

# FILTRATION THREADED FILTERS

## D Series



D02-D16



D20-D32

The D series threaded filters offer the best possible solution for cost-effective filtration while meeting all standards. Our filter media are manufactured using pleating technology to allow a larger filtration area. Two-piece filter housing with bayonet lock (D02-D16) and profile screw connection (D20-D32) for easy service and maintenance.

### D series threaded filters in compliance with DGRL 2014/68/EU

#### Standard version

Filter housings incl. element, drain, and differential pressure indicator (DP13)

Filter classes U, H, and S: automatic drains (stainless steel); filter classes P and C: semi-automatic drain (brass)

Standard color: RAL5015. Plastic element end caps.

Order no.	Connection type	Connection	Operating pressure	m <sup>3</sup> / min	m <sup>3</sup> / h	Filter element
D02*	Thread	1/4"	16 bar	0.83	50	EDA02
D04*	Thread	3/8"	16 bar	1.25	75	EDA04
D06*	Thread	1/2"	16 bar	1.83	110	EDA06
D08*	Thread	3/4"	16 bar	2.83	170	EDA08
D10*	Thread	1"	16 bar	5.00	300	EDA10
D12*	Thread	1 1/2"	16 bar	8.33	500	EDA12
D14*	Thread	1 1/2"	16 bar	10.83	650	EDA14
D16*	Thread	1 1/2"	16 bar	13.33	800	EDA16
D20*	Thread	2"	16 bar	16.67	1,000	EDA20
D22*	Thread	2"	16 bar	21.67	1,300	EDA22
D24*	Thread	2 1/2"	16 bar	29.17	1,750	EDA24
D26*	Thread	2 1/2"	16 bar	37.17	2,230	EDA26
D30*	Thread	3"	12 bar	43.33	2,600	EDA30
D32*	Thread	3"	12 bar	50.00	3,000	EDA32

\* Please select the required filter class

Filter class	P	U	H	S	C
Oil removal: mg/m <sup>3</sup>	n/a	0.1	0.01	0.001	0.003
Particle removal: Micron	3.0	1.0	0.01	0.01	n/a

### Corrective Factors

Operating pressure	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Factor f	0.25	0.38	0.50	0.65	0.75	0.88	1.00	1.13	1.25	1.38	1.50	1.63	1.75	1.88	2.00	2.13

## Options

Without mounting material, excl. transport packaging

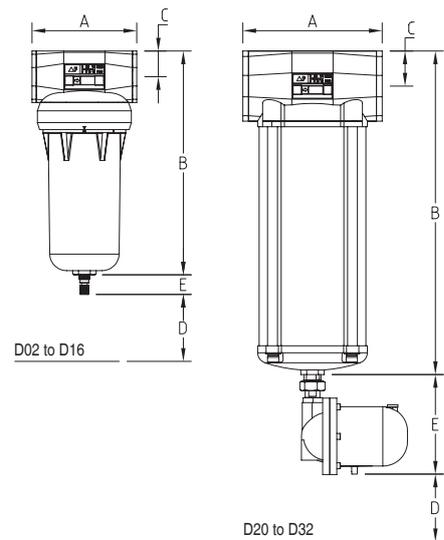
Order no.	Description
I5	Standard version automatic drain IAD516A for filter classes U, H, and S (D02-D16)
E4	Standard version automatic drain EAD416 for filter classes U, H, and S (D20-D32)
S1	Standard version semiautomatic drain SAD116 for filter classes P and C (D02-D16)
S2	Standard version semiautomatic drain SAD216 for filter classes P and C (D20-D32)
Z1	Electronic condensate drain ESD100 (D02-D24)
Z2	Electronic condensate drain ESD150 (D26-D32)
DP13	Standard version differential pressure indicator for filter classes P, U, H, and S (suitable for all AFE complete filters, D series)
BV116	Manual drain BV116 (suitable for all AFE complete filters)
MB0208	Wall mount (D02-D08)
MB1016	Wall mount (D10-D16)
CK-2D0208	Connection kit for 2 housings D02-D08
CK-2D1016	Connection kit for 2 housings D10-D16
CK-3D0208	Connection kit for 3 housings D02-D08
CK-3D1016	Connection kit for 3 housings D10-D16



## Size Dimensions (mm) / Weight (kg)

Dimensions are approximate values. Technical changes reserved.

