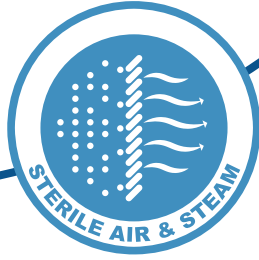


  
**ULTRAFILTER**  
THE FILTRATION MANUFACTURER  
THE SCANDINAVIAN FILTRATION PARTNER



**ULTRAFILTER HIGH PRESSURE FILTER HOUSING**






**WWW.ULTRA-FILTER.COM**

# HIGH PRESSURE FILTER HOUSING

HD



## Technical Data

-  Aluminium or carbon steel
-  25, 40, 64, 100, 250 or 400 bar
-  -10 to +80°C
-  Perbunan Gasket
-  PED

Element compatibility:

SB, PE, FF, MF, SMF, AK & AKK

The Ultrafilter HD high pressure filter housings are designed for the purification of compressed air and gases.

Due to the modular design of the housings different filter elements can be used.

A multitude of housings with different connections, allow to match the requirements of the application, e. g. the compressor size. This product series offers 8 different housings ranging from a volume flow of 30 m<sup>3</sup>/h to 720 m<sup>3</sup>/h, in the pressure stages PN 25 to PN 400 (related to 7 bar (ü) and 20°C).

## Features and advantages

- 6 pressure stages from PN 25 to PN 400.
- 8 housing sizes to match compressor performance.
- Anodized aluminium (up to PN 64) or carbon steel housings (exceeding PN 100).

### Classification acc. to 97/23/EN

Size	PN 25	PN 40	PN 64	PN 100	PN 250	PN 400
HD 0003	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0006	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0012	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0018	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0027	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0036	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3	Art. 3 par 3
HD 0048	Art. 3 par 3	Cat. I	Cat. I	Cat. I	Cat. II	Cat. II
HD 0072	Cat. I	Cat. I	Cat. I	Cat. II	Cat. II	Cat. III
Max. operating pressure	25 bar	40 bar	64 bar	100 bar	250 bar	400 bar
Test pressure	36 bar	57,2 bar	92 bar	143 bar	357,2 bar	572 bar
Material	Aluminium EN AW 5754			Carbon Steel 22.8		
Surface finish	Anodized			Electroless nickel		

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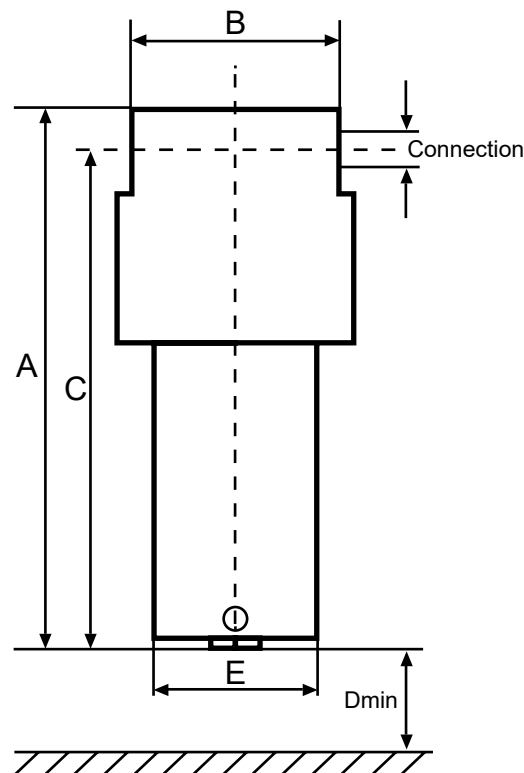
HD



Model	Pressure PN	Flow @ 7 bar m³/h	Connection in/out	Filter Element	Dimensions (mm)				
					A	B	C	D	E
HD 0003	25-64 bar	30	1/4"	03/05	165	85	145	130	65
HD 0003	100-400 bar	30	1/4"	03/05	170	85	150	130	70
HD 0006	25-64 bar	60	3/8"	03/10	165	85	145	130	65
HD 0006	100-400 bar	60	3/8"	03/10	170	85	150	130	70
HD 0012	25-64 bar	120	1/2"	04/20	205	105	185	190	75
HD 0012	100-400 bar	120	1/2"	04/20	210	105	190	190	85
HD 0018	25-64 bar	180	3/4"	05/20	230	105	205	190	75
HD 0018	100-400 bar	180	3/4"	05/20	235	105	215	190	85
HD 0027	25-64 bar	270	1"	05/25	235	119	210	190	90
HD 0027	100-400 bar	270	1"	05/25	250	119	220	190	100
HD 0036	25-64 bar	360	1 1/4"	07/25	290	119	255	250	90
HD 0036	100-400 bar	360	1 1/4"	07/25	305	119	270	250	100
HD 0048	25-64 bar	480	1 1/2"	07/30	315	150	280	250	115
HD 0048	100-400 bar	480	1 1/2"	07/30	330	150	295	250	130
HD 0072	25-64 bar	720	2"	10/30	405	186	365	340	130
HD 0072	100-400 bar	720	2"	10/30	420	186	380	340	150

Correction factor:

Operating pressure	bar	7	25	40	64	100	250	400
Correction factor	K1	1	3	5	8	12	12	12





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## SHOP ONLINE

At [www.ultra-filter.com](http://www.ultra-filter.com) you will find a wide selection of filtration products ready for you to order.



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## ABOUT US

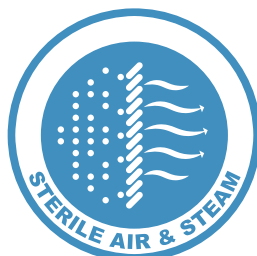
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

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](http://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](mailto:info@ultra-filter.com)  
[www.ultra-filter.com](http://www.ultra-filter.com)