

pureliQ







pureliQ filter technology

Experience purity

grünbeck



Why is it so important to install a filter?

- 
Experience purity
 Reliable protection against small particles in the drinking water
- 
Corrosion protection
 Prevention of deposits such as rust particles
- 
System protection
 Prevention of malfunctions in devices and fittings due to impurities
- 
Recommended by experts
 Installation of a filter at the water's point of entry to the house as per DIN EN 806-2

Which filter suits me best?

Fine filter: pureliQ:K/KD

Reliable filter performance over a long period of time simply by changing the filter element. Replacement of the filter element as needed (impurities, increased differential pressure) and every 6 months for hygienic reasons. The pureliQ:KD features a pressure reducer – for constant water output.

Backwash filter: pureliQ:R/RD

Reliable filtration day by day. During the backwash process, the water flows through the filter element in the reverse direction. The particles retained in the filter are washed out via an outlet, together with the backwash water. The pureliQ:RD version also features a pressure reducer.

Automatic filter: pureliQ:A/AD

Convenient filtration by means of an automatic filter. The control unit triggers the backwash process automatically. This not only saves time, but money as well. It doesn't get any easier. The pureliQ:AD is equipped with a pressure reducer.

Experience purity – in design and function

Hygiene starts with the design. With the perfectly designed pureliQ filter series, we set the new bar in water filtration. Intuitive handling and innovative functions make it your filter champion for excellent water purity. Give yourself the gift of more quality of life and maintain the value of your water installations and appliances thanks to pure water.

Grünbeck's pureliQ filters: The new bar for the pure enjoyment of water.

Solid substances such as rust particles or sand grains may cause severe corrosion damage in pipes and fittings. The pureliQ filters make sure that it won't come to that in the first place. They are the essential first step of water treatment and effectively protect water installations in household, trade and industry.

The perfect solution for your needs.

Grünbeck's filter solutions perfectly work in all fields of application. For each and every product is being developed with due diligence and tailored to prevailing needs – designed for today's as well as for future requirements.

Thanks to the newly developed pureliQ filter series, we have exactly the right solution for your needs. And another feature is incorporated: The good feeling that with Grünbeck you will always enjoy high quality, long life cycles and reliable maintenance and service.

Expertise on your side.

Following the installation, Grünbeck Wasseraufbereitung provides a comprehensive filter service. Furthermore, qualified specialist companies of the HVAC and plumbing trade will be pleased to assist you in planning or executing your water treatment projects such as corrosion and heating protection, water softening, reduction of nitrates or sulphates, deferrisation and demanganisation.

pureliQ – for pure filtration



PATENTED

Ergonomic:

Rotatable click connection flange for convenient installation in all kinds of mounting situations



Flexible:

Flexible drain connection for precisely fitting installation and perfect tightness



Protected:

Well thought-out design with inspection window to protect against UV light



Powerful:

Grünbeck's Vortex technology for residue-free cleaning thanks to water turbulences



Accurate:

Hand wheel & interval indicator to accurately set the pipe pressure and maintenance interval



Reliable:

Hose adapter for a clean backwash process even without a drain connection



Installed in a jiffy:
Pre-assembled components – installation within minutes

Design

Setting the bar. In the detail.

The closed design of the pureliQ filter series perfectly protects the filter element from UV light. Thanks to the seamless housing, the surface stays pristine longer and is easy to clean, if needed. Hygienic design for ideal water filtration. Made in Germany.

Installation

Easy as never before. Installed in a jiffy.

As all components are pre-assembled, the installation – which is done by a specialist installer – is completed within a few minutes. The pureliQ's rotatable click connection flange for the first time allows for convenient installation with almost no tools. Perfectly tight – thanks to the filter series' flexible drain connection DN 50 (for backwash and automatic versions) with integrated, free outlet as per DIN EN 1717. All water contacting components are checked for leaks by means of a test process using sterile air.

Function

Excellent water. Child's play.

Everything under control. The pressure reducer's specially shaped hand wheel to set the pipe pressure as well as the clearly legible interval indicator for filter regeneration or replacement of the filter elements make the operation of the filter even easier. During the backwash process, Grünbeck's Vortex technology (for backwash and automatic versions) generates a powerful water turbulence that reliably removes all residue. The anti-slip grip pads ensure optimum operating convenience. For the floor to stay dry even during a backwash process where no drain connection is available, a hose adapter is supplied with every pureliQ:R and RD filter. The highly convenient automatic filters pureliQ:A and AD feature individually adjustable backwash intervals which can be set to four different time spans – 7, 30, 60 or 90 days. This provides the additional safety that dirt particles are washed out reliably and in due time.



