

SMART GENERATION K
i-soft PRO, i-soft K SAFE+ and SOFTwell KP



SMART AND FLEXIBLE

Floor-standing water softeners
for perfect water.

JUDO®

Unique to JUDO: The floor-standing softeners impress with their intuitive operation, optimised functionality and aesthetic design. Enjoy the features of MyWater with all your senses.

The right softener for every household:

MYWATER BECOMES REALITY

SMART GENERATION K: The new generation of floor-standing softeners delivers soft water around the clock, without hardness fluctuations. Innovative technology with intuitive user experience meets compact design. For maximum comfort in the smallest space.

Individual, resource-saving and user-friendly

The fully automatic JUDO i-soft PRO, i-soft K SAFE+ and SOFTwell KP water softeners score points not only for their appearance but also for their user-oriented functionality. Despite minimised energy and regeneration agent consumption, the systems guarantee 24 hours of soft water without interruption.

With the specially developed MyWater scenes, soft water becomes a reality. Whether washing laundry, watering the garden or enjoying a feel-good shower - there is not one water hardness for all applications.

For this purpose, the i-soft models have been designed with MyWater scenes that can be selected to suit the situation.



i-soft PRO





A head start through innovation

Water isn't just water: fluctuations in the quality of the incoming water are compensated for fully automatically by the i-soft softeners. The i-guard sensor monitors the water quality supplied by the waterworks and passes the measured data on to the i-matic control unit. This automatically adjusts the settings of the system and ensures the desired water quality. Particularly interactive: Worldwide controllable via app, web browser and API - or additionally with the i-soft PRO and i-soft K SAFE+ via voice control with Alexa.

Perfect in design and technology

The elegant look turns a means to an end into a real eye-catcher - even in limited spaces. Awarded the iF DESIGN AWARD: The award-winning design of the i-soft PRO icon is reflected in the i-soft K SAFE+ and SOFTwell KP. It underlines the high value and the latest state of the art.



i-soft K SAFE+ 

SOFTwell KP 

FEEL-GOOD MOMENTS

without compromise

FLEXIBILITY IN EVERY RESPECT

Precisely tailored to your requirements: With the SMART GENERATION K, JUDO provides three high-quality solutions for the water softening of tomorrow - today.

Intelligent and fully automatic

Drinking water comes from a single water supply company - but usually from different sources. Their shares of the total volume fluctuate - and the hardness of the water arriving at the houses varies accordingly.

The i-soft PRO and i-soft K SAFE+ softeners optimally treat this water and provide soft water without interruption for every occasion.

MyWater...



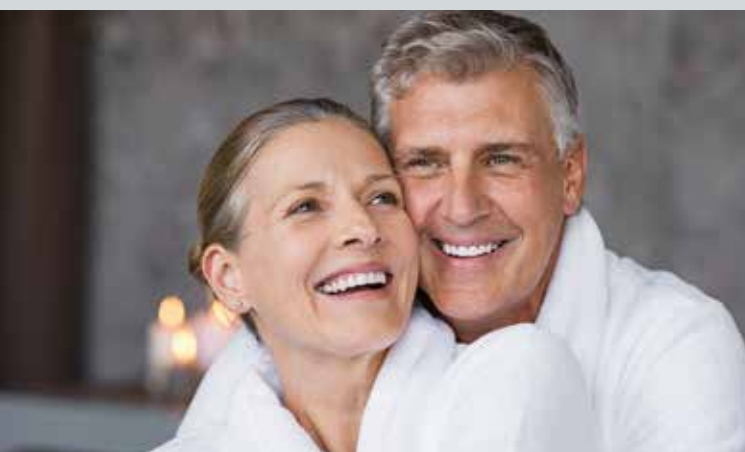
...for body care:

Smooth shiny hair with less care products



...for the senses:

Improves the skin's appearance sustainably and naturally



...to feel good:

For soft laundry without the need for fabric softener



...for glossy surfaces:

Minimises limescale stains on crockery and fittings



...for more enjoyment:
Develops the flavour aromas ideally



...for energy efficiency:
Saves money by protecting drinking water technology and limescale-free heat exchangers



...for your safety:
Integrated leakage protection with micro leakage detection (i-soft PRO and i-soft K SAFE+)

JUDO is a green innovation leader
We have been awarded the certificate „Germany's Green Innovation Leaders“.



