages	52	52	52	56	56

* Raw water hardness < 3.5 mmol/l (< 350 ppm CaCO₃) and 3 people per apartment

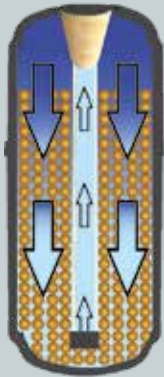
All data is indicative at 4 bar pressure.

The Bioquell®-SOFT range

How the units operate:
Single 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.



Type	JUDO Bioquell®-SOFT 15	JUDO Bioquell®-SOFT 40	JUDO Bioquell®-SOFT 65	JUDO Bioquell®-SOFT 100
Number of bathrooms *	1	1 - 2	1 - 2	2 - 3
Salt consumption per regeneration	approx. 0.3 kg	approx. 1.0 kg	approx. 1.6 kg	approx. 2.4 kg
Flush volume per regeneration	approx. 50 litres	approx. 80 litres	approx. 110 litres	approx. 170 litres
Pipe connection	3/4"	3/4"	1"	1"
Flow rates m³/h	0.75	1.5	2.0	2.5
Display screen	✓	✓	✓	✓
Single technology	✓	✓	✓	✓
See pages	60	60	61	61

* Raw water hardness < 3.5 mmol/l (<350 ppm CaCO₃) and 3 people per apartment

All data is indicative at 4 bar pressure.



THE HIGHLIGHT

of softening

With the new JUDO i-soft PRO water softener, you not only get the soft water you want, but also a device in which intuitive operation, functionality and design merge into a single unit. In short: the future of softening.

The JUDO i-soft PRO is a compact, floor-standing softener with a specially developed user experience. It underlines the high value, emphasises the innovative user guidance and reflects the special product quality.



Intuitive operation

The particularly simple and intuitive user interface makes operating the softener a positive experience. To ensure this, JUDO has developed a completely new user experience (UX) concept. For example, with the quick-start mode, the system can be completely installed in just a few clicks. The entire menu navigation is designed to be particularly intuitive. The display is slanted to ensure excellent readability. The high-quality glass surface is also particularly easy to clean. The floor-standing cabinet offers an optimal operating height. The user can change the desired water quality, control important functions and call up information anywhere and at any time.

Uniquely smart: MSID-Mega Status Indication Display with Wake-Up Sensor

When the user enters the cellar room, the MSID-Mega Status Indication Display with Wake-Up Sensor on the front of the system switches on automatically. When approached, it intuitively displays the operating status, warning and fault messages, a water flow rate and the currently measured salt level.

Resource and energy consumption

The i-soft PRO softener also offers completely new possibilities in terms of energy and salt consumption. With the help of sensors and complex algorithms, the exact amount of salt is recorded and the brine concentration is precisely determined. Together with the continuous measurement, adaptive capacity control is made possible. This is done by evaluating consumption habits and controlling the amount of brine used. The capacity is automatically increased or reduced depending on consumption, to achieve optimal intervals between two regenerations. The user benefits from optimised salt consumption as well as intelligent and flexible regeneration. The unit independently evaluates the water consumption and can adjust the regulation of the regeneration time. At the same time, only exactly as much regeneration agent and rinse water is used as the incoming, measured water quality actually requires.

Simple installation and commissioning

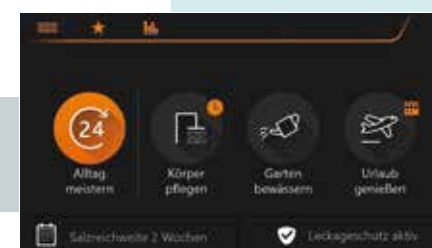
The system also scores points with its particularly simple installation and commissioning. It can be conveniently connected to any water pipe height and is set up in just a few minutes with the optional quick-start mode. Another plus: the digital operating diary. Water and salt consumption are stored on an SD card. The data can then be easily transferred to a USB stick.

"MyWater" scenes

There is no one water hardness for all applications. That is why JUDO offers "MyWater" scenes. Brand new with the i-soft PRO: The user can create his own "MyWater" scenes. This allows the system to adapt even better to the habits and preferences of the user.

Safety included

The i-soft PRO softener has integrated leakage protection including micro-leakage detection. The system recognises even low water consumption and simply shuts off the pipe if the worst comes to the worst. The floor sensors provide additional safety by detecting wetness on the floor and then trigger the closing of the water stop. The safety module is integrated as standard in the i-soft PRO. It contains an emergency power supply that maintains all important system functions for several hours in the event of a power failure. Even the micro-leakage protection and connected leakage sensors remain fully functional. Even if a lifting station is installed in the house, the safety module in combination with a JUDO floor sensor ensures optimum protection against water damage.



Via "MyWater" scenes, such as for example "Mastering everyday life", "Caring for the body", "Watering the garden" or "Enjoying a holiday", the user can adjust the water hardness to the respective situation.



Frequently used desired water scenes can be as favourites. For example, the favourite water scenes "Mastering everyday life", "Filling the pool", "Filling the heating" or "Washing the laundry".



The user can call up important operating data at any time. For example, water consumption - in daily, weekly, monthly or annual view.



Type i-soft PRO



- ✓ **Measures and regulates,** automatically recognises fluctuations in incoming hardness and adjusts for optimal performance, unique worldwide
- ✓ **Softened water round the clock.** Dual chamber softening in parallel
- ✓ **Leakage protection with micro-leakage detection and automatic shut-off**
- ✓ **Safe in case of power failure**
Patented safety module guarantees safe operating state and leakage protection functionality for several hours
- ✓ **Intelligent**
Unit recognises consumption habits and adjusts automatically to individual needs
- ✓ **MSID-Mega Status Indication Display with Wake-Up Sensor**
intuitively shows the operating status, warning and fault messages, a water flow rate and the currently measured salt level.
- ✓ **Economical use**
of the regeneration agent thanks to patented i-salt management

Installation dimensions see page 68.



JUDO i-soft PRO

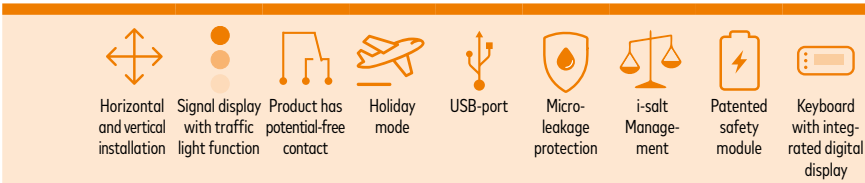
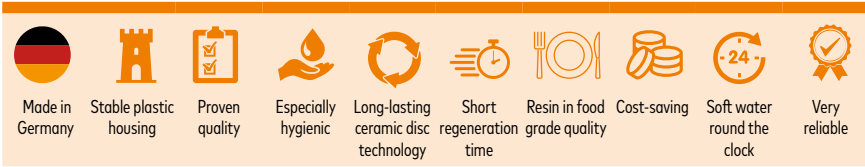
Fully automatic water softener with micro-leakage protection

- + Protects from scale deposits and offers water comfort.
- ↕ Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- 💧 For drinking water up to 30 °C
Operating pressure range 1,5 - 7 bar

Scope of delivery: Awarded several design prizes, floor-standing softening system in parallel technology. Consisting of: an elegant plastic housing with high-gloss surfaces to accommodate glass-fibre-reinforced tanks (PN 10) filled with food-grade ion exchange resin; designed for optimum water distribution and minimisation of pressure loss and regenerant expenditure; integrated salt dissolving and storage tank with continuous brine supply; at its heart is i-salt, a unique patented continuous weight measurement system with sensors for precise recording of salt supply, brine concentration and actual regenerant use; Container cover with high-quality glass surface (toughened safety glass), soft-close function and generous regeneration agent filling opening; with i-guard sensor for recording drinking water quality; i-matic blended water control, for constant desired water hardness even with fluctuating input hardness, no manual hardness measurements or adjustment of desired water hardness required; adaptive regeneration with automatic adjustment of system capacity to individual consumption habits; forced regeneration after no more than 72 hours at the latest and system hygienisation by means of built-in disinfection device with platinum-plated titanium electrodes; with i-safe+ leakage protection system (according to DIN 3553) with automatically or manually triggered micro-leakage detection; automatic leakage warning or shut-off of the water pipe if individually preselectable limit values (max. water quantity, max. water flow and max. withdrawal time) and micro-leakage detection; connection option for up to 10 floor sensors; unit control with HD touch display and directional user experience (UX) for particularly intuitive operation; API interface for integration into local Smart Home systems, and functions such as the creation of individual desired water scenes or actuation of the i-safe+ shut-off valve, potential-free fault indication; USB connection; colour MSID-Mega status indication display with wake-up sensor; integrated, battery-buffered, patented safety module, which guarantees the safe operating status as well as the leakage protection functionality even in the event of a power failure lasting several hours; including connection hoses and bypass valve; built-in rotary flange with bayonet connection made of brass with screw connections and installation cover; including siphon for standard-compliant connection to the waste water system according to DIN EN 1717 and DIN 1988-100; plug-in power supply unit 230 V/50 Hz.

Type	i-soft PRO
Pipe connection	1"
Nominal flow rate according to DIN EN 14743 and pressure loss 1 bar m³/h	2.6
Nominal flow with hardness reduction from 360 ppm (CaCO₃) to 140 ppm (CaCO₃) m³/h	4.3
Installation length mm	195
Salt supply tank content kg	32
Order number	8203710

Accessories	Order number
JUDO floor sensor for i-soft PRO, incl. connection cable 2 metres.	8203561
JUDO floor sensor extension set Incl. connection cable 2 metres and branch plug (max. 9 pieces).	8203556
JUDO extension cable 2 metres for JUDO floor sensor.	8203551
JUDO extension cable 5 metres for JUDO floor sensor.	8203552
JUDO extension cable 10 metres for JUDO floor sensor.	8203553



The new generation of floor-standing JUDO softeners: Maximum comfort in the smallest space



SPACE-
SAVING.
FLEXIBLE
INSTALLATION
SMART.



JUDO i-soft PRO



JUDO i-soft K



JUDO SOFTwell KP / KS





FLOOR-STANDING, SMART, ELEGANT, FLEXIBEL

The i-soft K and SOFTwell KP / KS water softeners

With the new floor-standing water softeners, you can expect two true miracles of space. They are easy to set up even when space is limited. In addition, the units can also be mounted on the wall (with accessories) or under the worktop.

The proven JUDO technology is installed in a small space. The units not only offer an attractive design, but also, among other things, 24-hour water on demand with intelligent water management.

JUDO i-soft K

Fully automatic water softening unit

- + Protects from scale deposits and offers water comfort.
- Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery: Floor-standing or wall-mounted (wall bracket order no. 2202274 required) softening system in parallel technology, consisting of plastic housing with glossy surfaces to accommodate glass-fibre reinforced tanks (PN 10) filled with food-grade ion exchange resin for optimum water distribution and minimisation of pressure loss and regeneration agent expenditure; integrated salt dissolving and storage tank with continuous brine supply and level monitoring; tank cover with high-quality surface, soft-close function and practical regeneration agent filling opening; with i-guard sensor in the water inlet for recording the drinking water quality; i-matic blend water control, for constant desired water hardness even with fluctuating input hardness; no manual hardness measurements or adjustment of the desired water hardness required; wear-free ceramic disc technology, proven hundreds of thousands of times, for lifelong programmed operating sequences; forced regeneration after 72 hours at the latest and system hygiene through built-in disinfection device with platinum-plated titanium electrodes; with leakage warning system, for warning signal when individually preselectable limit values are exceeded (max. water quantity, max. water flow and max. withdrawal time); control electronics with touch-sensitive keypad and multi-line LCD display for operation, regeneration, residual hardness, 2-stage salt deficiency display, coloured status light display, as well as manual regeneration triggering and setting of the leakage warning function; potential-free fault indication; shut-off valve; including QUICKSET-U quick installation kit with bypass valve and screw connections, for connection to the pipe and hose connections for connection to the softener; including flexible DVGW-tested connection hoses and siphon for standard-compliant connection to the wastewater system according to DIN EN 1717 and DIN 1988-100; plug-in power supply unit 230 V/50 Hz.

