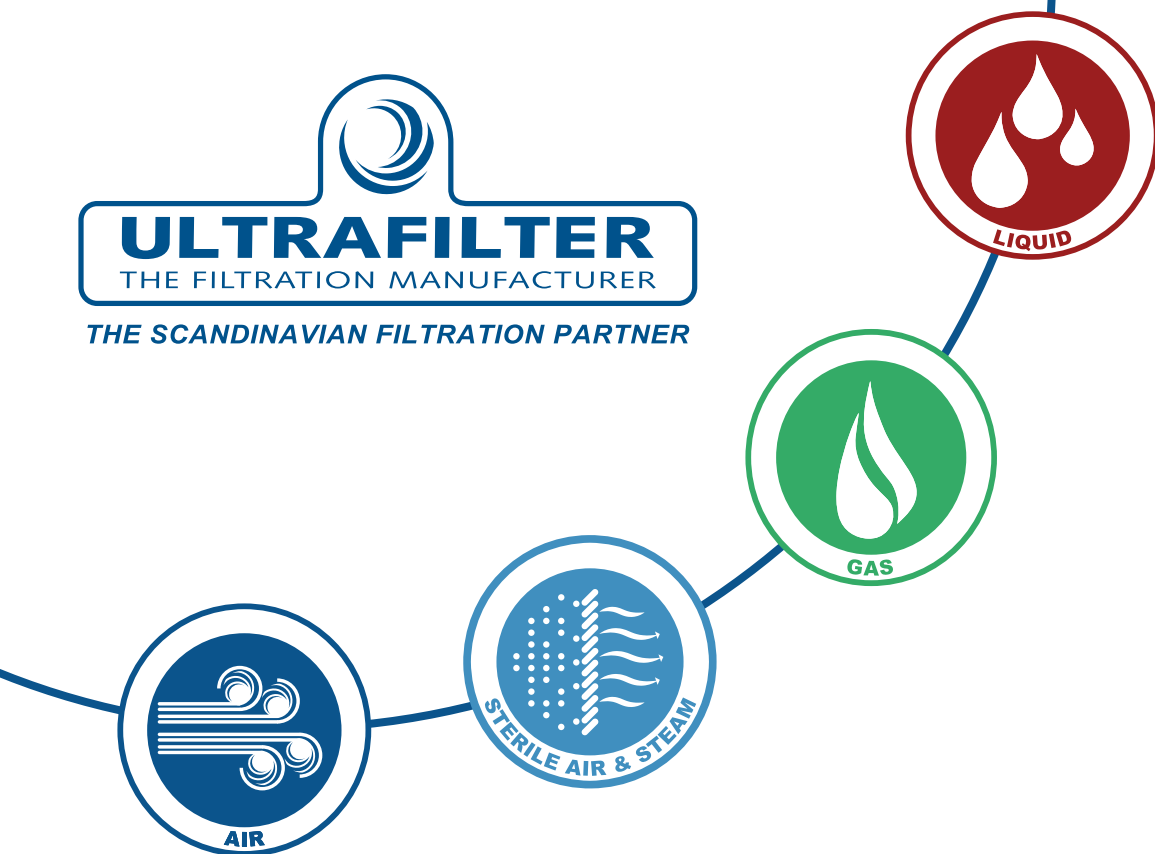



ULTRAFILTER
THE FILTRATION MANUFACTURER
THE SCANDINAVIAN FILTRATION PARTNER



ULTRAFILTER AKK2 FILTER ELEMENT

WWW.ULTRA-FILTER.COM

ACTIVATED CARBON

AKK2



Technical Data

Activated Carbon and Borosilicate

1,5 - 45°C

0-16 barg

Max. 1250 mbar @ 20°C

Aluminium end caps

NBR

Residual oil content: < 0,003 mg/m³

Lifetime: 2000-4000 hours (6 months)

New AKK2 two stage filter elements have been specifically developed for high efficient removal of oil vapours and odours from compressed air. In first stage activated carbon pellets removes specified substances from the air and in second stage depth fiber filter media intercepts all activated carbon dust particles. AKK2 filter elements are also ideal for breathing air applications. It is essential that coalescing filter element is installed as prefilter to AKK2 grade filter.

Applications

- General industrial application
- Automotive
- Electronics
- Food & Beverage
- Chemical
- Petrochemical
- Plastics
- Paint
- Medical, Dental
- Breathing air

Model	Flow (Nm ³ /h)	Filter Housing Size	Activated carbon (g)	Dimensions (mm)	
				Height	Ø
AKK2 04/20	120	0012	45	104	52
AKK2 05/20	180	0018	65	128	52
AKK2 05/25	270	0027	80	128	62
AKK2 07/25	360	0036	145	180	62
AKK2 07/30	480	0048	235	180	86
AKK2 10/30	720	0072	400	254	86

Correction factor:

Operating pressure	bar	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factor	K1	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

ACTIVATED CARBON

AKK2



Model	Differential Pressure (mbar) at % of nominal flow			
	25%	50%	75%	100%
AKK2 04/20	25	50	75	100
AKK2 05/20	30	60	90	120
AKK2 05/25	65	130	200	270
AKK2 07/25	120	240	360	480
AKK2 07/30	160	330	490	660
AKK2 10/30	310	620	935	1250

To reach required pressure drop reduce the flow.

*It is strongly recommended to reduce the flow so that pressure drop is below 350mbar

Materials

Adsorption material	Activated carbon
Filter media	Borosilicate micro fibres
Support	Stainless steel 1.4301
Bonding	Polyurethane
Endcaps	Aluminium
Sealing	NBR

ISO 8573-1 Class

Solid particles	Class 2
Dewpoint	-
Oil	Class 0/1



ULTRAFILTER

THE FILTRATION MANUFACTURER

THE SCANDINAVIAN FILTRATION PARTNER

SHOP ONLINE

At www.ultra-filter.com you will find a wide selection of filtration products ready for you to order.



www.ultra-filter.com

ABOUT US

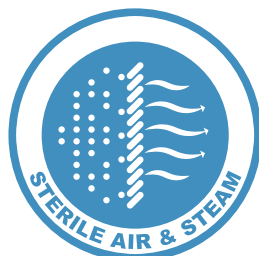
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

You can buy our products on local websites. Information about our products as well as brochures and manuals can be found on our website (www.ultra-filter.com).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you. We also offer on going service on our products once they are installed.

FILTRATION OF



ULTRAFILTER SKANDINAVIEN APS

Sunekær 1
5471 Søndersø
Denmark

+45 82 30 30 20
info@ultra-filter.com
www.ultra-filter.com