This underlines our innovation leadership for green and sustainable innovations and our environmental thinking, which shapes the entire company image.

Experience the best on the water softening market with the i-soft PRO. With the new softener, you not only get the soft water you want, but also a device in which intuitive operation, functionality and design merge into one. In short: the future of water softening.

The innovation

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.

Intelligent, interactive and resource-saving

In addition to the high-quality design, the softener offers even more individually adjustable parameters and thus a maximum of comfort in everyday life - for example, through the extendible MyWater scenes. The softener is designed in such a way that interaction between the user and the system is child's play. It also offers optimum protection thanks to leakage protection with micro-leakage detection.

In addition, the i-soft PRO also independently recognises consumption habits and makes appropriate adjustments. The next step towards artificial intelligence. Convince yourself of the high economic efficiency in terms of regeneration agent, water and energy consumption. The softening system is suitable for up to 3 residential units.

Symbols with added value

 This softening system provides soft water 24/7 without interruption	 This product can be controlled worldwide via free app / API available	 The internet connection is encrypted via TLS
 The unit can be connected to the home network via WLAN	 A LAN port is available for connection to the home network	 The unit has a USB connection (import of updates and documentation).
 Microleakage protection	 i-salt Management	 Function even in case of power failure due to patented safety module
 The product has a potential-free contact	 Keyboard with digital display integrated	 JUST ASK alexa Set MyWater via app or voice control



MyWater comes true. Choose from eight preset water scenes or create your own individually.



MyWater round the clock. i-soft PRO compensates for incoming water quality fluctuations fully automatically.



You have the choice between control via the JU-Control app or Alexa. In addition, the softeners have an API (Application Programming Interface). This allows them to be integrated into a local smart home system.



Exceptionally economical thanks to the patented i-salt management: weight sensors precisely and continuously determine the addition and removal of regeneration salt. Only from JUDO: the adaptive capacity control.

The advantages at a glance:

Even more individuality:

- ✓ **Eight preset MyWater scenes, time-adjustable**
- ✓ **Individually extendible MyWater scenes** provide even more comfort in everyday life
- ✓ **Storage of data** on SD card - safe even in case of power failure
- ✓ **AI included:** appliance recognises consumption habits and automatically adjusts individually

Intuitive interaction:

- ✓ **Controllable worldwide via app, web browser and API**
- ✓ **MSID-Mega Status Indication Display** with Wake-Up Sensor
- ✓ **Intuitive user menu**
- ✓ **High-quality touch display** and bevelled surfaces ensure optimum readability
- ✓ **Easy commissioning** with optional quick start mode
- ✓ **Soft-close container cover** for easy handling
- ✓ **Floor-standing cabinet** offers optimum operating height

Economical and resource-saving:

- ✓ **Particularly economical** thanks to patented i-salt management: weight sensors precisely determine the addition and removal of regenerating salt
- ✓ **Resource-saving:** minimises regeneration agent, water and energy consumption

Technical lead:

- ✓ **Intelligent water management** ensures 24-hour MyWater levelling hardness fluctuations
- ✓ **Special protection:** integrated leakage protection with micro leakage detection
- ✓ **Safety module** for backup in case of power failure
- ✓ **Optional soil sensor**

Elegant look down to the last detail:

- ✓ **A jewel** in any cellar or utility room
- ✓ **High-quality elegant container cover** made of safety glass (ESG)
- ✓ **MSID-Mega Status Indication Display** with Wake-Up Sensor: when approached, intuitively shows the operating status, warning and fault messages, a water flow rate as well as the currently measured salt level



DVGW-
Certification
applied for

MYWATER SCENES

New possibilities

JUDO offers a special feature with the MyWater scenes. Washing laundry, watering the garden or enjoying a feel-good shower - as varied as the situations are in everyday life, it is also clear that there is not one water hardness for all applications.

