



FILTER ELEMENT – ODHE AC/A AI

Alternative filter elements for Domnick Hunter

Series: Oil-x Evolution

DESCRIPTION

ODHE AC/A filter elements have been developed for high efficient removal of oil, hydrocarbons, vapours and odours from compressed air.

FILTER ELEMENT RATING ACCORDING TO ISO 8573-1

Filtration grade	Solid particles class	Water class	Oil class
AC/A	1*	/	0/1

Validated according to ISO12500-1, ISO12500-2 and ISO12500-3

* Valid if "S" filter cartridge is installed upstream

TECHNICAL SPECIFICATION

	AC/A
Operating temperature	1,5 - 45 °C/ 35 - 113 °F
Operating pressure	0 - 16 barg/ 0 - 232 psi
Differential pressure (dry)	60 mbar/ 0,870 psi
Differential pressure (wet)	/
Particle retention (nominal)	/
Particle retention rate ISO ⁽³⁾	/
Residual oil content ⁽⁴⁾	< 0,005mg/m ³
Flow Direction	INSIDE to OUTSIDE
Capacity (ISO12500-2) ⁽⁵⁾	20 min

⁽³⁾Tested according to ISO12500-3, 1bar(a), nominal flow, 06050 R, M, S, MPPS-(0,3µm)

⁽⁴⁾Tested according to ISO12500-1, 06050 M, S Oil aerosol viscosity 32mm²/s, inlet concentration 10mg/m³

⁽⁵⁾Tested according to ISO12500-2, 06050 A, tested with n-Hexane, test concentration 100mg/kg, 80% Saturation

CORRECTION FACTORS

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s). CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C_{OP}

OPERATING PRESSURE

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C _{OP}	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

MATERIALS

	AC/A
Filter media	Borosilicate micro fibers
Protection media	Polyester fleece
Drainage media	/
Adsorption media	Activated carbon granulate
Support (inner-outer)	Stainless steel 1.4301
Bonding	Polyurethane
Endcaps	Aluminium
Sealing	NBR

SIZES

Model	Diameter [mm]	Height [mm]	Flow Capacity [Nm ³ /h]	Flow Capacity [scfm]	Fits into filter housing
ODHE 010 AC/A AI	37	70	22	13	010
ODHE 015 AC/A AI	48	91	46	27	015
ODHE 020 AC/A AI	48	111	90	53	020
ODHE 025 AC/A AI	68	131	143-231	84-136	025
ODHE 030 AC/A AI	68	220	305	180	030

MAINTENANCE

Replace filter element at least every 6 months.



Strength

- We export to almost 100 countries.
- We have more than 2000 global customers.
- We can provide a total filtration solution.

- Filter-Online & Nordic Filtration offers a wide selection of filtration products for Domestic and Industrial Application.

- You can buy our products on our 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 websites:

www.filter-online.com for Domestic Products

nordicfiltration.com for Industrial Products

We distribute many of our products from our stock in Denmark. Some products are shipped from remote stock.



Filter-Online & Nordic Filtration ApS
Glasvænget 6
5492 Vissenbjerg
Denmark

Filter-Online
+45 70 40 42 22
info@filter-online.com
www.filter-online.com

Nordic Filtration
+45 72 25 10 00
info@nordicfiltration.com
nordicfiltration.com