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## COMPRESSED AIR FILTERS

### EDF & D-MT SERIES

*EDF Series*



*D-MT Series*



- ★ Max. Working Pressure: 16 Bar
- ★ Max. Working Temperature: 80 °C
- ★ Pipeline sizes: Rc1/2" - Rc 3"
- ★ Air flow rates: 1m<sup>3</sup>/min - 37.2m<sup>3</sup>/min.

EDF SERIES

- ★ Advanced die-casting technology and design ideas.
- ★ Exquisite appearance, bright color show new series products different.
- ★ New series elements made by imported fiber glasses with pleated way, which largely improve filtering area and effect.
- ★ New series design tighten and direction marks, make users easily install and maintain products.
- ★ New series filter heads designed with inner elbow, let compressed air more gather and smoothly flow into elements.
- ★ 4" aluminum alloy casting filter housings born which largely replace the uses of flange products and reduce the costs of purchase, transportations and maintenance.
- ★ Filter housings life time can reach 10 years through anti corrosion treatment under suggest working condition .
- ★ Treatment ,According to different working conditions ,elements life time can reach 7000-8000hrs.



Details make new series different



Comparison chart of anti-corrosive treatment.



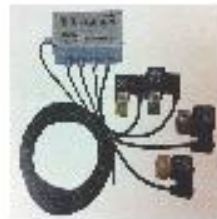
ACCESSORIES



SCE Time - controlled auto drain



Auto Drain - AOK 20



Timer controlled multi-point condensate drain



Compressed air energy saver (1)



Compressed air energy saver (2)



Monitoring product

**FILTER ELEMENTS**

★ P grade filter elements

Media: pleated paper acetate fibers able to store different particle sizes without clogging.

★ M and S grade filter elements

Media: 4 phase filtration with a pleated polypropylene external and internal layer and 2 pleated borosilicate microfibre layers superimposed on the filter medium.  
Wrapping: Filter media are protected by polyurethane foam, which are colour coded for the various grade.

★ A grade filter elements

Media: In addition to the S and M grade elements, this activated carbon element absorbs oil particles, It contains 32% of activated carbon.



**FILTER ELEMENTS GRADES : P / M / S / A / X**

Filtration Grade	Filter type	Particle removal/water&oil aerosol	Max remaining oil content at 21°C ( 70°F)	Replacement Cycle	Precede with filtration grade
WS	Bulk liquid	★	★	★	★
P	Coalescing	5um	★	8000hrs	ws
M	Coalescing	1um	0.6mg/m <sup>3</sup> 0.05ppm	8000hrs	P
S	Coalescing	0.01um	0.01mg/m <sup>3</sup> 0.01ppm	8000hrs	M
x	Coalescing	0.01um	0.001mg/m <sup>3</sup> 0.001ppm	8000hrs	S
A	oil vapour	★	0.003mg/m <sup>3</sup> 0.003ppm	,when oil vapour or odour is detected	AA



Air Dryer - MAT1000 Series



Air 7 Noise is low 40/50/60/70/80/90



Desiccant for Air Dryer Systems



Air Dryer - CDT & CDA Series



Compressed Air Filter



Dehumid Air Dryer



Water Cooler

# YOUR SOLUTION

## TECHNICAL DATA

Model	Pipeline size	Flow Rate m <sup>3</sup> /hr	Element NO.	Qty.	Filter housings Dimensions (mm)				Elements Dimensions (mm)	
					A	B	C	D	F	G
EDF-017-06	Rc1/2"	60	EL-01706 P/M/S/A/X	1	89	57	181		80	51
EDF-030-08	Rc1/2"	80	EL-03008 P/M/S/A/X	1	89	57	215		114	51
EDF-030-12	Rc3/4"	120	EL-03012 P/M/S/A/X	1	89	57	215		114	51
EDF-058-20	Rc1"	200	EL-05820 P/M/S/A/X	1	120	96	282		174	75
EDF-058-34	Rc1.1/2"	340	EL-05834 P/M/S/A/X	1	120	96	282		174	75
EDF-145-51	Rc1.1/2"	510	EL-14551 P/M/S/A/X	1	120	96	382		274	75
EDF-220-80	Rc1.1/2"	800	EL-22080 P/M/S/A/X	1	162	107	571	125	346	94
EDF-330-100	Rc2"	1000	EL-330100 P/M/S/A/X	1	162	107	900	125	675	94
EDF-430-150	Rc2.1/2"	1500	EL-430150 P/M/S/A/X	1	200	135	671	125	413	125
EDF-620-160	Rc3"	2250	EL-620225 P/M/S/A/X	1	200	135	941	125	690	125
EDF-800-170	Rc4"	2800	EL-800300 P/M/S/A/X	1	200	135	941	125	690	125

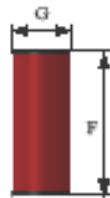
★ Above are for operation at 7 bar g (100psig) with reference to 20 °C.

★ Max. Working Pressure: 16 Bar

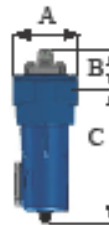
★ Max. Working Temperature: 80 °C

★ Pipeline sizes: Rc1/2" - Rc 4"

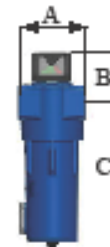
★ Air flow rates: 1m<sup>3</sup>/min - 45m<sup>3</sup>/min.



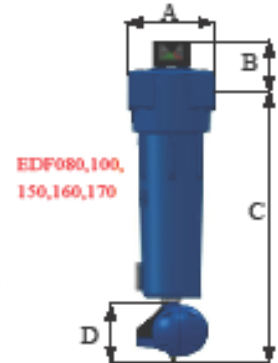
ELEMENT FILTER



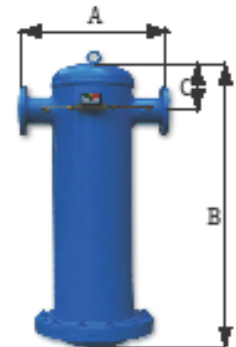
EDF006,008,012



EDF202,034,051



EDF080,100,150,160,170



D1501MT ~ D18012MT

Model	D3002MT	D4503MT	D6004MT	D9006MT	D12008MT	D15010MT	D18012MT
Capacity	m <sup>3</sup> /hr	3000	4500	6000	9000	12000	18000
	m <sup>3</sup> /min	50	75	100	150	200	300
	CFM	1750	2625	3500	5250	7000	10500
Connection	Inch	4" FL	4" FL	6" FL	6" FL	8" FL	10" FL
Max Working Pressure	bar	16	16	16	16	16	16
Pressure	PSI	232	232	232	232	232	232
Max Inlet temp.	°C	80	80	80	80	80	80
Dimension (mm)	A	470	470	640	640	788	788
	B	1150	1150	1250	1250	1350	1350
	C	163	163	220	220	280	280
	D	550	550	550	550	550	550
Weight	kg.	81	111	156	240	310	400
Element	NO.	EL-430150 P/M/S/A/X					
Element	Qty	2	3	4	6	8	10