



ULTRAFILTER
THE FILTRATION MANUFACTURER

Kronsbein ultrafilter®



ultrafilter
High Performance Industrial Filter

ultrafilter: the most convincing and eco

ultra.filter high performance filter

ultrafilter high performance industrial filter - the intelligent filter system guarantees compressed air pure and safe. The system is technically superior.

- Three-part filter housing construction
- Patented high performance filter elements
- Automatic, electronic level-controlled condensate drain with a specification including.
- Continuous energy consumption monitoring

High performance nano-filter elements

The new ultra.air high performance filter elements achieve an efficiency of 99,99998% thanks to the unique combination of binder free nano- fibre non-woven fabric and pleating technology. This brilliant innovation ensures a energy cost reduction of 70%!



The secret of this vast increase in performance lies in the pleating of the nano-filter media. The pleating process mechanically folds the non-woven filter media many times. This makes the filter area 450% larger than that of a conventional filter element.

- Low differential pressure
- Improved filtration efficiency

- Larger dirt holding capacity
- 70% lower energy costs

Safe and easy connection with modular concept

Robust flanged connection enables the filter housings to be securely and simply combined with a one sealing surface.



Flexible wall mounting

Individual filter housings or combinations can be firmly mounted by means of robust mounting brackets. The distance between filter and fixture surface can be adjusted as required.



The energy cost monitor

The energy cost monitor shows the optimum time to exchange the filter element when most economical. Optionally the signal can be remote transmitted.

onomical high performance filter system



The shutoff valve

The ultrafilter is supplied with a factory fitted shutoff valve so that the condensate drain can be maintained without interrupting the compressed air supply.

The ultra.drain condensate drain

With the combination of a high performance filter and condensate drain Ultrafilter offers an integrated system solution that guarantees the ultimate in operating security. The automatically operating condensate drain ultra.drain is electronically level controlled which discharges condensate without loss of compressed air.

Superior construction of the three-part filter housing

- The fastening ring guarantees secure opening and sealing of the housing
- Audible alarm sound to prevent opening of the filter housing under pressure
- Secure sealing of housing components due to cone and o-ring connection
- Push and turn technology ensures easy exchange of filter element
- Minimal pressure loss due to improved flow technology
- Long life thanks to epoxy resin coating Conical design and smooth lower filter zone
- ensures no condensate is transferred

Quality products with 10 years working guarantee

In order to produce ultrafilter, only the best components that meet the high quality standards of production. The Quality Assurance system according to ISO 9001 means that all appliances receive the "Quality Product" certificate. In combination with the maintenance-friendly and user-friendly method of construction, this guarantees absolute reliability and security of operation, guaranteed by the ten-year operating guarantee.

Technical Data – ultrafilter high performance filter

	Housing size	volumeflow		Connec- tion	Filter element	
		nominal	maximal		Size	qty.
		m³/h	m³/h	R/DN		
	0002	20	40	R 1/4	02/05	1
	0004	40	60	R 3/8	03/05	1
	0006	60	90	R 3/8	03/10	1
	0009	90	120	R 1/2	04/10	1
	0012	120	180	R 1/2	04/20	1
	0018	180	270	R 3/4	05/20	1
	0027	270	360	R 1	05/25	1
	0036	360	480	R 1 1/4	07/25	1
	0048	480	720	R 1 1/2	07/30	1
	0072	720	1080	R 2	10/30	1
	0108	1080	1440	R 2	15/30	1
	0144	1440	1920	R 2 1/2	20/30	1
	0192	1920	2880	R 3	30/30	1
	0288	2880	4320	R 3	30/50	1
	0108	1080	1440	DN 50	15/30	1
	0144	1440	1920	DN 65	20/30	1
	0192	1920	2880	DN 80	30/30	1
	0288	2880	4320	DN 80	30/50	1
	0432	4320	5760	DN 100	20/30	3
	0576	5760	7680	DN 100	30/30	3
0768	7680	11520	DN 150	30/30	4	
1152	11520	15360	DN 150	30/30	6	
1536	15360	19200	DN 200	30/30	8	
1920	19200	23040	DN 200	30/30	10	
2304	23040	30720	DN 250	30/30	12	
3072	30720	38400	DN 250	30/30	16	
3840	38400	51072	DN 300	30/30	20	

technical alterations reserved