For this reason, JUDO offers MyWater scenes with the i-soft PRO. These can be started via app or Alexa voice control to suit the situation.

8 preset MyWater scenes



MyWater scene:
Body care



MyWater scene:
Watering the garden



MyWater scene:
High pressure cleaning



MyWater scene:
Fill pool



Exclusive to i-soft PRO: Create your own MyWater scene

The user can either choose from 8 preset, time-adjustable MyWater scenes or create his own MyWater scenes. This allows the system to adapt even better to the habits and preferences of the user.



The user can adjust the water hardness to the respective situation via MyWater scenes, such as „mastering everyday life“, „caring for the body“, „watering the garden“ or „enjoying a holiday“.



Frequently used MyWater scenes can be saved 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, the water consumption - in a daily, weekly, monthly or annual view.



MyWater scene:
Enjoy a holiday



MyWater scene:
Laundry



MyWater scene:
Fill heater



MyWater scene:
Master everyday life





MSID - MEGA STATUS INDICATION DISPLAY

with Wake-Up Sensor

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



Sufficient salt level is documented by the harmoniously shining white luminous band.



Flowing blue light band indicates the current water usage.



For salt refilling when the salt level is low, the yellow flashing display prompts.



Micro leakage protection protects from water damage: The blue light band with yellow flashing LED signals leaks and water contact from optional floor sensors.



Always everything in view: The red glowing malfunction indicator shows irregularities early enough.



ENERGY- AND RESOURCE-SAVING

A new chapter in sustainability

With the help of sensors and complex algorithms, the i-soft PRO records the exact amount of salt and precisely determines the brine concentration. At the heart of this is the patented i-salt management: a unique, continuous weight measurement with sensors for precise recording of the salt supply, the brine concentration and the actual regenerant use. Together with the continuous measurement, this enables adaptive capacity control.

The capacity is automatically increased or reduced depending on consumption in order to achieve optimum intervals between two regenerations. The i-soft PRO independently evaluates the water consumption and adjusts the regulation of the regeneration time. In addition, only exactly as much regeneration agent and rinsing water is used as required by the incoming, measured water quality. The result: optimised salt consumption and intelligent and flexible regeneration.

MICROLEAKAGE PROTECTION

inclusive

The i-soft PRO softener has integrated leakage protection including micro-leakage detection. This means that the system also detects low water consumption and, if desired, simply shuts off the line if the worst comes to the worst. The optional floor sensors provide additional safety by detecting wetness on the floor and then activates 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. The micro-leakage protection and connected leakage sensors also remain fully functional. Even if a lifting system is installed in the house, the safety module in combination with a JUDO floor sensor ensures optimal protection against water damage.





INTUITIVE OPERATION VIA APP OR VOICE CONTROL

Managing water intelligently

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, the system can be installed in just a few clicks using the quick-start mode. The entire menu navigation is designed to be particularly intuitive and allows individual settings. The display is slanted to ensure excellent readability.

The high-quality glass surface is particularly easy to clean. The floor-standing cabinet unit offers an optimal operating height. The unit can also be controlled via the JU-Control app using a smartphone, tablet or web browser. Via the app, the user can change the desired water quality, control important functions and call up information anywhere and at any time.

In addition, the i-soft PRO softener has an API interface for integration into local smart home systems.

MyWater also via voice control

You are out of the house and want to block the water inflow? Simply open the JU-Control app and make changes with a tap of your finger.

In addition, the softener is Alexa-compatible and can therefore be operated by voice command. The other functions of the integrated leakage protection can also be easily controlled with the JU-Control app and Alexa: for example, the activation and deactivation of holiday modes.