Type	i-soft K
Pipe connection	1"
Flow rate m³/h	2
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	3.3
Peak flow m³/h	3.5
Installation length mm	195
Salt supply tank content kg	25
Order number	8203527

Accessories	Order number
JUDO wall bracket made of stainless steel (V2A) with mounting material for i-soft K and SOFTwell KP.	2202274
JUDO cable for external fault signal, length 10 metres.	2200717

Made in Germany

Stable plastic housing

Proven quality

Especially hygienic

Long-lasting ceramic disc technology

Short regeneration time

Resin in food grade quality

Cost-saving

Soft water round the clock

Very reliable

Horizontal and vertical installation


Signal display with traffic light function

Product has potential-free contact

Holiday mode

Leakage warning

Keyboard with integrated digital display




1-5

Type i-soft K

- ✓ Measures and regulates, automatically recognises fluctuations in incoming hardness and adjusts for optimal performance, unique worldwide
- ✓ Softened water round the clock. Dual chamber softening in parallel
- ✓ Optimal unit hygiene, stagnation-free, forced flow, automatic disinfection
- ✓ Leakage warning
- ✓ Signal display
- ✓ Siphon included
- ✓ Can also be used as a wall unit
Wall console available as accessory

Installation dimensions see page 68.



1-4

Type SOFTwell KP

- ✓ **Softened water round the clock.**
Dual chamber softening in parallel
- ✓ **Optimal unit hygiene,**
stagnation-free, forced flow, automatic disinfection
- ✓ **Signal display**
- ✓ **Siphon included**
- ✓ **Can also be used as a wall unit**
Wall console available as accessory

Installation dimensions see page 69.

JUDO SOFTwell KP

Water softening unit

- + Protects from scale deposits and offers water comfort.
- + Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- + For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery: Floor-standing or wall-mounted (wall bracket order no. 2202274 required) softening system in parallel technology, consisting of plastic housing with glossy surfaces to accommodate glass-fibre reinforced tanks (PN 10) filled with food-grade ion exchange resin for optimum water distribution and minimisation of pressure loss and regeneration agent expenditure; integrated salt dissolving and storage tank with continuous brine supply as well as level monitoring; tank cover with high-quality surface, soft-close function and practical regeneration agent filling opening; wear-free ceramic disc technology, proven hundreds of thousands of times, for lifelong programmed operating sequences; Forced regeneration after 96 hours at the latest and system hygiene through built-in disinfection device with platinum-plated titanium electrodes; control electronics with touch-sensitive keyboard and multi-line LCD display for operation, regeneration, salt shortage, coloured status light display, as well as manual regeneration triggering; potential-free fault signal; including QUICKSET-U quick-mounting kit with bypass valve and screw connections, for connection to the pipe and hose connections for connection to the softener; including flexible DVGW-tested connection hoses and siphon for standard-compliant connection to the wastewater system according to DIN EN 1717 and DIN 1988-100, as well as a hardness measuring set; plug-in power supply unit 230 V/50 Hz.

Type	SOFTwell KP
Pipe connection	1"
Flow rate m³/h	1.8
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	3
Peak flow m³/h	3.5
Installation length mm	195
Salt supply tank content kg	25
Salt use for each m³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4
Order number	8203528

Accessories	Order number
JUDO wall bracket made of stainless steel (V2A) with mounting material for i-soft K and SOFTwell KP.	2202274
JUDO cable For external fault signal, length 10 metres.	2200717



Made in Germany



Stable plastic housing



Proven quality



Especially hygienic



Long-lasting ceramic disc technology




Short regeneration time




Resin in food grade quality




Cost-saving




Soft water round the clock




Very reliable




Horizontal and vertical installation




Signal display with traffic light function



Product has potential-free contact



Holiday mode



Keyboard with integrated digital display

JUDO SOFTwell KS

Water softening unit

- + Protects from scale deposits and offers water comfort.
- + Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- + For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery: Floor-standing or wall-mounted (wall bracket order no. 2202274 required) softening system in parallel technology, consisting of plastic housing with glossy surfaces to accommodate glass-fibre reinforced tanks (PN 10) filled with food-grade ion exchange resin for optimum water distribution and minimisation of pressure loss and regeneration agent expenditure; integrated salt dissolving and storage tank with continuous brine supply as well as level monitoring; tank cover with high-quality surface, soft-close function and practical regeneration agent filling opening; wear-free ceramic disc technology, proven hundreds of thousands of times, for lifelong programmed operating sequences; Forced regeneration after 96 hours at the latest and system hygiene through built-in disinfection device with platinum-plated titanium electrodes; control electronics with touch-sensitive keyboard and multi-line LCD display for operation, regeneration, salt shortage, coloured status light display, as well as manual regeneration triggering; potential-free fault signal; including QUICKSET-U quick-mounting kit with bypass valve and screw connections, for connection to the pipe and hose connections for connection to the softener; including flexible DVGW-tested connection hoses and siphon for standard-compliant connection to the wastewater system according to DIN EN 1717 and DIN 1988-100, as well as a hardness measuring set; plug-in power supply unit 230 V/50 Hz.

Type	SOFTwell KS
Pipe connection	1"
Flow rate m³/h	1.2
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	3
Peak flow m³/h	3.5
Installation length mm	195
Salt supply tank content kg	25
Salt use for each m³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4
Order number	8203529

Accessories	Order number
JUDO wall bracket made of stainless steel (V2A) with mounting material for i-soft K and SOFTwell KP.	2202274
JUDO cable For external fault signal, length 10 metres.	2200717



Made in Germany



Stable plastic housing



Proven quality



Especially hygienic



Long-lasting ceramic disc technology




Short regeneration time




Resin in food grade quality




Cost-saving




Soft water round the clock




Very reliable




Horizontal and vertical installation




Signal display with traffic light function




Product has potential-free contact



Holiday mode



Keyboard with integrated digital display





1

Type SOFTwell KS


- ✓ **Softened water round the clock.**
Ultra fast regeneration
- ✓ **Optimal unit hygiene,**
stagnation-free, forced flow, automatic disinfection
- ✓ **Signal display**
- ✓ **Siphon included**
- ✓ **Can also be used as a wall unit**
Wall console available as accessory

Installation dimensions see page 69.





Type SOFTwell KP MEGA 4



Model
SOFTwell KP

✓ Softened water round the clock.
Multi chamber softening in parallel

✓ Optimal unit hygiene, stagnation-free, forced flow, automatic disinfection


✓ Signal display


✓ Siphon included


Installation dimensions see page 69.

JUDO SOFTwell KP MEGA 4

Water softening unit

- 

Protects from scale deposits and offers water comfort.
- 

Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- 


For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery: System consisting of a parallel water manifold for two softener modules, including common bypass valve, flexible DVGW-tested connection hoses, built-in rotary flange with bayonet connection made of brass with screw connections and installation cover; including siphons for standard-compliant connection to the waste water system according to DIN EN 1717 and DIN 1988-100 as well as a hardness measuring set; plug-in power supply 230 V/50 Hz. Softener module consisting of: glass-fibre reinforced tanks (PN 10) filled with food-grade ion exchange resin for optimum water distribution and minimisation of pressure loss and regeneration agent expenditure; integrated salt and brine container with softclose lid with quantity-dependent control; wear-free ceramic disc technology, proven hundreds of thousands of times, for lifelong programmed operating sequences; control electronics with membrane keypad and multi-line LCD display for operation, regeneration and salt deficiency; coloured status light display (signal display); additional manual regeneration triggering and potential-free fault signal; forced regeneration after 72 hours at the latest and system hygienisation by means of built-in disinfection device with platinum-plated titanium electrodes; integrated salt dissolving and storage tank with continuous brine supply and integrated level monitoring and softclose lid; connection to main unit is uncomplicated with lance technology.


Type	SOFTwell KP MEGA 4
Pipe connection	1¼"
Flow rate m³/h	3.6
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	4,5
Installation length mm	230
Salt supply tank content kg	100
Salt use for each m³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4
Order number	8204020

Resources	Order number
JUDO regenerating salt in tablet form. According to DIN EN 973, 25 kg each.	8839101


Accessories	Order number
JUDO cable For external fault signal, length 10 metres.	2200717




Made in Germany




Stable plastic housing




Proven quality




Especially hygienic




Long-lasting ceramic disc technology




Short regeneration time




Resin in food grade quality




Cost-saving




Soft water round the clock




Very reliable




Horizontal and vertical installation




Signal display with traffic light function



Product has potential-free contact




Holiday mode





Keyboard with integrated digital display

JUDO SOFTwell KP MEGA 6

Water softening unit

- 

Protects from scale deposits and offers water comfort.
- 

Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- 


For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery: System consisting of a parallel water manifold for three softener modules, including bypass valves, flexible DVGW-tested connection hoses, built-in rotary flange with brass bayonet connection with screw connections and mounting cover; including siphons for standard-compliant connection to the waste water system according to DIN EN 1717 and DIN 1988-100 as well as a hardness measuring set; plug-in power supply units 230 V/50 Hz. Softener module consisting of: glass-fibre reinforced tanks (PN 10) filled with food-grade ion exchange resin for optimum water distribution and minimisation of pressure loss and regeneration agent expenditure; with quantity-dependent control; wear-free ceramic disc technology, tried and tested hundreds of thousands of times, for lifelong programmed operating sequences; control electronics with foil keyboard and multiline Control electronics with foil keyboard and multi-line LCD display for operation, regeneration and salt shortage; coloured status light display (signal display); additional manual regeneration triggering and potential-free fault signal; forced regeneration after 72 hours at the latest and system hygienisation by means of built-in disinfection device with platinised titanium electrodes; integrated salt dissolving and storage tank with continuous brine supply and integrated level monitoring and softclose lid; connection to the main unit is uncomplicated with lance technology.


Type	SOFTwell KP MEGA 6
Pipe connection	1½"
Flow rate m³/h	5.0
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	6
Installation length mm	306
Salt supply tank content kg	150
Salt use for each m³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4
Order number	8204021

Resources	Order number
JUDO regenerating salt in tablet form. According to DIN EN 973, 25 kg each.	8839101


Accessories	Order number
JUDO cable For external fault signal, length 10 metres.	2200717




