

Premium-/Longlife-Line



Clean systems for a clear conscience... and a little more cash in your wallet too!



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Art.-Nr. 1931371



Don't welcome rust, grime and lime scale into your home!

Obviously we all want our water installation system kept in the best possible working order – after all it is the packaging for our most important foodstuff: water. Damage to this systems can result in the threat of health and hygiene issues. Above and beyond that damage in a supply system which affects the quality of water provided inevitably means nerve taxing and costly repairs.

Don't run the risk! Combat the main problem causes, corrosion and lime scale, before they can get to work in your system.

And for complete peace of mind for the water you drink out of your tap: the JUDO PURE@TAP units offer additional protection against possible contaminants you can't see in the water you drink.



With a protective filter to fight corrosion

Despite all the efforts made by our water supply companies, small impurities are constantly being swept into the water pipes in our buildings: fine slithers of rust, metal particles, rubber flakes from sealing materials, etc.. When these particles settle on our pipes, corrosion sets in. The results here? Pitting leading to pipe bursts, bacterial colonization, and damaged, dripping fittings and valves. JUDO protective filters prevent these particles entering the system at the point of entry thus avoiding corrosion – and reducing the risk of expensive corrosion damage repairs.



PREMIUM-Line: Silver is the new gold

The name speaks for itself: JUDO PREMIUM-Line protective filters offer a maximum in safety features.

JUDO Silver Screen

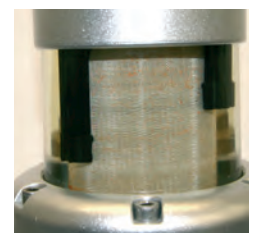
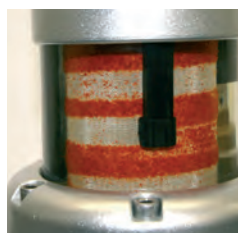
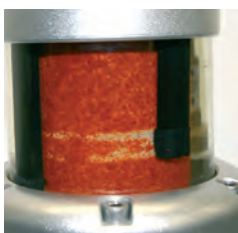
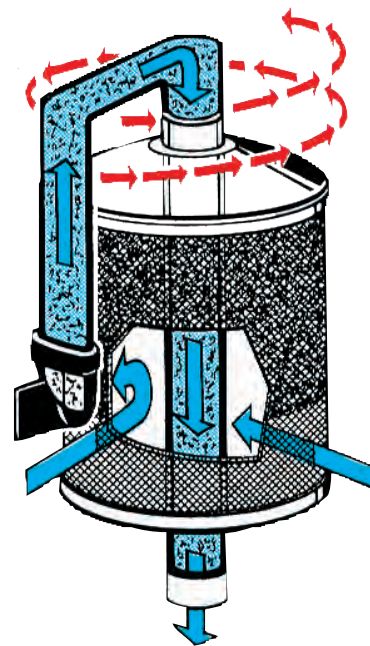
An added level of bacterial build-up prevention. PREMIUM-Line filters contain a silver coated stainless steel mesh filtration screen.

Effective Backwash

A JUDO exclusive: the "Point-Rotation Principle". During backwash, the silver coated sieve is "vacuumed" using filtered water with absolutely no interruption to the incoming water supply.

Economical to operate

No expensive cartridge change, in both manual and automatic backwash versions



JUDO PROFI-PLUS backwash filter: Don't combat corrosion: avoid it in the first place

Efficient, hygienic and economical in the acclaimed JUDO Quality,
"Made in Germany".

Clean

Reliable protection against particle inflow

Hygienic

Silver coated screen

Economical to operate

No expensive cartridge change

Easy to use

Easy backwash with no interruption of incoming water supply



JUDO PROFIMAT-PLUS automatic backwash filter

Available in 2 versions.

- Timer-controlled (AT) with hourly, daily, weekly and monthly backwash options

- Time and pressure differential backwash control (ATP; can be set individually). Ideal for fluctuating water quality or closed loop systems.