INTELLIGENT SPACE SAVER

The i-soft K SAFE+ and SOFTwell KP softening systems

The proven JUDO technology is installed here in a small space. The two new floor-standing softeners not only offer an attractive design, but also 24 hours of soft water for maximum comfort. A connectivity module for connection via LAN or WLAN (optional with the SOFTwell KP) enables worldwide control via app, web browser and API.

The systems can also be set up easily in limited spaces.

In addition, they can be hung (with accessories) on the wall or find space under the worktop.



JUDO i-soft K SAFE+

Fully automatic water softener with
micro leakage protection system

DVGW-
Certification
applied for

JUST ASK
alexa

The advantages at a glance:

Highest comfort

- ✓ 24 h MyWater without hardness fluctuations
- ✓ Benefit-optimised MyWater scenes

Intuitive interaction

- ✓ Connectivity module for connection via WLAN or LAN for worldwide control via app, web browser and API
- ✓ Control electronics with touch-sensitive keyboard and LCD display. Displays operating status, water flow and fault message.
- ✓ Soft-close tank cover

Economical and resource-saving

- ✓ Minimises regeneration agents, water and energy consumption
- ✓ Long-lasting due to ceramic disc technology

Technical lead

- ✓ Parallel softener columns for uninterrupted operation
- ✓ Leakage protection with micro-leakage detection
- ✓ Safety module for safeguarding operation in the event of power failure
- ✓ Stagnation-free, forced flow, automatic hygienisation

Space-saving and flexible

- ✓ Compact, space-saving and floor-standing
- ✓ Flexible, space-saving installation: easily accessible, e.g. under the worktop or wall-mounted with optional wall bracket



Operating status



in use



Fault message



This softening system provides soft water 24/7 without interruption



This product can be controlled worldwide via free app / API available



The internet connection is encrypted via TLS



The unit can be connected to the home network via WLAN



A LAN port is available for connection to the home network



Microleakage protection



Function even in case of power failure due to patented safety module



The product has a potential-free contact



Keyboard with digital display integrated



JUDO SOFTwell KP

Softening plant in parallel operation

The advantages at a glance:

Highest comfort

- ✓ 24 h soft water without interruption

Intuitive interaction

- ✓ Control electronics with touch-sensitive keypad and LCD display. Displays operating status, water flow and fault message.
- ✓ Soft-close tank cover
- ✓ Optional connectivity module for connection via WLAN or LAN for worldwide control via app, web browser and API

Economical and resource-saving

- ✓ Minimises regeneration agents, water and energy consumption
- ✓ Long-lasting due to ceramic disc technology

Technical lead

- ✓ Parallel softener columns for uninterrupted operation
- ✓ Stagnation-free, forced flow, automatic hygienisation

Space-saving and flexible

- ✓ Compact, space-saving and floor-standing
- ✓ Flexible, space-saving installation: easily accessible, e.g. under the worktop or wall-mounted with optional wall console



Operating status



in use



Fault message

Clear and self-explanatory: the control panel with signal display

All system functions can be controlled easily and conveniently via the keyboard.

The menu structure is clear and self-explanatory.

Particularly practical and only available from JUDO: the signal display. It uses different background colours to show from a distance which operating status the system is currently in.

* These functions are optional and only available with the „Connectivity Module“ accessory.