Made in Germany




Stable plastic housing




Proven quality




Especially hygienic




Long-lasting ceramic disc technology




Short regeneration time




Resin in food grade quality




Cost-saving




Soft water round the clock




Very reliable




Horizontal and vertical installation




Signal display with traffic light function




Product has potential-free contact




Holiday mode




Keyboard with integrated digital display





Type SOFTwell KP MEGA 6



Model
SOFTwell KP

✓ Softened water round the clock.
Multi chamber softening in parallel

✓ Optimal unit hygiene, stagnation-free, forced flow, automatic disinfection

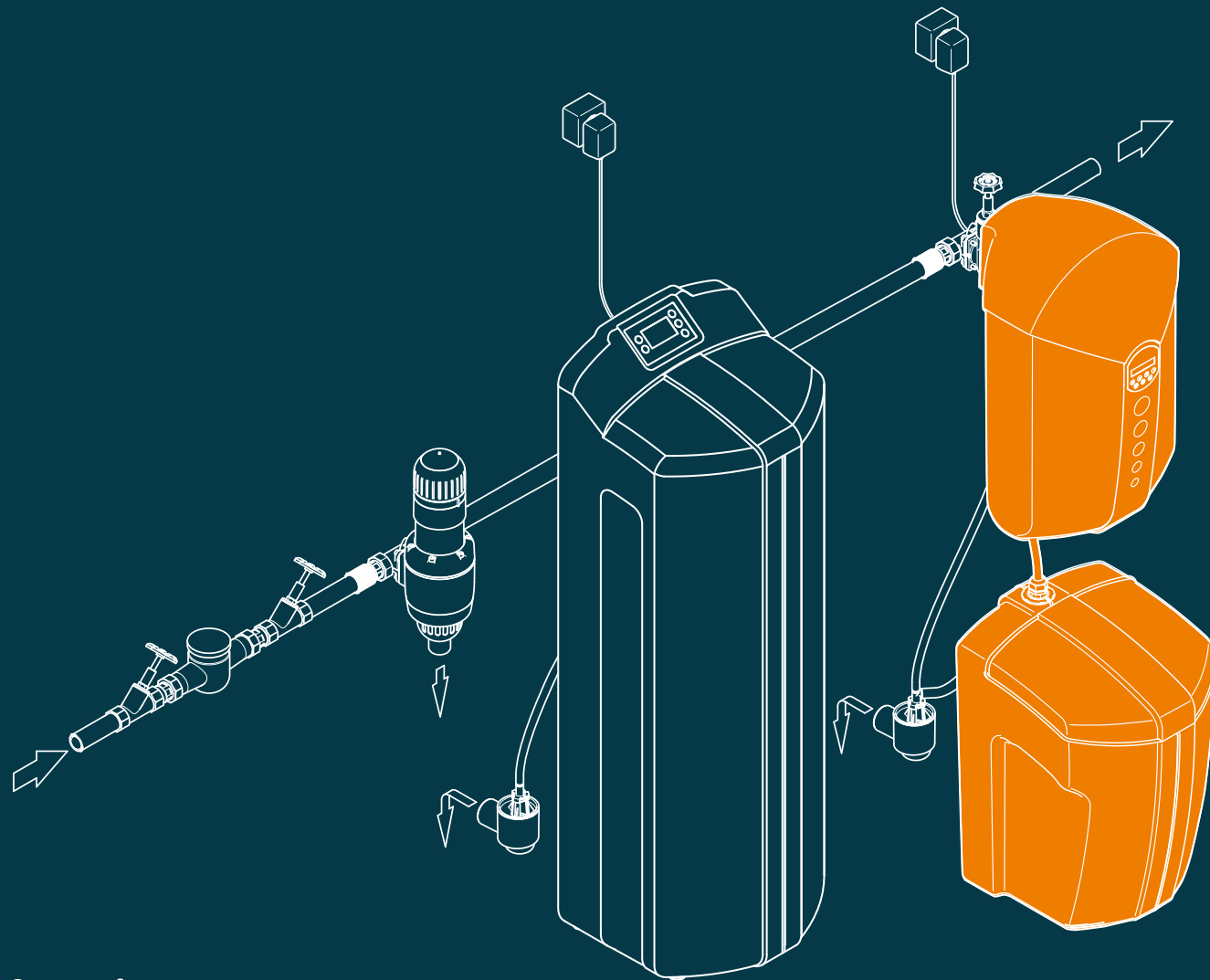
✓ Signal display

✓ Siphon included

Installation dimensions see page 69.

i-soft@home

The intelligent water softener



Smart, soft water

The first and only intelligent, fully automatic softening system. Each i-soft contains two softener modules in parallel operation for 24 hours of water in the quality of your choice.

From existing water to Perfect Water

Drinking water comes from a single water supply company – but usually from different sources. JUDO softening systems compensate for fluctuating water hardness, fully automatically, and consistently deliver the water quality you want. This is made possible by the i-guard sensor, which measures the incoming water.

Calcium versus Sodium: A winning swap

Water softeners operate on the principle of ion exchange, in which calcium and magnesium ions are exchanged for sodium ions. The resin in the unit's softening chamber is coated with sodium ions. As hard water passes through the chamber, the sodium ions are replaced by calcium out of the incoming water supply on the resin's surface. The sodium ions are now in the water supply and the water is softened. Once all the resin in the chamber has been saturated, the softener automatically starts a regeneration cycle.

The only thing better than softened water is, water softened by JUDO.

You can't tell the quality of water just by its appearance. With a JUDO water softener, however, you can. The PREMIUM range of JUDO softeners offers a scope of advantages in terms of quality, comfort and hygiene. Being parallel operating duplex units with alternating regeneration, they operate completely stagnation-free.

Advantage: Flexibility

The softener offers an efficient regeneration and only when it is actually needed, that's to say, only when the total unit's capacity has been exhausted. While one chamber is in regeneration, the second chamber is still in operation. Softened water is thus available round the clock. Peaks and fluctuations in water consumption are therefore covered.

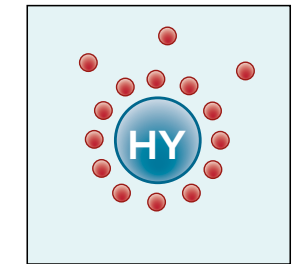
Advantage: Hygiene

The most important pre-requisite for perfect hygiene within a system is keeping it stagnation-free during operation. Our softeners go a step further with a disinfection run incorporated in every regeneration cycle.

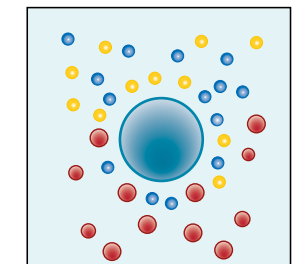
Advantage: Economy of operation

Thanks to its intelligent operating concept, the unit ensures the use of the total softening capacity available. Precise, volume controlled regeneration cycles ensure that salt consumption and flush water volumes are held at a minimum.

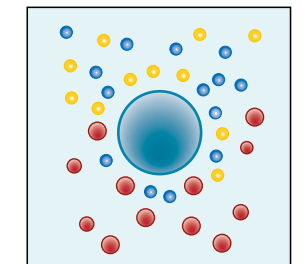
The ion exchange process



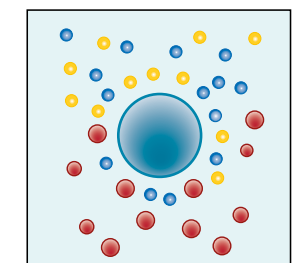
**Step 1
Hygienic rinse**
before entering service.



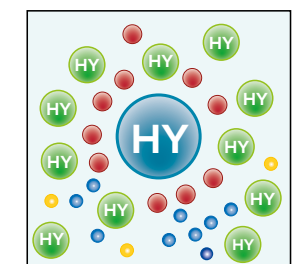
**Step 2
Softening**
Calcium and magnesium ions are retained on the resin, replacing them by sodium.



**Step 3
Saturation**
The resin is now saturated to capacity with hardening agents (calcium and magnesium).



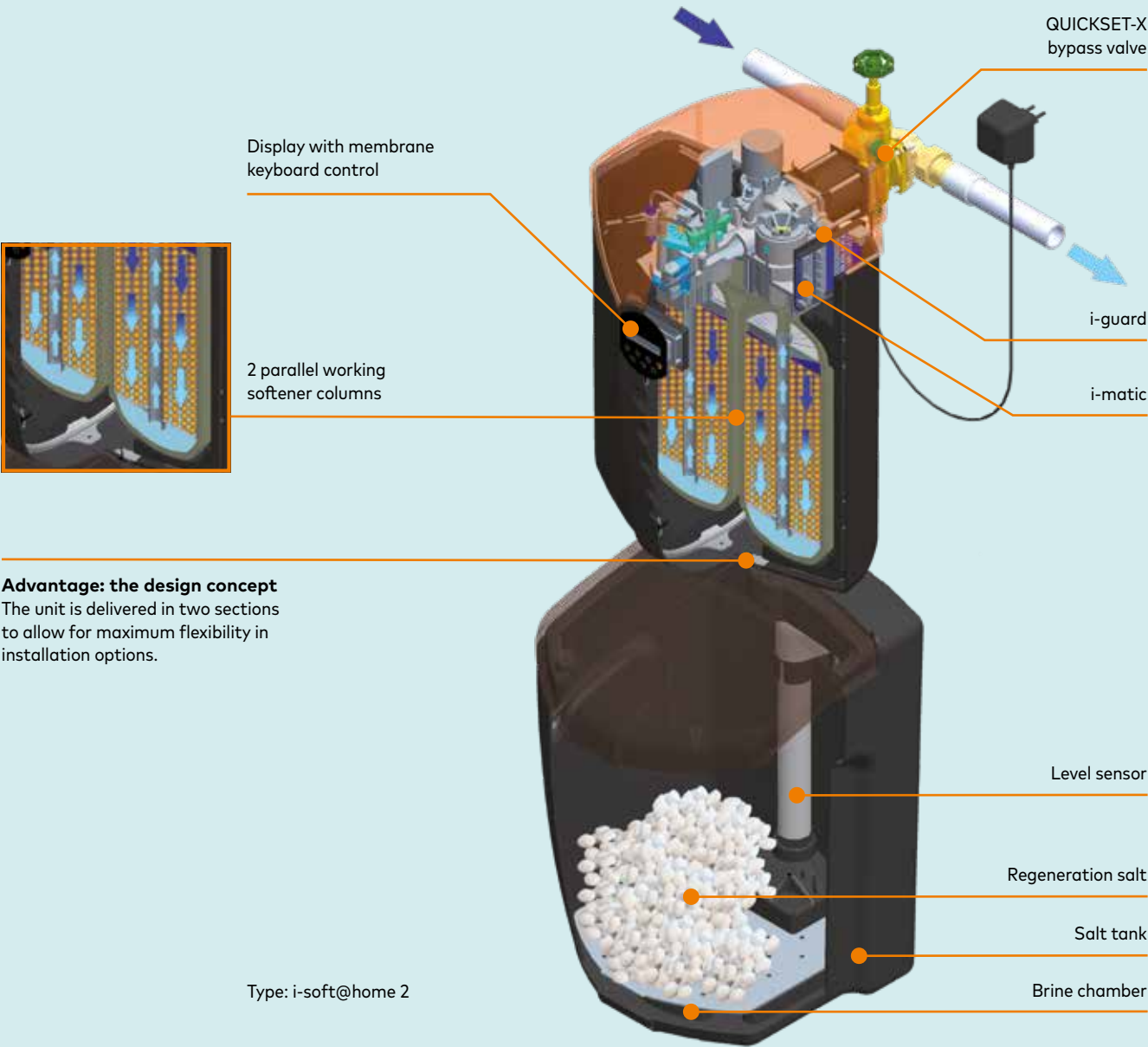
**Step 4
Regeneration**
Brine feed. Calcium and magnesium ions are removed by the brine flow and flushed from the system to be replaced with sodium ions.



**Step 5
Hygiene**
Automatic disinfection run to protect from bacterial growth.

FULLY AUTOMATIC CUSTOMISED WATER.

Exclusive with JUDO: fully automatic, quality-dependent mixed water control. Most water supply companies get their water from different sources. This may lead to significant fluctuations in water hardness. The JUDO i-soft@home compensates these fluctuations automatically with its patented water management and ensures constant soft water flow round the clock. If another water hardness level is desired, it is easy to set it by pressing a button. The device takes care of mixed water control automatically.

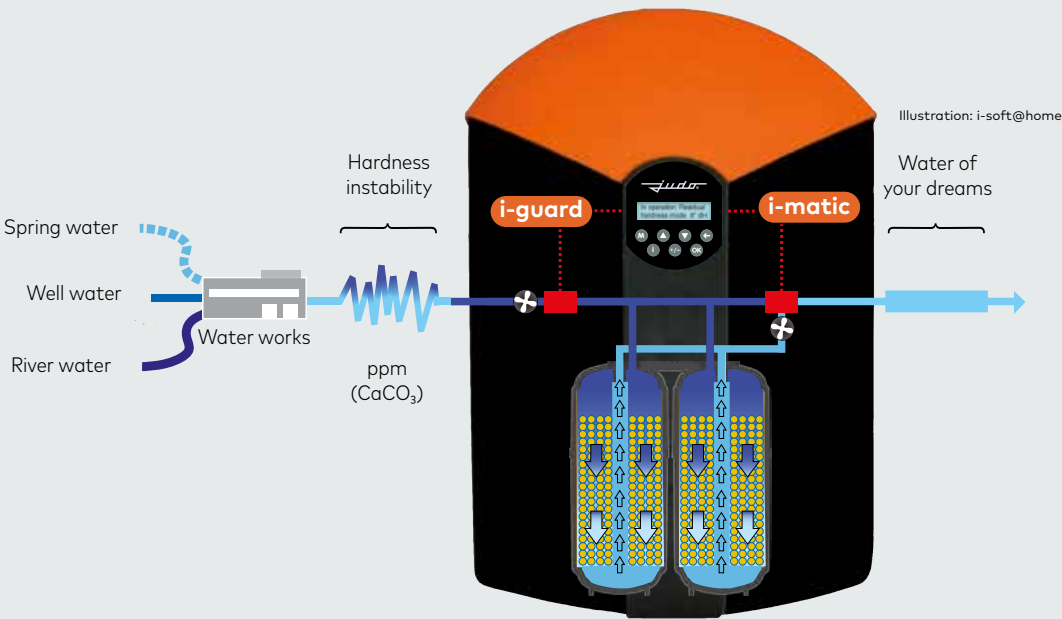


Advantage: the design concept
The unit is delivered in two sections to allow for maximum flexibility in installation options.