Type	JPF+	JPF+	JPF+	JPF+	JPF+
Pipe connection	¾"	1"	1¼"	1½"	2"
Nom. flow rate at 0.2 (0.5) bar pressure loss in m³/h	4.1 (6.7)	4.7 (7.6)	5.3 (8.5)	13 (18)	16 (22)
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	252	280
Width	130	130	130	158	158
Height above pipe centre	280	280	280	348	348
Depth below pipe centre	165	165	165	84	84
Order no.	8010072	8010073	8010074	8107012	8107013

Type	JPF+ -A	JPF+ -A	JPF+ -A	JPF+ -A	JPF+ -A
Pipe connection	¾"	1"	1¼"	1½"	2"
Nom. flow rate at 0.2 (0.5) bar pressure loss in m³/h	4.1 (6.7)	4.7 (7.6)	5.3 (8.5)	13 (18)	16 (22)
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	252	280
Width	133	133	133	158	158
Height above pipe centre	335	335	335	402	402
Depth below pipe centre	165	165	165	84	84
Order no. AT-control	8020104	8020105	8020106	8307012	8307013
Order no. ATP-control	8020107	8020108	8020109	8020069	8020073

JUDO PROFI / PROFIMAT: The PREMIUM-Line for high volume requirements

Large flow volume backwash protective filters are the Premium solution for high volume applications. Fitted with a stable, coated cast iron base and especially engineered for low backwash water consumption. Compact in size and with low consumption for flushing even in larger, multi head units (DN 65 - 200) as the heads here are flushed in series. Integral strainer for the removal of larger particles in the base of the unit.

All larger PREMIUM-Line filters are also available as automatic backwashing units.



Type	JPF	JPF	JPF	JPF	JPF	JPF
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
Nom. flow rate at 0.2 (0.5) bar pressure loss in m ³ /h	25 (28)	50 (65)	60 (78)	100	150	200
Sieve size mm	0.1	0.1	0.1	0.1	0.1	0.1
Dimensions in mm						
Length	240	320	320	560	560	600
Width	185	231	231	250	468	473
Height above pipe centre	350	419	426	446	469	485
Depth below pipe centre	163	172	182	197	215	246
Order no.	8107014	8010033	8010034	8010035	8010036	8010037

Type	JPF-A	JPF-A	JPF-A	JPF-A	JPF-A	JPF-A
Pipe connection	DN 65	DN 80	DN 100	DN 125	DN 150	DN 200
Nom. flow rate at 0.2 (0.5) bar pressure loss in m ³ /h	25 (28)	50 (65)	60 (78)	100	150	200
Sieve size mm	0.1	0.1	0.1	0.1	0.1	0.1
Dimensions in mm						
Length	240	320	320	560	560	600
Width	185	231	231	250	468	473
Height above pipe centre	409	478	487	505	529	544
Depth below pipe centre	163	172	182	197	215	246
Order no. AT-control	8307014	8020033	8020034	-	-	-
Order no. ATP-control	8020038	8020039	8020040	8020035	8020036	8020037

JUDO PROMI domestic water filter station: Corrosion protection and pressure regulation combined

Protective

With integrated pressure regulator to compensate fluctuations in pressure, keep applications running smoothly and save money in water charges and energy costs

Flexible

Exit pressure can be set between 1.5 and 6 bar. Integrated indicators for entry and exit pressure.

Intelligent

The electronic memory reminds you when a backwash is overdue.

Secure

No danger of treated water flowing back into the mains



JUDO PROMIMAT-AT automatic domestic water filter stations

With all the advantages of the PROMI domestic water filter station with added, timer controlled, automatic backwash feature (options: hourly, daily, weekly, monthly)

Type	JPM	JPM	JPM	JPM	JPM
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Nom. flow rate in m ³ /h	2.3	3.6	5.8	9.1	14.0
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	252	280
Width	176	176	176	220	220
Height above pipe centre	280	280	280	348	348
Depth below pipe centre	165	165	165	100	100
Order no.	8170200	8170201	8170202	8150107	8150108

Type	JPM-AT	JPM-AT	JPM-AT
Pipe connection	3/4"	1"	1 1/4"
Nom. flow rate in m ³ /h	2.3	3.6	5.8
Sieve size mm	0.1	0.1	0.1
Dimensions in mm			
Length	180	195	230
Width	176	176	176
Height above pipe centre	335	335	335
Depth below pipe centre	165	165	165
Order no.	8167510	8167511	8167512



LONGLIFE-Line: With unique ceramic disc technology

**Corrosion protection you can rely on at a price that pleases your wallet.
Unique due to the patented ceramic valve technology - a must when using
ceramic valve fittings.**

Practical and economical

Filter cleaning by backwashing – quickly completed, manually or automatically. No expensive and complicated cartridge changes.