Model	A	B	C	D	Weight
D02	104	193.50	96.40	55	0.77
D04	104	216.50	96.40	65	0.79
D06	104	216.50	96.40	75	0.82
D08	104	266.50	96.40	125	0.87
D10	148	276.80	137.70	110	1.87
D12	148	346.80	137.70	180	2.18
D14	148	486.80	137.70	270	2.64
D16	148	486.80	137.70	320	2.70
D20	197	603.60	190.40	330	7.17
D22	197	703.60	190.40	430	8.22
D24	197	803.60	190.40	530	9.24
D26	197	903.60	190.40	630	10.26
D30	255	752.20	207.80	450	13.70
D32	255	852.20	207.80	550	15.03



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## AFE Filter Classes

With support sleeve made of stainless steel, pleated filter medium, highly resistant needle felt sleeve, plastic end caps

Filter class	Filter type	Description
Class P	Particle filter	Particle removal down to 3 microns
Class U	Universal filter	Particle removal down to 1 micron, residual oil content down to 0.01 mg/m <sup>3</sup> at 20 °C
Class H	High-performance filter	Particle removal down to 0.01 micron, residual oil content down to 0.01 mg/m <sup>3</sup> at 20 °C
Class S	High-performance filter	Particle removal down to 0.01 micron, residual oil content down to 0.001 mg/m <sup>3</sup> at 20 °C combined with filter class H
Class C	Activated carbon filter	For the adsorption of oil vapors, residual oil content down to 0.003 mg/m <sup>3</sup> at 20 °C combined with filter class H



Class P



Class U



Class H



Class S



Class C

## Replacement Elements

With plastic end caps

Order no.	Description
EDA02*-P	For AFE complete filter D02
EDA04*-P	For AFE complete filter D04
EDA06*-P	For AFE complete filter D06
EDA08*-P	For AFE complete filter D08
EDA10*-P	For AFE complete filter D10
EDA12*-P	For AFE complete filter D12
EDA14*-P	For AFE complete filter D14
EDA16*-P	For AFE complete filter D16
EDA20*-P	For AFE complete filter D20
EDA22*-P	For AFE complete filter D22
EDA24*-P	For AFE complete filter D24
EDA26*-P	For AFE complete filter D26
EDA30*-P	For AFE complete filter D30
EDA32*-P	For AFE complete filter D32

\* Please select the required filter class

Filter class	P	U	H	S	C
Oil removal: mg/m <sup>3</sup>	n/a	0.1	0.01	0.001	0.003
Particle removal: Micron	3.0	1.0	0.01	0.01	n/a

## Maintenance / Replacement

Without mounting material, excl. transport packaging

Order no.	Description
IAD516A	Standard version automatic drain IAD516A for filter classes U, H, and S (D02-D16)
EAD416	Standard version automatic drain EAD416 for filter classes U, H, and S (D20-D32)
SAD116	Standard version semiautomatic drain SAD116 for filter classes P and C (D02-D16)
SAD216	Standard version semiautomatic drain SAD216 for filter classes P and C (D20-D32)
ESD100	Electronic condensate drain ESD100 (D02-D24)
ESD150	Electronic condensate drain ESD150 (D26-D32)
DP13	Differential pressure indicator for filter classes P, U, H, and S (suitable for all AFE complete filters, D series)
BV116	Manual drain BV116 (suitable for all AFE complete filters)
MB0208	Wall mount (D02-D08)
MB1016	Wall mount (D10-D16)
CK-2D0208	Connection kit for 2 housings D02-D08
CK-2D1016	Connection kit for 2 housings D10-D16
CK-3D0208	Connection kit for 3 housings D02-D08
CK-3D1016	Connection kit for 3 housings D10-D16



IAD516A



EAD416



SAD116



SAD216



ESD100-150



DP13



BV116



Wall mount



Connection kit

Differential pressure gauge DP13

Bayonet connector

Aluminum housing

Pleated filter medium

Condensate Drain

Manual drain valve



# Nordic Filtration

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

Nordic Filtration offers a wide selection of filtration products for water treatment. We have stock in Denmark from where we distribute all of our products to Scandinavia and the the rest of the world.

You can buy our products on local websites or by contacting us by phone or e-mail. Information about our products as well as brochures and manuals can be found on our website ([www.nordicfiltration.com](http://www.nordicfiltration.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.