Hygienic: Stagnation-free operation, automatic disinfection process. Parallel operated, forced-flow softener columns in conjunction with small quantities of high-performance resins and optimized regeneration intervals.

SOFT WATER,

without interruption round the clock.



i-guard – the smart quality assurance

The i-guard monitors the supply water quality, fully automatically, and reports it to the i-matic.

The intelligent, self-regulating control

It automatically converts the information received from the i-guard into the required system configuration and thus achieves the desired water quality.

The Perfect Water, consistently


The i-guard consistently guarantees your desired water quality. If the inlet water quality changes, the water softener setting adjusts fully automatically.

All unit functions can be controlled easily and comfortably through membrane keyboard. The signal display uses different colours to show the current operating status of the system.

Unique operating concept – simple and intuitive, anytime, anywhere


JUDO i-soft series water softening systems can be controlled directly from the display. Commissioning is also child's play as it is "plug and play", saving you time and money.





1-2

Type i-soft@home



✓ **Quality assured**
made in Germany

✓ **Measures and regulates,**
automatically recognises
fluctuations in incoming
hardness and adjusts for optimal
performance, unique worldwide

✓ **Softened water round the
clock.** Dual chamber softening
in parallel

✓ **Optimal unit hygiene,**
stagnation-free, forced flow,
automatic disinfection




✓ **Leakage warning**

✓ **Siphon included**

Installation dimensions see page 70.

JUDO i-soft@home

Fully automatic water softening unit

-  Protects from scale deposits and offers water comfort.
-  Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
-  For drinking water up to 30 °C
Operating pressure range 2 - 7 bar


Stagnation-free performance
The parallel operation of the unit ensures a homogeneous flow throughout the system.

Scope of delivery i-soft@home: Unit consisting of fiberglass-reinforced tanks (PN 10), filled with high-quality monospheric ion exchange resin in food grade quality for optimal water distribution and minimization of pressure loss and regeneration agent usage. Separate salt solution and supply tank with continuous brine supply and integrated level monitoring. With i-guard sensor in water inlet to determine drinking water quality (one time calibration of raw water hardness), i-matic mixed water control, for constant desired water hardness even with fluctuating input hardnesses. Tried and tested, wear-free ceramic disc technology for lifelong programmed operational sequences. Forced regeneration after 72 hours and unit cleaning through integrated disinfection device with platinum plated titanium electrodes. Controller electronics with membrane keyboard and multi-line LCD display for operation, regeneration, residual hardness, 2-level lack of salt indicator, colour status light display and manual regeneration trigger and setting of leakage warning function. Including built-in rotary flange (QUICKSET-E) with patented bayonet connection, with screws and assembly cover, including plug-in power supply.


Scope of delivery i-soft@home 5: like i-soft@home, but consisting of 2 softener modules, in addition to parallel connection flange JGT 1¼".

Scope of delivery i-soft@home 7.5: like i-soft @home, but consisting of 3 softener modules, in addition to parallel connection flange 1½".


Type	i-soft@home	i-soft@home 5	i-soft@home 7.5
Pipe connection	1"	1¼"	1½"
Flow rate m³/h	2.0	3.8	5.4
Nominal flow with hardness reduction from 360 ppm (CaCO₃) to 140 ppm (CaCO₃) m³/h	3.3	5.0	7.5
Peak flow m³/h	3.5	5.0	7.5
Salt supply tank content kg	50	100	150
Salt use for each m³ and hardness reduction from 360 ppm (CaCO₃) to 140 ppm (CaCO₃) kg	0.37	0.37	0.37
Dimensions W x D x H mm	390 x 460 x 1.430	990 x 475 x 1.430	1.800 x 1.000 x 1.310
Order number	8203040	8203041	8203045




Made in Germany




Stable plastic housing




Proven quality




Especially hygienic




Long-lasting ceramic disc technology




Short regeneration time




Resin in food grade quality




Cost-saving




Soft water round the clock




Separate brine tank




Very reliable




Horizontal and vertical installation




Signal display with traffic light function




Product has potential-free contact



Holiday mode



Leakage warning



Keyboard with integrated digital display



UNIQUE AMONG ITS PEERS

Especially compact or eminently flexible?

Top end technology cased in three different bodies: QUICKSOFT-P and -P MEGA are split part units with softener and brine/salt tank separated. Easy to fill and clean and, thanks to an extremely flexible connection tube, offering high adaptability in installation options. And that is not the end of the story as, just like the 'little brother' of the family, the QUICKSOFT-M, these floormounted units are all extremely compact in size but veritable giants in performance. A small cellar, utility cupboard or a corner of the apartment. There is always a unit that fits.

Hygiene

Stagnation-free operation. Softening chambers with forced flow. The highest quality of monospheric resin. Optimised regeneration intervals. Disinfection and hygienic rinse with every regeneration cycle. In short: The range of QUICKSOFT duplex softeners offer the best in hygiene, performance and safety.

Ceramic disc technology

For a precise and efficient control of regeneration cycles and a longer working life.

Control screen with touch control

All functions are simply and easily controlled by digital display. The menu is easy to use and follow. Especially practical, and unique to JUDO products, it is the signal screen which uses colour change to allow you to monitor the unit's operation status even from a distance.

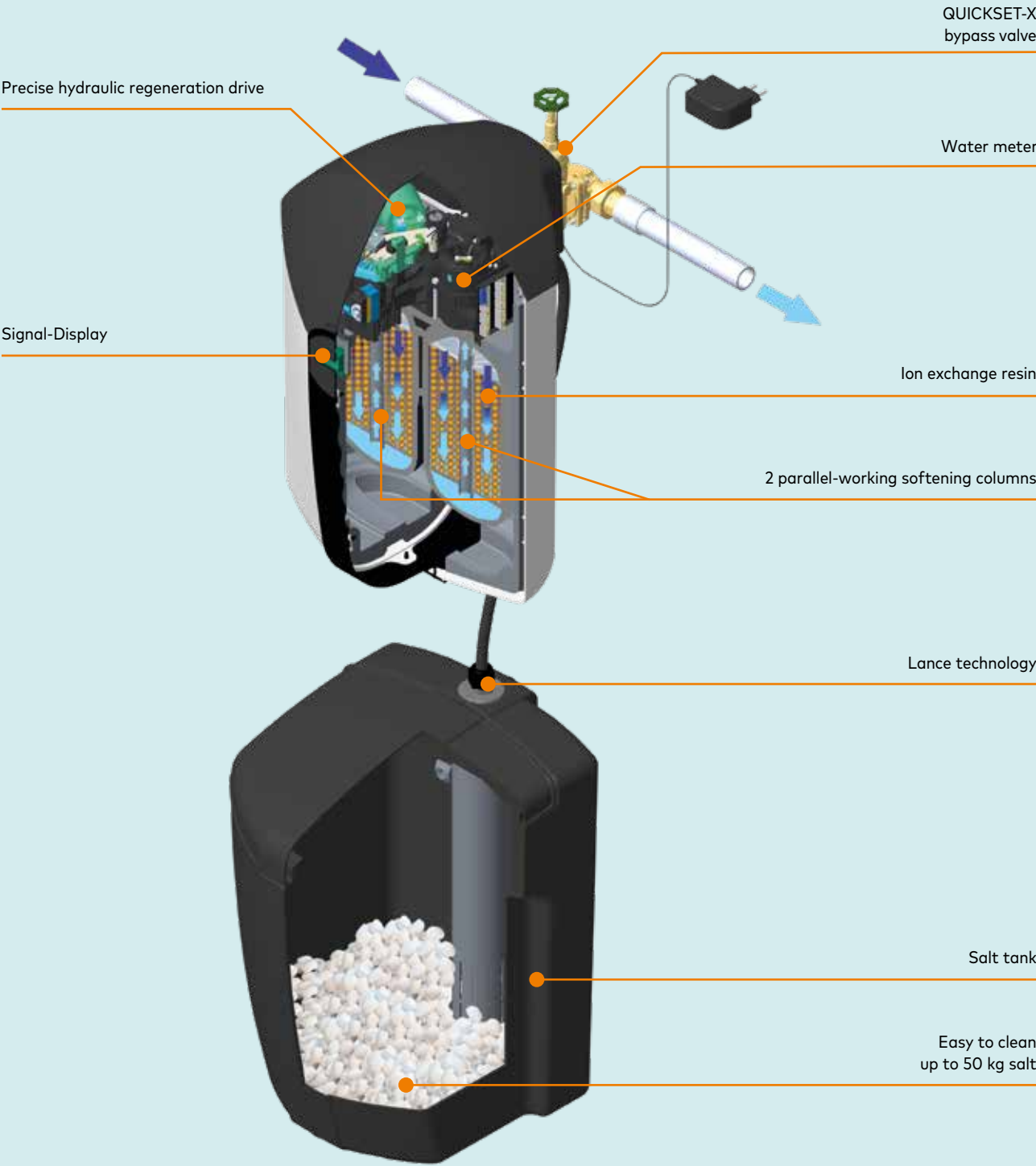
Salt level indicator

By changing the colour on the signal screen as well as with a message on the display, your unit will let you know when it is time to replenish your salt supply.

SOFT WATER WHEN YOU WANT IT.

The new JUDO QUICKSOFT range unites decades of water treatment experience and today's design and engineering with tomorrow's technology. Truly the JUDO experience!

QUICKSOFT-P



JUDO QUICKSOFT
SOFTENERS

Double column, parallel operating units with optimised regeneration intervals ensuring soft water whenever you need it.




All unit functions can be regulated using the membrane keypad. Changes in display colour indicate current unit's status.

QUICKSOFT-P and
QUICKSOFT-P MEGA

have a separate salt/brine tank, which is very easy to clean and with long connection hoses that are incredibly flexible to install.



Type: QUICKSOFT-P



1-2




Type QUICKSOFT-P

- ✓ **Quality assured**
made in Germany
- ✓ **Softened water round the clock.** Dual chamber softening in parallel
- ✓ **Optimal unit hygiene,** stagnation-free, forced flow, automatic disinfection
- ✓ **Signal-Display**
- ✓ **Siphon included**

Installation dimensions see page 70.

JUDO QUICKSOFT-P and QUICKSOFT-P MEGA

Water softening unit

-  Protects from scale deposits and offers water comfort.
-  Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
-  For drinking water up to 30 °C
Operating pressure range 2 - 7 bar

Scope of delivery JQS-P: Unit consisting of fiberglass-reinforced tanks (PN 10), filled with high-quality monospheric ion exchange resin in food grade quality for optimal water distribution and minimization of pressure loss and regeneration agent usage. Separate salt solution and supply tank with continuous brine supply and integrated level monitoring. Tried and tested, wear-free ceramic disc technology for lifelong programmed operational sequences. Forced regeneration after 72 hours and unit cleaning through integrated disinfection device with platinum plated titanium electrodes. Controller electronics with membrane keyboard and multi-cell LCD display for operation, regeneration, salt deficiency, colour status display as well as manual regeneration and potential-free fault signal. Including built-in rotary flange (QUICKSET-E) with patented bayonet connection, with screws and assembly cover. Including siphon for standard connection to the waste water system in accordance with EN 1717 and DIN 1988-100. Including plug-in power supply.