Operating panel for individually adjustable backwash intervals for pureliQ:A and AD versions



Filter element for pureliQ:K and KD versions

WATER KNOWLEDGE

According to DIN EN 806-5, A, the filter element has to be replaced or a backwash process must be carried out for hygienic reasons every 6 months in order to ensure the optimum filtration performance and hygiene of the filter system.

New, effective filter element in sturdy design

- More effective material quality**
Retains impurities and particles even more reliably
- Sturdy support body**
More convenience and hygiene when replacing the filter element

Automatic filter pureliQ:AD with pressure reducer

pureliQ – the new bar



	K	KD	R	RD	A	AD
Click connection flange	✓	✓	✓	✓	✓	✓
Smooth organic design	✓	✓	✓	✓	✓	✓
Ergonomically shaped pressure reducer hand wheel		✓		✓		✓
Hose adapter			✓	✓		
Vortex technology			✓	✓	✓	✓
Flexible drain connection			✓	✓	✓	✓
Compact motor					✓	✓
Automatic backwash					✓	✓



Perfect teamwork for more softness, purity and safety

Together, the **pureliQ** filter series and the **softliQ** water softeners provide a water quality that will amaze you. In addition, the **protectliQ** safety fitting provides optimum protection against water damage. Because we think that it should be easy for you to experience water at its best: soft, pure and safe.

Technical specifications	pureliQ:K			pureliQ:KD		
	20	25	32	20	25	32
Nominal diameter [DN]	20	25	32	20	25	32
Connection diameter	¾"	1"	1 ¼"	¾"	1"	1 ¼"
Filter fineness (upper/lower pore size) [µm]	100 (120/80)					
Water/ambient temperature [°C]	30/40					
Installation length w/wo screw connection [mm]	185/100	182/100	191/100	185/100	182/100	191/100
Nominal pressure	PN 16					
Nominal flow Δp = 0.2 bar [m³/h]	2.8	3.7	4.0	-		
Nominal flow Δp = 0.5 bar [m³/h]	4.5	6.0	6.3	-		
Nominal flow as per DIN EN 1567 [m³/h]	-			2.3	3.6	5.8
Order no.	101 220	101 225	101 230	101 270	101 275	101 290

Accessories	Replacement filter elements 100 µm (2 pieces)
Order no.	101 272e

Technical specifications	pureliQ:R			pureliQ:RD		
	20	25	32	20	25	32
Nominal diameter [DN]	20	25	32	20	25	32
Connection diameter	¾"	1"	1 ¼"	¾"	1"	1 ¼"
Filter fineness (upper/lower pore size) [µm]	100 (120/80)					
Water/ambient temperature [°C]	30/40					
Installation length w/wo screw connection [mm]	185/100	182/100	191/100	185/100	182/100	191/100
Nominal pressure	PN 16					
Nominal flow Δp = 0.2 bar [m³/h]	3.2	4.2	5.0	-		
Nominal flow Δp = 0.5 bar [m³/h]	5.1	6.7	8.0	-		
Nominal flow as per DIN EN 1567 [m³/h]	-			2.3	3.6	5.8
Order no.	101 320	101 325	101 330	101 370	101 375	101 380

Technical specifications	pureliQ:A			pureliQ:AD		
	20	25	32	20	25	32
Nominal diameter [DN]	20	25	32	20	25	32
Connection diameter	¾"	1"	1 ¼"	¾"	1"	1 ¼"
Filter fineness (upper/lower pore size) [µm]	100 (120/80)					
Water/ambient temperature [°C]	30/40					
Installation length w/wo screw connection [mm]	185/100	182/100	191/100	185/100	182/100	191/100
Nominal pressure	PN 16					
Nominal flow Δp = 0.2 bar [m³/h]	3.2	4.2	5.0	-		
Nominal flow Δp = 0.5 bar [m³/h]	5.1	6.7	8.0	-		
Nominal flow as per DIN EN 1567 [m³/h]	-			2.3	3.6	5.8
Order no.	101 420	101 425	101 430	101 470	101 475	101 480

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The rotatable click connection flange Easy as never before. Installed in a jiffy.

The pureliQ's rotatable click connection flange allows the filter's convenient installation in all kinds of mounting situations – with almost no tools. Thanks to the pre-assembled components, it can be installed within a few minutes.



A company certified by TÜV SÜD
In accordance with DIN EN ISO 9001,
ISO 14001 and SCC®
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