Hygienic

Additional bacterial protection due to silver-plated cleaning up unit (3/4" - 1 1/4")

Intelligent engineering

Continuous water supply even during cleaning



JUDO SPEEDY-LONGLIFE backwash filter: Corrosion protection for all those who think ahead

Houses are built for life. The same goes for our filters.

Long working life

Thanks to ceramic disc technology

Water saving

Fast backwash cycle thus less water use

Hygienic

Reliable barrier against dirt inflow and additional bacterial protection due to silver coated cleaning arm (3/4" - 1 1/4")



JUDO SPEEDYMAT-LONGLIFE automatic backwash filter

Comfort

A motor driven unit automatically cleans the filter screen, backwash intervals can be set easily (options: daily, weekly, monthly and every two months).

Safe

A patented power supply back up automatically shuts the flush valve should power fail during backwash.

Type	JSY-LF	JSY-LF	JSY-LF	JSY-LF	JSY-LF
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Nom. flow rate at 0.2 (0.5) bar pressure loss in m ³ /h	3.7 (6.1)	4.4 (7.1)	4.5 (7.3)	7.4 (12.2)	9.2 (15.1)
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	252	280
Width	109	109	109	114	114
Height above pipe centre	122	122	117	33	40
Depth below pipe centre	265	265	270	336	344
Order no.	8070568	8070569	8070570	8070558	8070559

Type	JSY-LF-AT	JSY-LF-AT	JSY-LF-AT	JSY-LF-AT	JSY-LF-AT
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Nom. flow rate at 0.2 (0.5) bar pressure loss in m ³ /h	3.7 (6.1)	4.4 (7.1)	4.5 (7.3)	7.4 (12.2)	9.2 (15.1)
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	252	280
Width	160	160	160	165	165
Height above pipe centre	122	122	117	33	40
Depth below pipe centre	310	310	315	382	390
Order no.	8070571	8070572	8070573	8070566	8070567

JUDO JUKO-LONGLIFE water filtration station: Protecting your system from corrosion and pressure spikes

Protective

The water station is fitted with an integrated pressure regulator which counteracts pressure fluctuations and protects appliances and fittings.

Eco-friendly and economical to operate

Saves big money in water costs in a single family home



JUDO JUKOMAT-LONGLIFE automatic water filtration station

A motor driven unit automatically cleans the filter screen, backwash intervals can be set easily (options: daily, weekly, monthly and every two months). Our patented power supply back up automatically shuts the flush valve should power fail during backwash.

Type	JUKO-LF	JUKO-LF	JUKO-LF	JUKO-LF	JUKO-LF
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Nom. flow rate in m ³ /h	2.3	3.6	5.8	9.1	14.0
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	301	335
Width	130	130	130	108	108
Height above pipe centre	158	158	158	181	181
Depth below pipe centre	270	270	270	356	356
Order no.	8170250	8170251	8170252	8170215	8170216

Type	JUKO-LF-AT	JUKO-LF-AT	JUKO-LF-AT	JUKO-LF-AT	JUKO-LF-AT
Pipe connection	3/4"	1"	1 1/4"	1 1/2"	2"
Nom. flow rate in m ³ /h	2.3	3.6	5.8	9.1	14.0
Sieve size mm	0.1	0.1	0.1	0.1	0.1
Dimensions in mm					
Length	180	195	230	301	335
Width	130	130	130	108	108
Height above pipe centre	158	158	158	181	181
Depth below pipe centre	316	316	316	402	402
Order no.	8170238	8170239	8170240	8170241	8170242



Softening - combating lime scale and all it can cause

Calcium is naturally present in all ranges of water quality. In some regions, however, the content level is very high and we refer to these as “hard water areas”. Calcium, once in its solid form, is known as lime scale and forms ugly build up on taps and showerheads or in boilers and kettles. Lime scale also forms and builds up inside the pipes where it can lead to a whole host of problems:

Increased energy consumption

“Hard water can lead to a drop in operational efficiency and raise the running costs in heating systems – in some cases up to 48 %” (calculated over an average working life of 15 years) according to the WQA Batelle study “Energy saving through water softening” 2010.