Scope of delivery JQS-P M: like QUICKSOFT-P, but consisting of 2 softener modules, in addition to parallel connection flange JQT 1¼".

Type	JQS-P	JQS-PM
Pipe connection	1"	1¼"
Flow rate m³/h	1.8	3.6
Nominal flow with hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) m³/h	3.0	5.0
Peak flow m³/h	3.5	5.0
Salt supply tank content kg	50	100
Salt use for each m³ and hardness reduction from 360 ppm (CaCO ₃) to 140 ppm (CaCO ₃) kg	0.4	0.4
Dimensions W x D x H mm	390 x 435 x 1.470	990 x 475 x 1.430
Order number	8203514	8200367

 Made in Germany

 Stable plastic housing

 Proven quality


 Especially hygienic


 Long-lasting ceramic disc technology


 Short regeneration time


 Resin in food grade quality


 Cost-saving


 Soft water round the clock


 Separate brine tank


 Very reliable

 Horizontal and vertical installation

 Signal display with traffic light function

 Product has potential-free contact

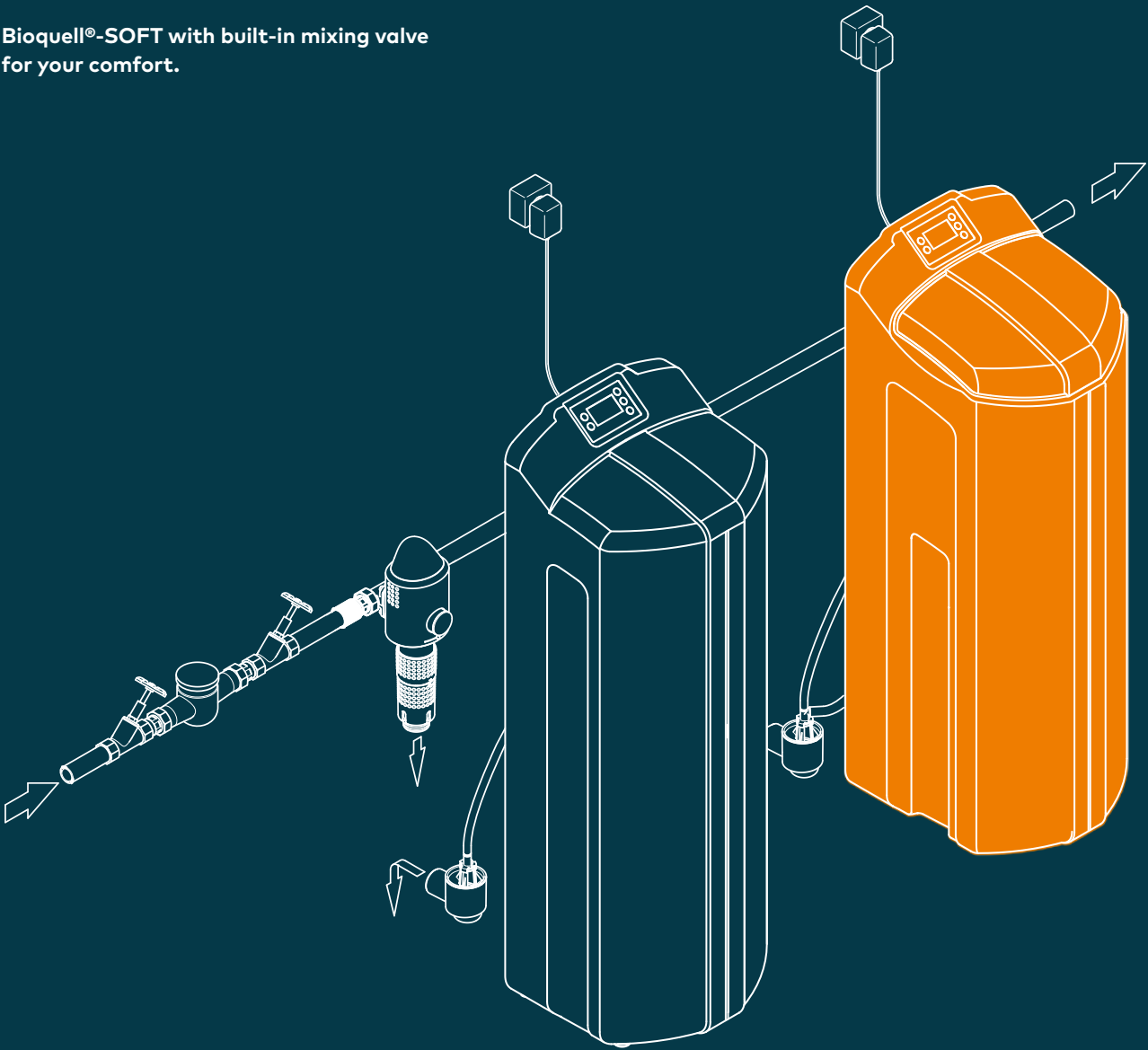
 Holiday mode

 Keyboard with integrated digital display

Bioquell®-SOFT

Soft water when you want it.

Bioquell®-SOFT with built-in mixing valve for your comfort.



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 AS A SINGLE CHAMBER UNIT.

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.





Type Bioquell®-SOFT 15



Type Bioquell®-SOFT 40

✓ 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

Installation dimensions see page 71.

JUDO Bioquell®-SOFT 15 - 40

Fully automatic water softening unit

- +

Protects from scale deposits and offers water comfort.
- 💧

For drinking water up to 40 °C
Operating pressure range 1.5 - 8 bar

Scope of delivery: Casing with integrated fibreglass-reinforced container filled with monospheric ion exchange resin in food quality for optimal water distribution and reduction of pressure loss and regeneration agent use. Integrated salt and brine container with ongoing brine production, for use with block and tablet salt. Integrated blending valve. Electronic control unit with keyboard and LED-display for operation, regeneration, holiday mode, status monitoring and manual backwash start-up. Automatic regeneration when in operation for at least 96 hours. Removable covers for easy maintenance.

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

Accessories	Order number
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

Made in Germany

Stable plastic housing

Proven quality

Especially hygienic

Resin in food grade quality

Cost-saving

Very reliable

Holiday mode

JUDO Bioquell®-SOFT 65 - 100

Fully automatic water softening unit

- +

Protects from scale deposits and offers water comfort.
- 💧

For drinking water up to 40 °C
Operating pressure range 1.5 - 8 bar

Scope of delivery: Casing with integrated fibreglass-reinforced container filled with monospheric ion exchange resin in food quality for optimal water distribution and reduction of pressure loss and regeneration agent use. Integrated salt and brine container with ongoing brine production, for use with block and tablet salt. Integrated blending valve. Electronic control unit with keyboard and LED-display for operation, regeneration, holiday mode, status monitoring and manual backwash start-up. Automatic regeneration when in operation for at least 96 hours. Removable covers for easy maintenance.

Type	Bioquell®-SOFT 65	Bioquell®-SOFT 100
Pipe connection Inch	1"	1"
Flow rate m³/h	2	2.5
Capacity at optimal operation gram	1.157	1.780
Salt consumption per regeneration at optimal operation kg	3.2	4.8
Capacity in economy mode gram CaCO ₃	801	1.246
Salt consumption per regeneration in economy mode kg	1.6	2.4
Operating pressure bar	1.5 - 8	1.5 - 8
Max. water temperature °C	40	40
Dimensions W x D x H mm	404 x 453 x 1.200	404 x 453 x 1.200
Order number	8200378	8200379

Accessories	Order number
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

Made in Germany

Stable plastic housing

Proven quality


Especially hygienic

Resin in food grade quality

Cost-saving

Very reliable

Holiday mode



Type Bioquell®-SOFT 65

✓ Reduces annoying scale build up

✓ Automatic, flow controlled regeneration

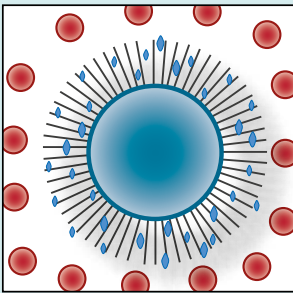
✓ Large opening for filling salt

✓ Low salt consumption

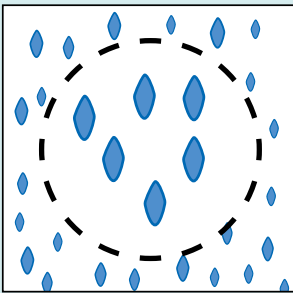
Installation dimensions see page 71.

THE STABILISATION PROCESS.

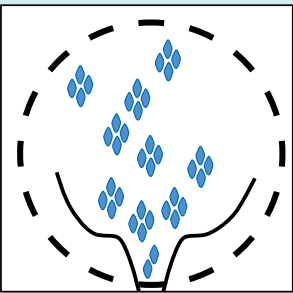
JUDO's BIOSTAT technology uses a unique process developed by JUDO to inhibit scale build up without the need to dose or add chemical products. A crystal generation unit uses the calcium in solution to produce miniature crystals which then join together and bunch.



Phase 1:
The patented nanocrystals generation unit forms microscopic crystals.



Phase 2:
Only suitably sized crystals are carried through the installation and this is ensured using a special process. Calcium carbonate contained in the water agglomerates on the nanocrystals and not inside of pipes or heat exchangers.



Phase 3:
The nanocrystals generation unit is cleaned and rinsed automatically. Excess calcium is flushed out of the unit with the rinse water. This process is carried out with no interruption to the water supply.

What happens with the residual calcium carbonate in the treatment chamber?

Residual particles are automatically flushed out of the unit during rinsing. Levels of scale retention and unit hygiene are adapted automatically to meet with incoming water quality levels.

The advantages: no dosing, no chemicals. The unit is fitted with a flow meter and microprocessor control which monitors and adapts the treatment levels.

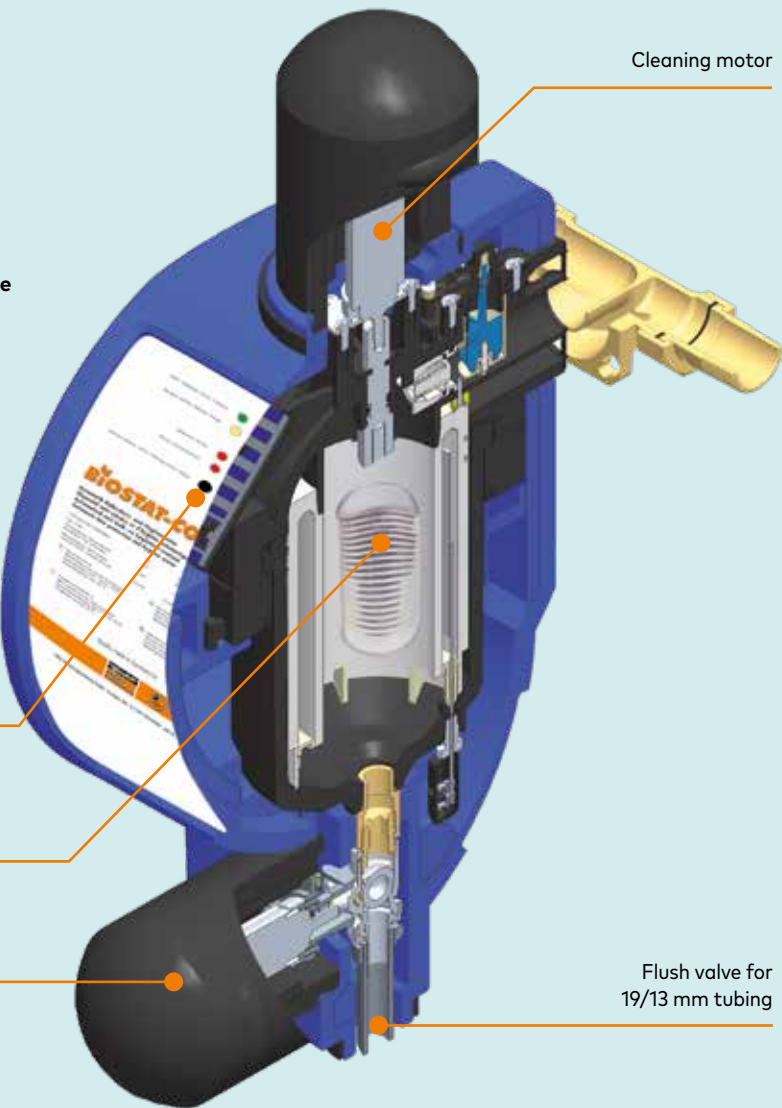
Manual clean up start button

Crystal generation unit

Rinse drive motor

Cleaning motor

Flush valve for 19/13 mm tubing



JUDO BIOSTAT-COMBIMAT BST-CA 15 - 25

Scale protection

- Effectively protects your system from scale build up.
- Thanks to JUDO QUICKSET-E, installation in horizontally and vertically running pipes possible.
- For drinking water up to 30 °C
Operating pressure range 1.5 - 8 bar

Scope of delivery: Beautiful, stable housing, PN 10; integrated water meter; electrolytically working patented seed crystal generator with microprocessor-controlled treatment flow. VDE-tested power supply, with two servomotors for automatic cathode cleaning and discharge of lime in waste water line, operational and function display through light diodes; including built-in rotary flange with patented bayonet connection, with screws and assembly cover, including plug-in power supply.

