

ENTARON FC

Cathode air cleaner for the fuel cells



MANN+HUMMEL ENTARON FC

Cathode air cleaner for the protection of fuel cells

Technical specification



Technical features	ENTARON FC 4	ENTARON FC 7.5	ENTARON FC 13	
			Long life High dust environment	High efficiency Fine dust environment
Fuel cell stack power	~ 30 - 60 kW	~ 80 - 130 kW	~ 150 - 200 kW	
Air volume flow	1 - 3 m ³ /min	2 - 6 m ³ /min	3,5 - 10 m ³ /min	
Dimensions (housing)	Ø 164 mm x length 330 mm	Ø 216 mm x length 360 mm	Ø 278 mm x length 414 mm	
Adsorption of	Toluene, n-Butane, Sulfur dioxide (SO ₂), Nitrogen oxides (NOx), Ammonia (NH ₃)			
Mounting position	Vertical and horizontal position possible		Horizontal position preferred	
Service concept	Front servicing with comfort fasteners			

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Differential pressure @ volume flow*

	0.5 m ³ /min	1 m ³ /min	2 m ³ /min	3 m ³ /min	4 m ³ /min	6 m ³ /min	8 m ³ /min	10 m ³ /min
ENTARON FC 4	1.0 mbar	3.0 mbar	8.5 mbar	16.0 mbar	-	-	-	-
ENTARON FC 7.5	-	-	4.5 mbar	8.0 mbar	11.5 mbar	20.0 mbar	-	-
ENTARON FC 13	-	-	-	-	5.5 mbar	9.5 mbar	14.5 mbar	20.0 mbar

* based on practical experience and test results from laboratory

MANN+HUMMEL is able to use its many years of experience in the area of filtration to meet the requirements for future mobility.

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MANN+HUMMEL memberships and partnerships in e-mobility and fuel cells:

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Science for a
moving society

European Clean
Hydrogen Alliance



Arbeitsgemeinschaft
Brennstoffzellen
(Fuel Cell Working Group)



brennstoffzelle
BW

Leadership in Filtration

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