Problems with systems hygiene

The rough surfaces formed by lime scale deposits form an ideal backdrop for bacterial colonisation.

Danger of lime scale collapse

Lime scale build up reduces the ability of the pipes to carry the required volumes of water causing blockage and a systems collapse similar to the way that blocked arteries in the body can lead to a heart attack.

A JUDO softening unit removes the offending calcium prolonging the active working life of your system and everything linked to it – thus saving you money long term.

JUDO i-soft TGA 2 - water softness made to measure

A JUDO exclusive: fully automated residual hardness regulation regardless of incoming water quality fluctuation.

Our water is a mix from different supply sources – which means that the degree of hardness present often varies. The JUDO i-soft TGA 2 with its patented water management system automatically counterbalances these fluctuations ensuring a constant residual hardness level at all times.

Should the residual hardness levels need adjusting... simply key the new values directly into the unit and the water management system makes the adjustments for you.

Optimal

Softened water helps save energy, protects pipework, fitting and appliances.

Comfort

For a better feeling on your skin and a reduction in the need for laundry and cleaning agents

Ease of use

Residual hardness regulation at the push of a button

Hygienic

Stagnation-free operation and an automatic disinfection feature

Ease of installation

Mount the unit straight from the box, connect to the pipes, fill salt container, key in residual hardness values and go!



Type: i-soft

Type	i-soft TGA 2	
Pipe connection		1"
Nom. flow rate	m ³ /h	1.8
Capacity	mol	1.2
Salt consumption/regeneration	kg	ca. 0.2
Flush water volume/regeneration	litre	ca. 35
Content brine tank	kg	50
Dimensions in mm		
Length	mm	195
Width	mm	390
Height above pipe centre	mm	165
Depth below pipe centre	mm	465
Order no.		8203026

JUDO QUICKSOFT-DUO parallel softening unit: Softened water nonstop!

Reliable

Dual column parallel softening unit for round-the-clock softened water

Long working life

Thanks to modern ceramic disc technology

Optimum

Regeneration timing thanks to flow control technology

Resource efficient

Reduced salt requirements

Hygienic

Integrated disinfection technology



JUDO QUICKSOFT-UNO single column water softening unit

The economic alternative for enjoyably softened water – in JUDO quality. The JUDO QUICKSOFT-UNO is an extremely robust single-chamber softening unit. The salt saving mode

for regeneration means that a complete cycle is run in less than ten minutes. The QUICKSOFT-UNO also offers all the advantages shown in the QUICKSOFT-DUO.



JUDO QUICKSOFT-C compact softening unit

Reliable

Dual column parallel softening unit for round-the-clock softened water

Long working life

Thanks to modern ceramic disc technology

Ideal

Automatic regeneration with short running times (2 x 8 minutes)

Hygienic

Thanks to integrated disinfection feature

Compact

Wall mounted unit allows flexibility of installation options, integrated brine tank means no floor space is required

Block salt use possible

Minimum storage space requirement



Type		JQS-U	JQS-D	JQS-C
Pipe connection		1"	1"	1"
Nom. flow rate	m ³ /h	1.0	1.6	1.8
Capacity	mol	0.45	0.90	0.90
Salt consumption/regeneration	kg	0.1	0.2	–
Flush water volume/regeneration	litre	12	25	–
Content brine tank	kg	40	40	–
Dimensions in mm				
Length	mm	195	195	195
Width	mm	390	390	565
Height above pipe centre	mm	130	130	175
Depth below pipe centre	mm	360	360	405
Order no.		8200319	8200320	8203027





The complete 'peace of mind' solution! Combining activated carbon with microfiltration.

The water coming out of your tap can contain contaminants absorbed on the way to your tap which the human eye cannot see. In order to ensure your family can enjoy full peace of mind when drinking tap water, additional point of use treatment may be a solution!

The JUDO PURE@TAP drinking water system is, when installed under the counter, a space saving point of use unit providing drinking water with highly reduced levels of contaminants in the incoming water supply whilst, at the same time, ensuring those natural minerals we need to make our drinking water naturally healthy are retained where we need them!