Type	BST-CA 15	BST-CA 25
Pipe connection	¾"	1"
Flow rate m³/h	1.5	2.5
Max. number of residential units	1	2
Pressure loss at nominal flow rate bar	0.4	0.4
Min./max. operating pressure bar	1.5 / 8	1.5 / 8
Installation length mm	195	195
Max. water temperature °C	30	30
Dimensions W x D x H mm	230 x 320 x 550	230 x 320 x 550
Order number	8210411	8210412

Made in Germany

Proven quality

Especially hygienic

LED display

Cost-saving

Very reliable

Horizontal and vertical installation

Product has potential-free contact

Safety module ensure end of cycle in case of power

Proven efficiency

The technical efficiency of the BIOSTAT has been tested and confirmed by independent certification bodies. In Germany, scale protection units are tested according to work sheet DVGW W 510 and are certified by the DVGW.



With scale protection



Without scale protection



Type BST-CA



- Quality assured made in Germany
- Treatment unit change only every 3 years or 400 m³ of water used
- Space saving thanks to compact design
- Low power consumption
- Scale inhibition using the proven BIOSTAT process (DVGW approved)
- Ease of installation thanks to QUICKSET E pipe connector

Installation dimensions see page 71.

* Operation according to DVGW W 510

JUDO Bioquell®-PURE

JUDO Bioquell®-PURE has been designed specifically for easy use and peace of mind. The compact system can be easily installed and offers a reliable supply of clean, clear and odourless drinking water. As a flow-through system,

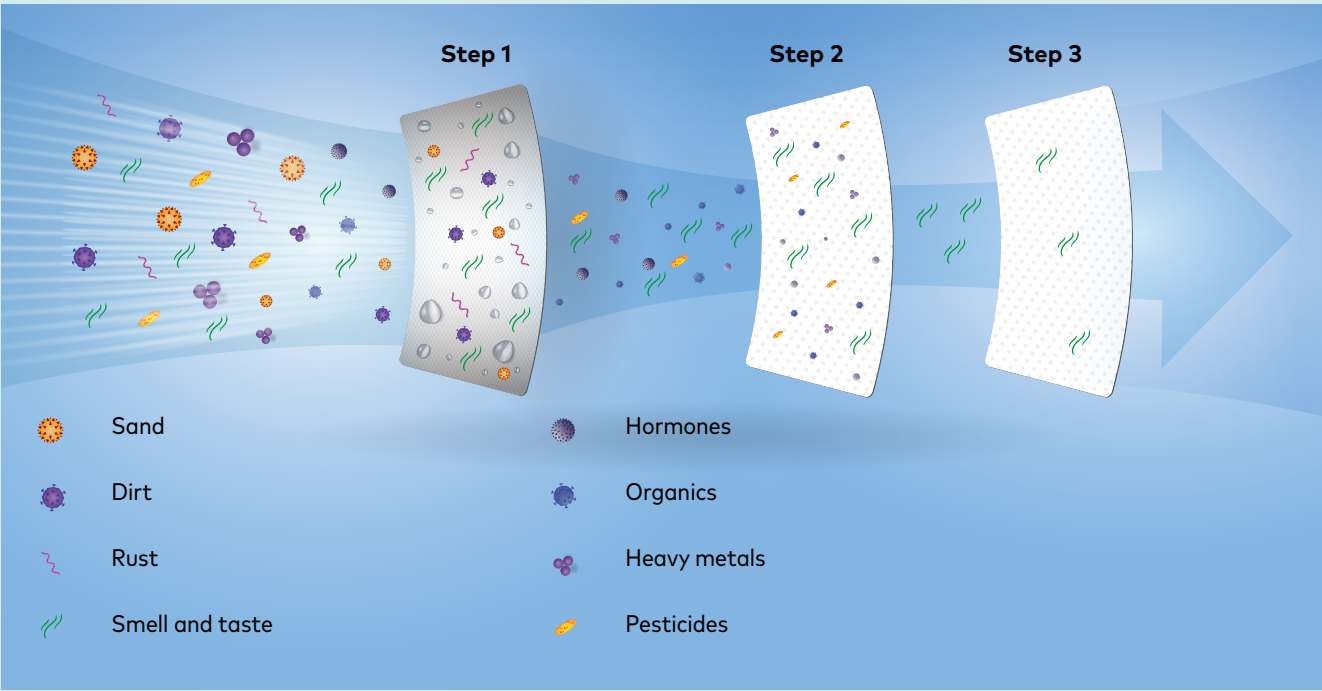
no additional storage tank is required thus saving space and reducing the risk of stagnation. Cartridge change is especially easy thanks to a cartridge clip system and an internal layout for easy access to all replaceable parts.



PURIFICATION PROCESS

The first stage is a dual cartridge made of polypropylene and activated carbon. This filtration stage eliminates all particles (e.g. sand, dirt, rust) and removes residual chlorine, the cause of bad taste and smell.

The RO membrane, as a second stage, removes traces of hormones, pesticides, organics, microorganisms and heavy metals (e.g. Cadmium, Arsenic, Lead and Chromium). The result is pure water for you to enjoy.



JUDO Bioquell®-PURE

Undersink reverse osmosis

- + Pure water for the richest taste of cooked food and beverages.
- For drinking water up to 30 °C

Scope of delivery: Ready to use reverse osmosis system with high levels of pure water generation in a compact design, integrated booster pump for pure water generation, two filter cartridges in polypropylene and activated carbon in block form, high grade R/O membrane an post-filtration cartridge. Leakage sensor with alarm, automatic, time controlled safety shut off feature, automatic, hygienic rinse feature. LED display indicating incoming water hardness and residual cartridge capacity, audio and optical reminder for cartridge change. 2 way tap for filtered and desalinated water included.

Type	Bioquell®-PURE
Pipe connection Inch	3/8" F
Flow rate l/h	62 **
Total cartridge capacity litres	4.000 *
Average cartridge exchange time, months	6 - 24 *
Salt rejection	> 95% **
Feed pressure min. / max. bar	1/ 4
Max. water temperature °C	30
Power supply V/Hz	100-230 V / 50/60 Hz
Dimensions W x D x H mm	450 x 160 x 395
Order number	8200394

Accessories	Order number
JUDO cardrige - set	2470145

Designed in Germany

Stable plastic housing

Proven quality

Especially hygienic

Automatic and manual flush

Very reliable

POU

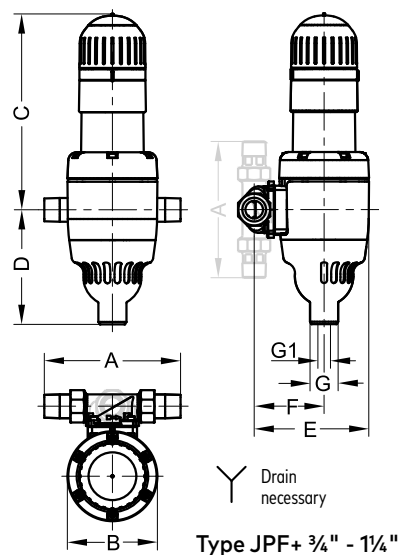
* depending on water quality
** depending on feed water temperature and quality



Type Bioquell®-PURE

- ✓ Compact undersink RO system, slim design
- ✓ Hygienic, stagnation free operation
- ✓ Quick lock for easy filter replacement
- ✓ Eliminates unpleasant water smell and taste
- ✓ Cleans without chemical additives
- ✓ Quick and easy assembly, installation under the sink or basin





JUDO PROFI-PLUS 3/4" - 2" (see page 17)

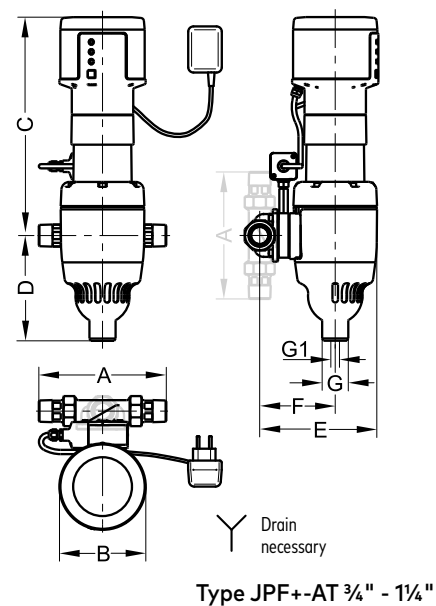
Backwash protective sediment filter manual version

Dimensions in mm	JPF+	JPF+	JPF+	JPF	JPF
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
A Installation length	180	195	230	252	280
B Unit depth	130	130	130	158	158
C Height above the pipe middle	280	280	280	348	348
D Height below the pipe middle	165	165	165	84	84
E Installation depth up to the pipe middle	165	165	170	207	215
F Waste water connection up to the pipe middle	100	100	105	128	136
G Waste water nominal diameter	40	40	40	20	20
G1 Waste water nominal diameter (alternative)	14	14	14	-	-
Order number	8010072	8010073	8010074	8010213	8010214

JUDO PROFIMAT-PLUS-AT/ATP 3/4" - 2"

(see page 18/19)

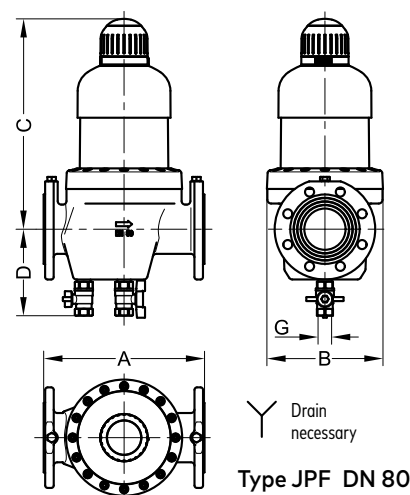
Automatic backwash protective sediment filter
(time controlled/ time and differential pressure controlled)



Dimensions in mm	JPF+ - AT/ATP	JPF+ - AT/ATP	JPF+ - AT/ATP	JPF+ - AT/ATP	JPF+ - AT/ATP
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
A Installation length	180	195	230	252	280
B Unit depth	133	133	133	158	158
C Height above the pipe middle	335	335	335	407	407
D Height below the pipe middle	165	165	165	84	84
E Installation depth up to the pipe middle	164/181	164/181	164/181	207/227	215/235
F Waste water connection up to the pipe middle	100/117	100/117	105/117	128/148	135/156
G Waste water nominal diameter	40	40	40	20	20
G1 Waste water nominal diameter (alternative)	14	14	14	-	-
Order number AT	8020104	8020105	8020106	8307012	8307013
Order number ATP	8020107	8020108	8020109	8020069	8020073

