

# Pressure-less Activated Carbon Filter AK



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Activated Carbon Filter AK 250

With activated carbon disturbing substances like "Gelbstoffe" = tannins, rests of medicine, nettle toxins, overdosing of e.g. iodine and other substances are filtered in upstream mode (from bottom to top). The water is degased automatically.

After an ozone reactor the activated carbon filter should be driven in downstream mode (from top to bottom). In this mode you can get higher water flows.

Versions without cap are available, too. These versions are best for filtering after a skimmer.



In a modern show aquarium tannins should be filtered out by an activated carbon filter.

Picture: Tropicarium, Budapest

## The AquaCare Activated Carbon Filter **AK** has following advantages:

- suitable for upstream and downstream mode
- easy filling
- automatically de-aeration (upstream)
- suitable for pellets
- easy mounting
- no washing out
- high water flows possible
- removes oxidizing agents like chlorine, ozone
- removes organic substances like tannins, rest of medicine and nettle toxins

## Technical data of the AquaCare Activated Carbon Filter **AK**:

size	AK250	AK300	AK400	AK630	AK800	AK1000	AK1200
order number: 375-...	-025	-300-500 -300-1000 -300-1500	-040	-063	-080	-100	-120
max. aquarium volume in m <sup>3</sup>	17	11 27 44	45	100	200	250	440
max. upstream flow in m <sup>3</sup> /h *	2.5	3.3	6.5	15	27	35	60
max. downstream flow in m <sup>3</sup> /h *	5	6.6	13	30	54	70	120
max. pressure in bar	0.3						
diameter in mm	250	300	400	630	800	1000	1200
total height in cm **	100	500 1000 1500	100				
footprint size width × depth in mm	430×370	500×380	700×500	930×730	1100×900	1300×1000	1500×1300
connectors ***	DN40 / d50			DN65/d75	DN80/d50	DN100d110	DN125/d140
drain connector ***	DN15/d20	1/2"/d16	DN15/d20	DN40 / d50		DN65 / d75	
material main tube	PVC transparent		PVC grey (flow meter is recommended)				
other materials	PVC, NBR, silikone, PA						
erecting	external or in filter sump; below or above water surface						
substrate	high-efficiency activated carbon in cylindric form						
max. substrate filling in litres, ca.	29	22/55/88	77	170	325	400	735

\* depends on chosen activated carbon. Values here with AquaCare activated carbon

\*\* other sizes possible; required height: +10 cm

\*\*\* other connectors possible

P-AKAQ\_2GB.DOC, Dez. 17, modifications possible