

The MF₂ as Activated Carbon Filter



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- removes oxidants such as chlorine and ozone
 - removes coral toxins (poisons)
 - removes yellow substances and medication residues
 - as air pollutant filter before skimmers



With activated carbon, disturbing substances such as yellow substances (tannins), drug residues, nettle toxins, overdoses of iodine and other substances can be filtered out of the aquarium water. If an activated carbon filter is connected in front of the air inlet of a skimmer, air pollutants such as nicotine, ethereal oils and solvents can also be filtered out here so that they do not enter the aquarium water via the skimmer.

AquaCare's smallest filters consist of the universal MF₂ multifunctional filter. The larger filters consist of the PMMA empty filter (except AK75, AK250) and are thanks to the exchangeable filter screens similarly flexible. All filters are filled with AquaCare high-performance activated carbon in pellet form, which ensures a high throughput and low dust content.

Technical data of the Activated Carbon Filters AK50 - AK70:

Size	AK 50			AK75
Order number	AK50-40	AK50-70	AK50-100	375-008
Diameter in mm	50			75
Height in cm*	40	70	100	45
Necessary height in cm	+ 5 cm			
Usable volumen in litres	0.5	1.0	1.5	1.3
maximum aquarium size in litres	250	500	760	650
as air filter in front of skimmer in liters.	1000	2000	3000	2500
maximum flow upstream in l/h	80			200
maximum flow downstream in l/h	160			400
Footprint width × depth in cm	14 × 10			19 × 14
Total weight in kg	1.1	1.5	2.1	2.0
Erection	External, in the filter sump, with Hang-On holder to the aquarium or filter tank, with wall holders to a wall			
Materials	PMMA (Acrylic glass), NBR, silikone, PVC, PA			PVC (transparent), PVC, NBR, ABS
Connectors**	G1/4" - 8 mm			20 mm PVC fittings, 16 mm hose nozzle
Drain valve	Mounting possible			non
Basic model	Multi Function Filter MF ₂			PVC empty filter
Substrate: AquaCare pellet activated carbon	1 litre activated carbon, order number: 573-005; 50 litres activated carbon, order number: 573-250			

* special heights are possible ** others possible

Technical data of the Activated Carbon Filters **AK100 - AK150:**

Size	AK 100			AK150		
Order number	AK100-50 AK100-70 AK100-100			AK150-50 AK150-70 AK150-100		
Diameter in mm	100			150		
Height in cm*	50	70	100	50	70	100
Necessary height in cm	+ 5 cm					
Usable volumen in litres	2.5	3.8	5.8	5.5	8.7	13.4
maximum aquarium size in litres	1200	1900	2900	1600	4300	6700
as air filter in front of skimmer in m ³	5	7.6	11.5	11	17	27
maximum flow upstream in l/h	330			790		
maximum flow downstream in l/h	660			1580		
Footprint width × depth in cm	21 × 14			31 × 22		
Total weight in kg	2.8	3.7	5.0	6.5	8.3	11
Erection	External, in the filter sump, with Hang-On holder to the aquarium or filter tank, with wall holders to a wall					
Materials	PMMA (Acrylic glass), NBR, silicone, PVC, PA					
Connectors**	20 mm PVC fittings, 16 mm hose nozzles			25 mm PVC fittings		
Drain valve	G1/4"-6/4					
Basic model	PMMA-Leerfilter					
Substrate: AquaCare pellet activated carbon	1 litre activated carbon, order number: 573-005; 50 litres activated carbon, order number: 573-250					

* special heights are possible ** others possible

Technical data of the Activated Carbon Filters **AK250 - AK300:**

Size	AK 250		AK300		
Order number	375-025		AK300-50 AK300-100 AK300-150		
Diameter in mm	250		300		
Height in cm*	100		50	100	150
Necessary height in cm	+5 cm				
Usable volumen in litres	30		22	55	88
maximum aquarium size in m ³	18		11	27	44
as air filter in front of skimmer in m ³	60		44	110	176
maximum flow upstream in m ³ /h	2.3		3.3		
maximum flow downstream in m ³ /h	4.5		6.6		
Footprint width × depth in cm	43 × 37		50 × 38		
Total weight in kg	40		33	51	72
Erection	External, in the filter sump				
Materials	PVC (transparent), PVC, NBR, ABS		PMMA (Acrylic glass), NBR, silicone, PVC, PA		
Connectors**	32 mm PVC fittings		40 mm PVC fittings		
Drain valve	PVC20		1/2"-16		
Basic model	PVC empty filter		PMMA empty filter		
Substrate: AquaCare pellet activated carbon	50 litres activated carbon, order number: 573-250				

* special heights are possible ** others possible