JUDO PROFI DN 65 - 200 (see page 21)

Backwash protective sediment filter



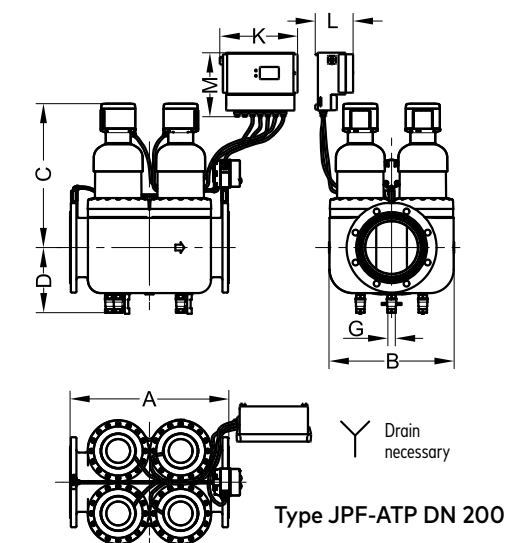
Dimensions in mm	JPF	JPF	JPF	JPF	JPF	JPF
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
A Installation length	240	320	320	560	560	600
B Unit depth	185	231	231	250	474	474
C Height above the pipe middle	350	419	426	446	469	485
D Height below the pipe middle	163	172	182	197	215	246
G Waste water nominal diameter	3/4" IG	3/4" IG	3/4" IG	3/4"	3/4"	3/4"
Order number	8010215	8010216	8010217	8290025	8290026	8290027

JUDO PROFIMAT-AT/ATP DN 65 - 200

(see page 22/23)

Automatic backwash protective sediment filter
(time controlled/ time and differential pressure controlled)

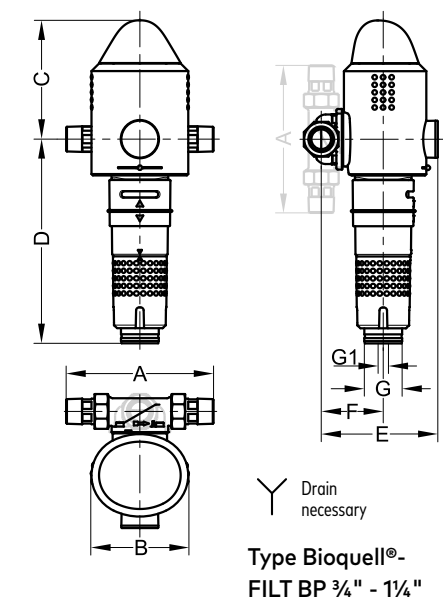
Dimensions in mm	JPF- AT/ATP	JPF- AT/ATP	JPF- AT/ATP	JPF-ATP	JPF-ATP	JPF-ATP
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
A Installation length	240	320	320	560	560	600
B Unit depth	185	231	231	250	470	470
C Height above the pipe middle	414	478	487	505	525	535
D Height below the pipe middle	163	172	182	197	215	246
G Waste water nominal diameter	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
K	-	-	-	257	257	257
L	-	-	-	218	218	218
M	-	-	-	214	214	214
Order number AT	8307014	8020033	8020034	-	-	-
Order number ATP	8020038	8020039	8020040	8320025	8320026	8320027



JUDO Bioquell®-FILT BP 3/4" - 2" (see page 25)

Backwash protective sediment filter with pressure regulation

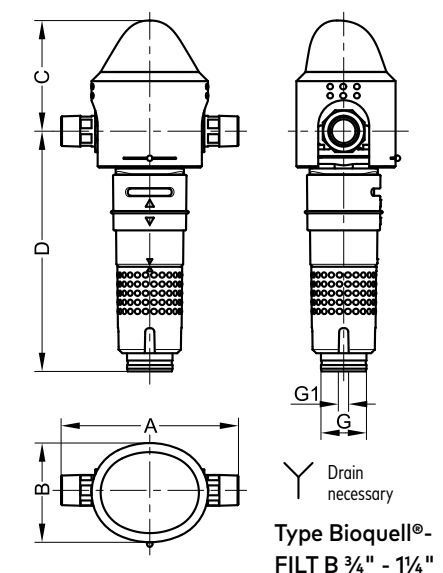
Dimensions in mm	Bioquell®- FILT BP	Bioquell®- FILT BP	Bioquell®- FILT BP	Bioquell®- FILT BP	Bioquell®- FILT BP
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
A Installation length	180	195	230	301	335
A1 Length on infeed side	-	-	-	175	195
B Unit depth	130	130	130	108	108
C Height above the pipe middle	158	158	158	181	181
D Height below the pipe middle	270	270	270	356	356
E Installation depth up to the pipe middle	155	155	160	212	220
F Waste water connection up to the pipe middle	82	82	87	118	126
G Waste water nominal diameter	50	50	50	50	50
G1 Waste water nominal diameter (alternative)	13	13	13	13	13
Order number	8170325	8170326	8170327	8170328	8170329

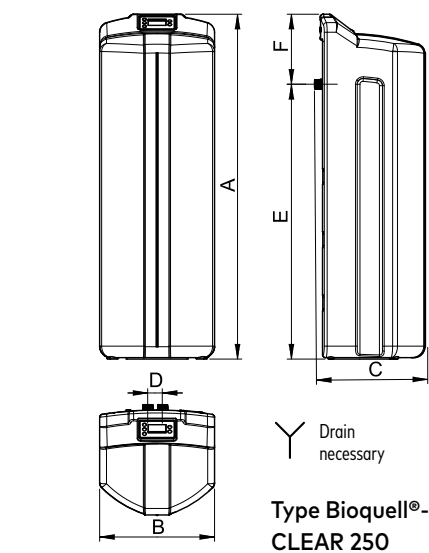


JUDO Bioquell®-FILT B 3/4" - 2" (see page 26)

Backwash protective sediment filter

Dimensions in mm	Bioquell®- FILT B	Bioquell®- FILT B	Bioquell®- FILT B	Bioquell®- FILT B	Bioquell®- FILT B
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
A Installation length	180	195	230	252	280
B Unit depth	115	115	115	114	114
C Height above the pipe middle	122	122	117	33	40
D Height below the pipe middle	264	264	269	336	344
G Waste water nominal diameter	50	50	50	50	50
G1 Waste water nominal diameter (alternative)	13	13	13	13	13
Order number	8070710	8070711	8070712	8070713	8070714





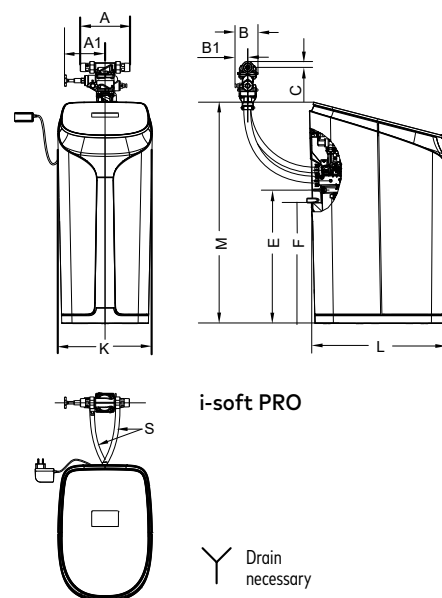
JUDO Bioquell®-CLEAR (see page 29)

The whole house purifier

Dimensions in mm	Bioquell®-CLEAR 75	Bioquell®-CLEAR 120	Bioquell®-CLEAR 150	Bioquell®-CLEAR 250
Pipe connection	¾"	¾"	¾"	1"
A Installation height	575	575	1200	1200
B Device width	245	275	400	400
C Installation depth up to the pipe	270	295	387	387
D Installation width on pipe	51	51	51	51
E Height below the pipe middle	500	500	956.5	956.5
F Height above the pipe middle	75	75	243.5	243.5
Order number	8200385	8200386	8200387	8200388

JUDO i-soft PRO (see page 40)

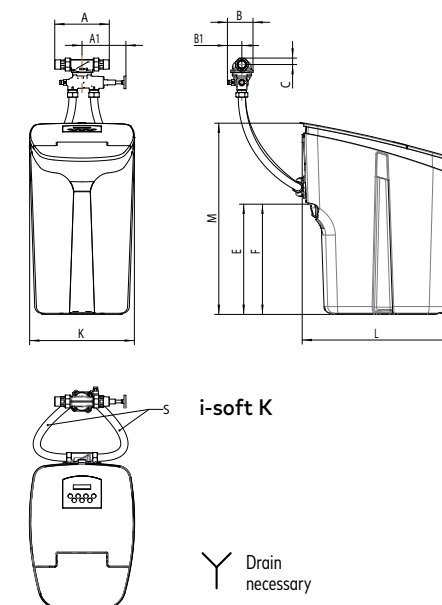
Fully automatic water softener with micro-leakage protection



Dimensions in mm	i-soft PRO
Pipe connection	1"
A Installation length	195
A1 Length JQX handwheel to centre of connection	161
B Depth connection	91
B1 Depth JQX Wall side to pipe centre	41
C Height of connection above pipe centre	25
E Height waste water connection	498
F Height overflow connection	473
K Wide softener	372
L Depth softener	536
M Height softener	869
S Hose length	800
Order number	8203710

JUDO i-soft K (see page 43)

Fully automatic water softening unit

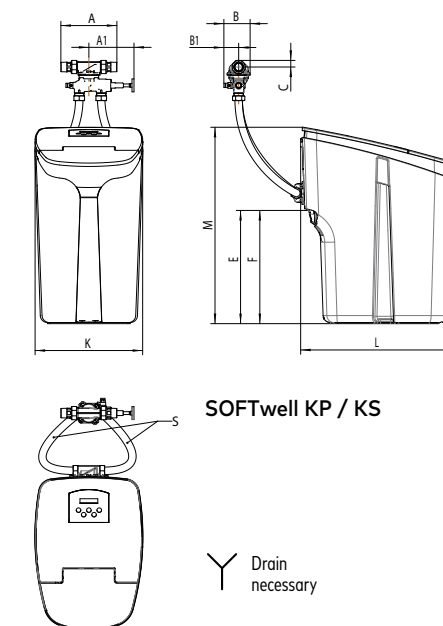


Dimensions in mm	i-soft K
Pipe connection	1"
A Installation length	195
A1 Length JQX handwheel to centre of connection	157
B Depth connection	92
B1 Depth JQX Wall side to pipe centre	52
C Height of connection above pipe centre	25
E Height waste water connection	396
F Height overflow connection	396
K Wide softener	376
L Depth softener	542
M Height softener	686
S Hose length	800
Order number	8203527

JUDO SOFTwell KP / KS (see page 44/45)

Water softening unit

Dimensions in mm	SOFTwell KP	SOFTwell KS
Pipe connection	1"	1"
A Installation length	195	195
A1 Length JQX handwheel to centre of connection	157	157
B Depth connection	92	92
B1 Depth JQX Wall side to pipe centre	52	52
C Height of connection above pipe centre	25	25
E Height waste water connection	396	396
F Height overflow connection	396	396
K Wide softener	376	376
L Depth softener	542	542
M Height softener	686	686
S Hose length	800	800
Order number	8203528	8203529

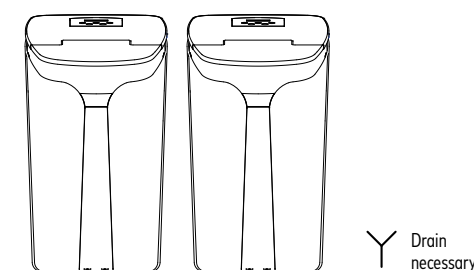


JUDO SOFTwell KP MEGA 4 / MEGA 6 (see page 46/47)