This softening system provides soft water 24/7 without interruption



This product can be controlled worldwide via free app / API available *



The internet connection is encrypted via TLS *



Keyboard with digital display integrated



The unit can be connected to the home network via WLAN *



A LAN port is available for connection to the home network *



The product has a potential-free contact

GOOD TO KNOW

JUDO i-soft PRO – Fully automatic softening system with micro leakage protection system

Model		i-soft PRO	
Pipe connection inch		1" ET	
Nominal flow rate according to DIN EN 14743 and pressure loss 1 bar m³/h		2,6	
Nominal flow rate with hardness reduction from 20 °dH to 8 °dH m³/h		4,3	
Salt storage container Capacity kg		32	
Installation dimensions mm	A	Installation length (built-in rotary flange)	195
	A1	Length JQX handwheel to centre of connection (with JQX open)	161
	B	Depth of connection (JQX + JQE)	91
	B1	Depth of JQX wall side to centre of pipe	41
	C	Height of connection above centre of pipe	25
	E	Height of waste water connection	498
	F	Height overflow connection	473
	K	Wide softening plant	372
	L	Deep softening plant	536
	M	Height softening plant	869
	N	Maximum height of water connection (centre of pipe), without hose extension ¹⁾	1.200
	O	Minimum height clearance required to operate the softening plant	1.350
	P	Minimum distance between the hose connection (pipe centre) and the back wall of the softening plant	100
	S	Hose length	800
Order number		8203710	
Resources		Order number	
JUDO regenerating salt According to DIN EN 973 in tablet form per 25 kg.		8839101	
Accessories		Order number	
JUDO floor sensor for i-soft PRO, incl. connection cable 2 metres.		8203561	
Each additional soil sensor (max. 9 pieces): JUDO floor sensor incl. connection cable 2 metres and branch plug.		8203556	
JUDO extension cable for soil sensor, 2 metres.		8203551	
JUDO extension cable for soil sensor, 5 metres.		8203552	
JUDO extension cable for soil sensor, 10 metres.		8203553	

¹⁾ For higher water connection, a hose extension set is available



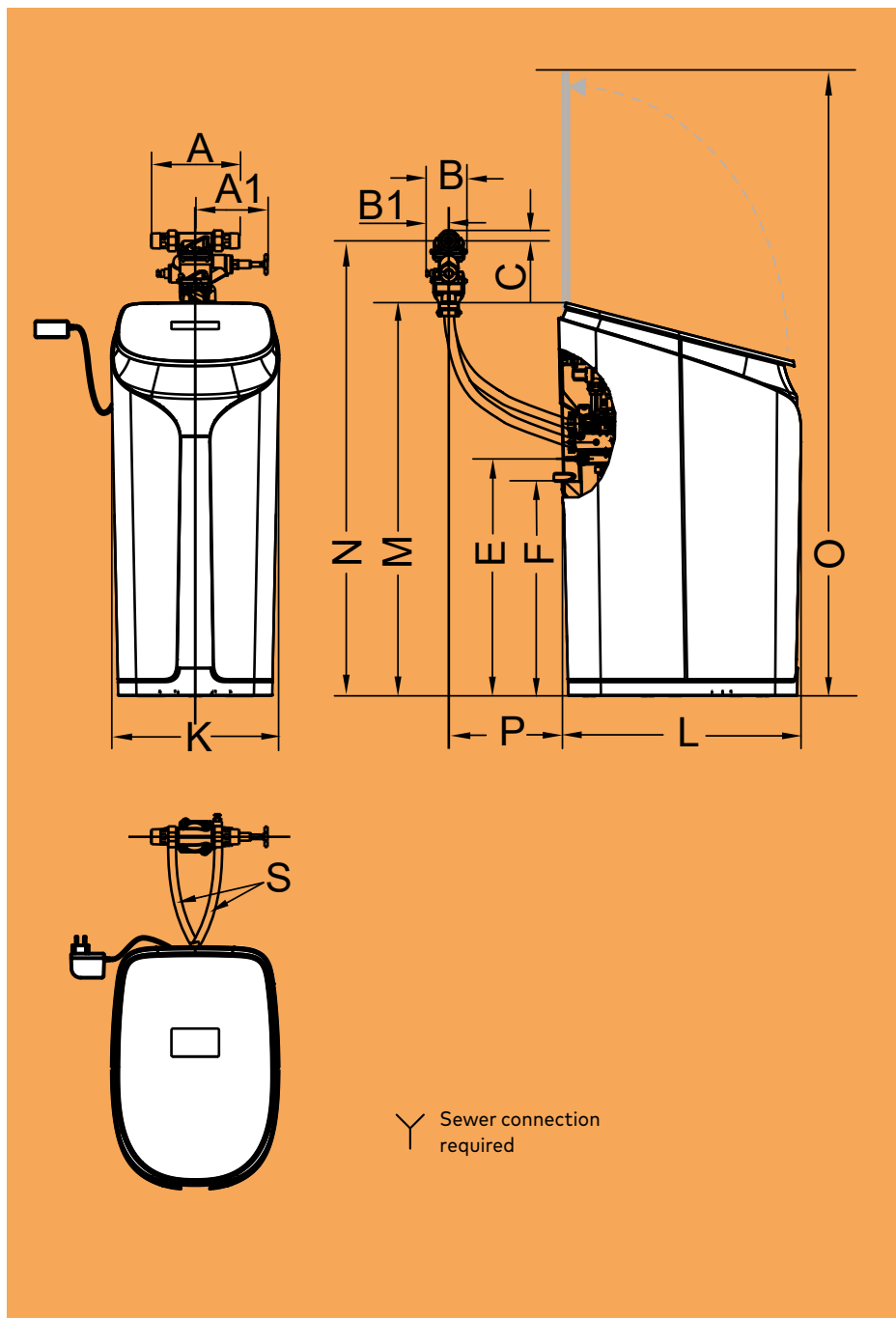
With the ZVSHK quality mark - and the associated service package geared towards the trade - we as a manufacturer are signalling our support for the specialist trade with regard to efficient working along the

