

JUDO BIOQUELL®-Collection



# BIOQUELL®- COLLECTION

Enjoy the full range of water treatment  
for your home made in Germany.

**judo®**





JUDO Winnenden: Administration



JULIUS DOPSLAFF Campus Winnenden: Training Center



JUDO Waldrems: Development and Production

## Quality made in Germany



Product concept, engineering, testing, production and quality control, all made at our facilities in the south west 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.

## 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, Canada and Australia.

## STRONG PARTNERSHIP

## INNOVATIVE TECHNOLOGY

## SERVICE

## EXPERIENCE

## BEST QUALITY

## MY WATER

## PREMIUM Provider

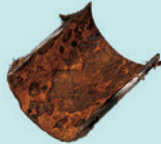
# WATER SUPPLY PROVIDER

Bioquell®-FILT  
backwash sediment filter



removes

sediment  
particle  
rust



Bioquell®-CLEAR  
purifier



removes

odor and  
taste  
heavy metals  
microorganisms

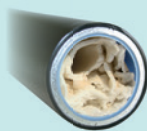


Bioquell®-SOFT  
softener



removes

water hardness  
scale build up



Bioquell®-PURE  
undersink RO



removes

hormones  
antibiotics  
viruses



cooking and  
drinking

## Bioquell® Collection – made by JUDO

Drinking water is the most precious commodity on earth. Around 71% of the surface of our planet is covered with water. Only about 2.5 % of these water resources are fresh water, and only a small part of this is accessible. Just 2.2 billion people worldwide don't have permanent access to clean drinking water. Domestic water is therefore not a matter of course. JUDO offers the optimal water treatment with the state-of-the-art Bioquell® Collection: environmentally friendly, resource-saving and quality driven. A class of its own: BIO stands for sustainability from development to production. QUELL stands for the preservation of natural water from its origin, the source or "Quelle" in German, to the user. The Bioquell® Collection unites international customer requirements for high-quality solutions with advanced, contemporary technology – specifically geared by different standards and individual customer needs. Get inspired by filtration, purification and water softening solutions – holistically thought through and developed according to German sustainability standards.



washing



shower



# JUDO BIOQUELL®-COLLECTION

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 85 years!

## JUDO BIOQUELL®-FILT BP

Backwash protective sediment filter  
with pressure regulation

- ✓ **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  $\frac{3}{4}$ " -  $1\frac{1}{4}$ "



## JUDO BIOQUELL®-FILT B

Backwash protective sediment filter

- ✓ **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  $\frac{3}{4}$ " -  $1\frac{1}{4}$ "



## JUDO BIOQUELL®-CLEAR

The home water purifier

- ✓ **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)**



## JUDO BIOQUELL®-SOFT

Fully automatic water softening unit

- ✓ **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**



## JUDO BIOQUELL®-PURE

Undersink reverse osmosis

- ✓ **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**







Type Bioquell®-FILT BP 3/4" - 1 1/4"

## JUDO Bioquell®-FILT BP 3/4" - 2"

Backwash protective sediment filter with pressure regulation

Type	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" *
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



Type Bioquell®-FILT B 3/4" - 1 1/4"

## JUDO Bioquell®-FILT B 3/4" - 2"

Backwash protective sediment filter

Type	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"
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



Type FILT-A (Automatic upgrade kit)

## 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.

Order number	2170666
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- ✓ Compact upgrade kit
- ✓ Also suitable for retrofitting
- ✓ Easy installation

# JUDO Bioquell®-CLEAR

The whole house purifier

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



Type Bioquell®-CLEAR 250

# JUDO Bioquell®-SOFT 15 - 100

Fully automatic water softening unit

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



Type Bioquell®-SOFT 40

# JUDO Bioquell®-PURE

Undersink reverse osmosis

Type	Bioquell®-PURE
Pipe connection Inch	¾"
Flow rate l/h	1 - 75 **
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	40
Power supply V/Hz	100-230 V / 50/60 Hz
Dimensions W x D x H mm	142 x 375 x 439
Order number	8200390



Type Bioquell®-PURE

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

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



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