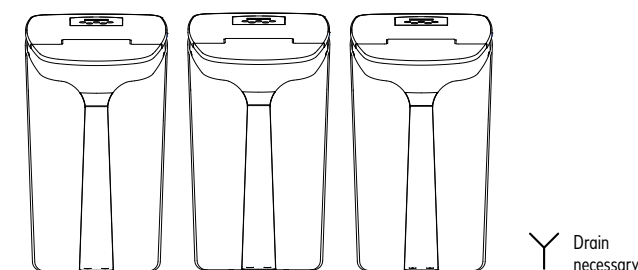
Water softening unit

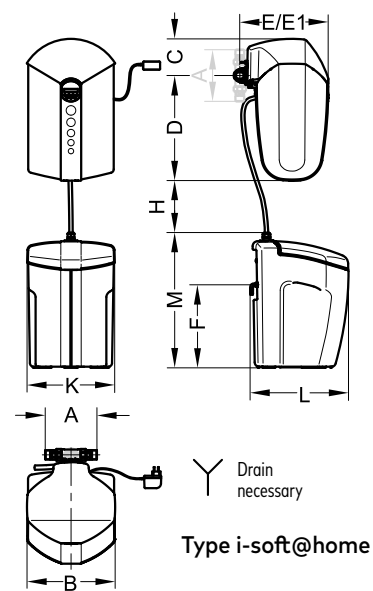
Dimensions in mm	SOFTwell KP MEGA 4	SOFTwell KP MEGA 6
Pipe connection	1¼"	1½"
E Height waste water connection	395	395
F Height overflow connection	395	395
K Wide softener	860	1.340
L Depth softener	590	590
M Height softener	685	685
Order number	8204020	8204021

SOFTwell KP MEGA 4



SOFTwell KP MEGA 6



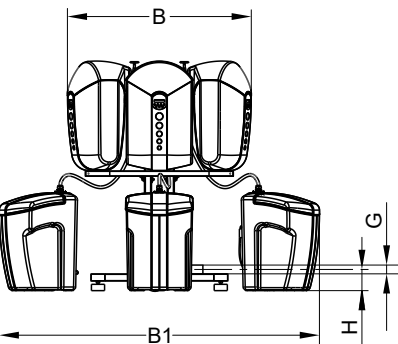


Type i-soft@home

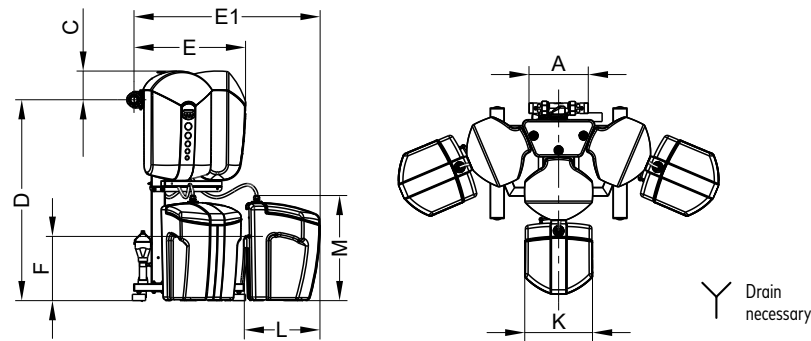
JUDO i-soft@home (see page 52)

Fully automatic water softening unit

Dimensions in mm	i-soft@home	i-soft@home 5	i-soft@home 7.5
Pipe connection	1"	1¼"	1½"
A Installation length (rotary flange)	195	230	338
B Device width	390	735	1.049
B1 Device width with salt storage containers	-	-	appr. 1.800
C Height above the pipe middle	164	164	164
D Height below the pipe middle	465	465	1.145
E Installation depth up to the pipe	385	430	636
E1 Installation depth up to the pipe	450	-	appr. 1.000
F Height of the overflow connection	366	366	366
G Nominal width waste water connection	-	-	50
H Minimum separation between water softening system and salt reservoir	240	240	121
K Width of the salt reservoir	390	390	390
L Depth of salt reservoir with overflow	435	435	435
M Height of the salt reservoir	600	600	600
Order number	8203040	8203041	8203045



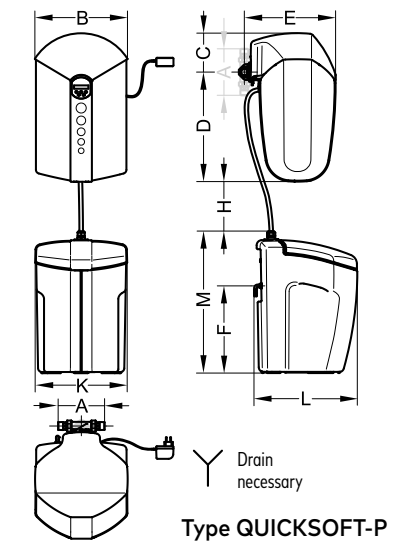
Type i-soft@home 7.5



JUDO QUICKSOFT-P / -P MEGA (see page 56)

Water softening unit

Dimensions in mm	JQS-P	JQS-PM
Pipe connection	1"	1¼"
A Installation length (rotary flange)	195	230
B Device width	390	735
C Height above the pipe middle	164	164
D Height below the pipe middle	465	465
E Installation depth up to the pipe	385	430
F Height of the overflow connection	370	-
H Minimum separation between water softening system and salt reservoir	240	240
K Width of the salt reservoir	390	990
L Depth of salt reservoir with overflow	435	475
M Height of the salt reservoir	600	560
Order number	8203514	8200367

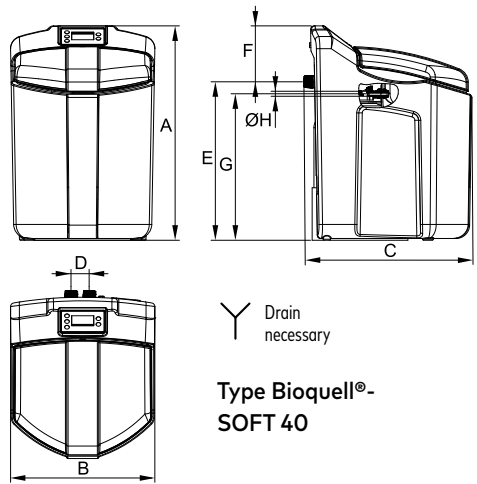


Type QUICKSOFT-P

JUDO Bioquell®-SOFT 15 - 100 (see page 60/61)

Fully automatic water softening unit

Dimensions in mm	Bioquell®-SOFT 15	Bioquell®-SOFT 40	Bioquell®-SOFT 65	Bioquell®-SOFT 100
Pipe connection	¾"	¾"	1"	1"
A Installation height	545	600	1.200	1.200
B Device width	287	404	404	404
C Installation depth up to the pipe	444	470	475	475
D Installation width on pipe	51	51	51	51
E Height below the pipe middle	404	444	953	953
F Height above the pipe middle	142	157	248	248
G Height of the overflow connection	285	410	635	635
Ø H Overflow connection	14	14	14	14
Order number	8200375	8200377	8200378	8200379



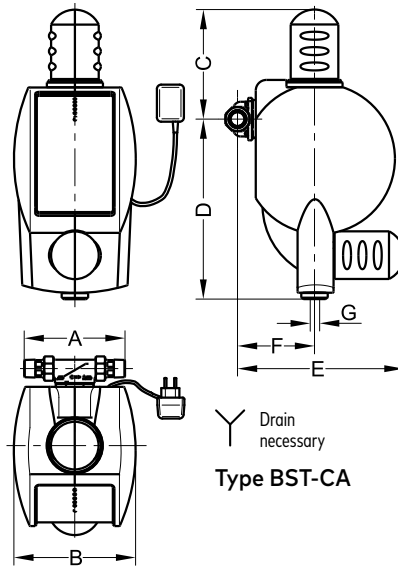
Type Bioquell®-SOFT 40

JUDO BIOSTAT-COMBIMAT BST-CA 15 - 25 (see page 63)

Scale protection

Dimensions in mm	BST-CA 15	BST-CA 25
Pipe connection	¾"	1"
A Installation length	195	195
B Unit width	230	230
C Height above pipe centre	210	210
D Height below pipe centre	340	340
E Depth to pipe centre without JQX */ with JQX *	320/385	320/385
F Centre of flushing water connection to pipe centre without JQX */ with JQX *	150/215	150/215
G Dimension of flushing water connection	15	15
Order number	8210411	8210412

* optional JUDO bypass valve



Type BST-CA

Conversions

Pressure			
		bar	psi
Bar	1 bar =	1	14.5
Pound per square inch	1 psi =	0.069	1

Flow			
		m³/h	GPM
Cubic meters per hour	1 m³/h =	1	4.4
Gallons per minute	1 GPM =	0.227	1

Hardness								
		°dH	°e	°f	ppm	gpg	meq/l	mmol/l
German Degrees	1 °dH =	1	1.253	1.78	17.8	1.04	0.375	0.178
English Degrees	1 °e =	0.798	1	1.43	14.3	0.83	0.286	0.143
French Degrees	1 °f =	0.56	0.702	1	10	0.58	0.2	0.1
ppm CaCO ₃	1 ppm =	0.056	0.07	0.1	1	0.058	0.02	0.01
grains per gallon	1 gpg	0.94	1.3	1.86	18.52	1	0.36	0.18
meq per litre	1 meq/l	2.8	3.5	5	50	2.9	1	0.5
mmol per litre	1 mmol/l	5.6	7.0	10	100	5.8	2	1

Length			
		cm	inch
Centimeter	1 cm =	1	0.39
Inch	1 inch =	2.54	1

Weight			
		kg	lb
Kilogram	1 kg =	1	2.2
Pound	1 lb =	0.45	1

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8010073	JUDO PROFI-PLUS 1" 100 micron	17
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8010213	JUDO PROFI-PLUS 1½" 100 micron	17
8010214	JUDO PROFI-PLUS 2" 100 micron	17
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8010217	JUDO PROFI DN 100, 100 micron	21
8020033	JUDO PROFIMAT-AT DN 80, 100 micron	22
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8020038	JUDO PROFIMAT-ATP DN 65, 100 micron	23
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8020069	JUDO PROFIMAT-PLUS-ATP 1½" 100 micron	19
8020073	JUDO PROFIMAT-PLUS-ATP 2" 100 micron	19
8020104	JUDO PROFIMAT-PLUS-AT ¾" 100 micron	18
8020105	JUDO PROFIMAT-PLUS-AT 1" 100 micron	18
8020106	JUDO PROFIMAT-PLUS-AT 1¼" 100 micron	18
8020107	JUDO PROFIMAT-PLUS-ATP ¾" 100 micron	19
8020108	JUDO PROFIMAT-PLUS-ATP 1" 100 micron	19
8020109	JUDO PROFIMAT-PLUS-ATP 1¼" 100 micron	19
8070710	JUDO Bioquell®-FILT B ¾" 100 micron	26
8070711	JUDO Bioquell®-FILT B 1" 100 micron	26
8070712	JUDO Bioquell®-FILT B 1¼" 100 micron	26
8070713	JUDO Bioquell®-FILT B 1½" 100 micron	26
8070714	JUDO Bioquell®-FILT B 2" 100 micron	26
8170325	JUDO Bioquell®-FILT BP ¾" 100 micron	25
8170326	JUDO Bioquell®-FILT BP 1" 100 micron	25
8170327	JUDO Bioquell®-FILT BP 1¼" 100 micron	25
8170328	JUDO Bioquell®-FILT BP 1½" 100 micron	25
8170329	JUDO Bioquell®-FILT BP 2" 100 micron	25
8200367	JUDO QUICKSOFT-P MEGA	56
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8307012	JUDO PROFIMAT-PLUS-AT 1½" 100 micron	18
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8320025	JUDO PROFIMAT-ATP DN 125, 100 micron	23
8320026	JUDO PROFIMAT-ATP DN 150, 100 micron	23
8320027	JUDO PROFIMAT-ATP DN 200, 100 micron	23



JUDO – THE COMPANY

Engineered by experts
for use by professionals

When it comes to drinking water installations, it is all about safety, hygiene and the quality of life. Matters that important belong in the hands of professionals.

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This means you can be sure that the quality delivered, both in terms of product and services, will be spot on. You can be assured of problem-free availability of spare parts, qualified repair and maintenance services and that you won't be left out in the rain if a problem arises.

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



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