entire value chain. The ZVSHK quality mark "Certified manufacturer - quality, safety, service" is the distinguishing mark for this service.



The quality management standard ISO 9001 is the most widespread and important standard in quality management, both nationally and internationally. With the certification according to ISO 9001, we document that our quality management meets the high requirements - and is continuously developed further on the basis of these requirements.

TECHNICAL DATA



The JUDO novelties are distinguished by another quality feature: The DVGW certificate (already awarded or applied for).

With a DVGW certification, it is documented by an independent body that the „generally recognised rules of technology“ and the drinking water suitability of the materials used are complied with.



The German Innovation Institute for Sustainability and Digitalisation (DIND) confirms JUDO Wasseraufbereitung GmbH's future viability and attractiveness as an employer. The seal highlights both the company's innovative strength and its commitment to sustainability.

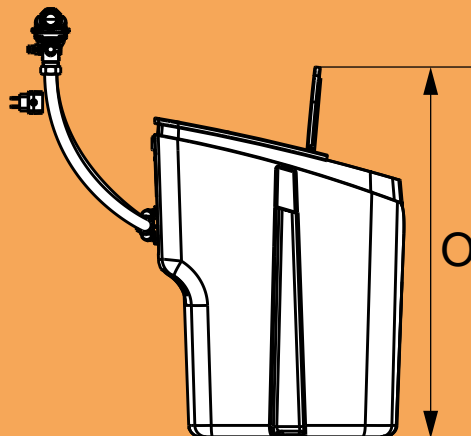
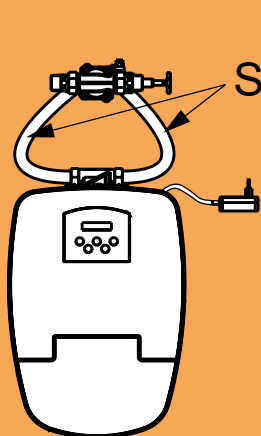
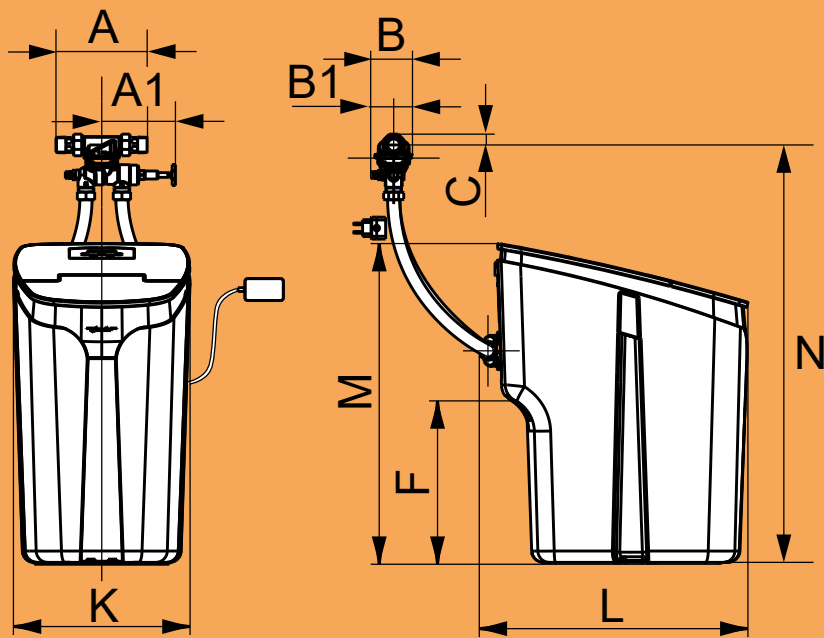
GOOD TO KNOW

JUDO i-soft K SAFE+ – Fully automatic softening system with micro leakage protection system JUDO SOFTwell KP – Softening system

Model			i-soft K SAFE+	SOFTwell KP
Pipe connection inch			1" ET	1" ET
Nominal flow rate according to DIN EN 14743 and pressure loss 1 bar m³/h			2	1,8
Nominal flow rate with hardness reduction from 20 °dH to 8 °dH m³/h			3,3	3
Salt storage container Capacity kg			25	25
Installation dimensions mm	A	Installation length (built-in rotary flange)	195	195