JUDO PURE@TAP

The PURE@TAP Filtration System combines Filter + Filter + Silver. Those 3 elements provide a healthy water:

Activated Carbon Filtration (Type AC)

A high quality Activated Carbon block Filter (approx. filtration efficiency 10 µm) removes particles such as: rust, dirt and also chlorine, pesticide and unwanted odour or taste from your drinking water source.

Microfiltration (Type MF)

Microfiltration cartridge (filtration efficiency 0.2 µm) stops bacteria such as: Legionella, Cysts and Cryptosporidium.

LEGIOLAX

The JUDO LEGIOLAX tube insert with anti-germs silver surface inhibits bacterial growth in the faucet line. With PURE@TAP you will enjoy a potable water, free of contaminants, for your daily needs.



Advantages of the PURE@TAP

- filtration without chemical additives
- ameliorates sensibly the flavour
- eliminates unpleasing odour
- retains harmful materials, bacteria and germs up to 99,99 %
- the minerals are maintained in the water
- easy installation under sink
- filter replacement only every six months
- space saving design
- long-lasting stable housing (PN 10)
- no power connection required
- made in Germany

Type	PURE@TAP
Pipe connection at entry	3/8" IG
Pipe connection at exit	3/8" AG
Nom. flow rate at 2 bar l/min.	2 *
Min./max. operational pressure (bar)	1 / 3.5
Total cartridge capacity (ltr.)	2.000 *
Average cartridge exchange rate in months	4 - 6 *
Effective filtration rate µm	0.2
Water temperature range °C	5 - 30
Dimensions in mm	
Installation length	240
Height above pipe centre	145
Height below pipe centre	72
Installation depth	81
Effective removal rate for: E.coli, vibro cholers, salmonella, Klebsiella, cryptosporidium, giardia	> 99.99 %
Order no.	8115029

Accessories	Order no.
JUDO tap and connector set	8115028
JUDO LEGIOLAX	8230001

Consumables	Order no.
Replacement activated carbon and microfiltration cartridge set	8115025

* Depending on incoming water quality



LEGIOLAX

There is always a good reason to give your drinking water system a lot of thought. We know, it's been keeping us busy for the past 80 years!

Ever since the company was founded back in 1936 we have been designing and developing innovative technologies and processes specifically aimed at optimal water treatment and designed to protect the health, installation systems and appliances used by you, the consumer.

During this long history, JUDO inventions have paved the way into the future of the water treatment industry and set the standards now accepted across the world. From the very first fine scale dosing unit back in 1952, over the first ever protective filter world wide right up to today's fully automatic water softening units.

JUDO products are "Made in Germany" only. They conform not only to the high requirements of German norms and guidelines, but also to the even higher ones we set for ourselves.

Our philosophy is: when it comes down to our most important foodstuff, second best is just not good enough.





Quality MADE IN GERMANY and approved internationally!



The last word in German approvals for the German Gas and Water industries, the DVGW has been setting and controlling the highest levels of product efficiency, health and safety standards enjoyed by the German market for over 150 years and is accepted world wide as one of the best standard levels.



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 recognised as an equivalent standard by such renomated organisations as UL in the USA.



Qualitätsmanagement

Wir sind zertifiziert

Regelmäßige, freiwillige Überwachung nach ISO 9001:2008

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 Craftsman's seal is a guarantee for the highest standards of product quality issued by the German Craftsman's industry in association with the manufacturer's Assoc. and over 5000 regional distribution partners in the heating and sanitation industry in Germany.



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, 23 competent partners with a total marketing investment volume of over 25 million Euros.

achieved for:
High Quality
Design
Ease of Use
Functionality



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.



The swiss water and gas association tests and certifies products ensuring these are in line with the highest current levels of quality, safety and technical suitability for use in gas and water installations.



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

Made in Germany – engineered for the world

All JUDO products are engineered and manufactured exclusively in Germany thus ensuring the high levels of product quality expected. At the same time JUDO is a globally active company represented at world class exhibitions and with many local offices in Europe and beyond as well as reliable any long running partnerships in over 50 countries, and rising!

Our warranty to you, the consumer, of our commitment to your market!



JUDO Head Office, Winnenden, Germany



JUDO BeNeLux, Brussels



JUDO Client Training Centre, Winnenden, Germany



JUDO France, Strassburg



JUDO R&D / Production plant, Backnang, Germany



JUDO Austria, Stockerau



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Qualität
made
in Germany