	A1	Length JQU handwheel to centre of connection (with JQU open)	160	160
	B	Depth of connection (JQE + JQU)	95	95
	B1	Depth of JQU wall side to centre of pipe	55	55
	C	Height of connection above centre of pipe	25	25
	F	Height of waste water and safety overflow connection	350	350
	K	Wide softening plant	380	380
	L	Depth of containment	575	575
	M	Height of water softener	685	685
	N	Maximum height of water connection (centre of pipe), without hose extension	1.200	1.200
	O	Height Softener with open salt container lid	795	795
	S	Hose length	1.000	1.000
Order number			8203526	8203528
Resources			Order number	
JUDO regenerating salt According to DIN EN 973 in tablet form per 25 kg.			8839101	
Accessories			Order number	
JUDO wall bracket made of stainless steel (V2A) with mounting material for i-soft K SAFE+ and SOFTwell KP.			2202274	
JUDO floor sensor incl. connection cable 2 metres (only for i-soft K SAFE+)			8203554	
JUDO floor sensor extension set (only for i-soft K SAFE+) Incl. connection cable 2 metres and branch plug (max. 9 pieces).			8203556	
JUDO extension cable 2 metres for JUDO floor sensor (only for i-soft K SAFE+).			8203551	
JUDO extension cable 5 metres for JUDO floor sensor (only for i-soft K SAFE+).			8203552	
JUDO extension cable 10 metres for JUDO floor sensor (only for i-soft K SAFE+).			8203553	
JUDO cable for external fault signal, length 10 metres.			2200717	
JUDO connectivity module with WLAN or LAN connection (optional only for SOFTwell KP)			2202271	

TECHNICAL DATA

i-soft K SAFE+ / SOFTwell KP



Y Sewer connection required



i-soft K SAFE+



SOFTwell KP

WATER IN PERFECTION – SINCE 1936.



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