

CHEWATEC AC

Activated Carbon Unit

SOLUTION OF FILTERING WITH AC



AC for water treatment

Removal of organic dissolved pollutants

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CHEWATEC AC – Activated carbon is a medium that removes organic dissolved pollutants such as detergents, soluble colorants, chlorinated solvents, bad tastes and colors. After some time, the active carbon loses its capabilities, as such the quality of the water is to be tested from time to time. The use of a vessel with manhole can be an interesting option to make the refill of the medium and easier task.

Applications:

- Potable water treatment
- Ground water treatment
- Municipal water treatment
- Power plants
- Gas emissions
- Precious metal recovery

Includes:

- Drain flow controller, not for filters 1": 80-100, 1.25": 150, 1.5": 200-250L, 2": 400 L
- Connection parts
- Transformer 12V
- Activated carbon Organosorb 9 -delivered separately in bags of 20kg or weighed out
- Support gravel 3/5mm – delivered separately in bags of 25kg or weighed out
- Riser tube with bottom distributor-mounted in vessel

Resin	Vessel	Output*	Identity code
1"			
20 L	Q – 09.35	0,4 – 0,6 m ³ /h	AC1-20
30 L	Q – 10.54	0,5 – 0,7 m ³ /h	AC1-30
60 L	Q – 13.54	0,8 – 1,3 m ³ /h	AC1-60
80 L	C – 14.65	1,0 – 1,5 m ³ /h	AC1-80
100 L	C – 16.65	1,3 – 2,0 m ³ /h	AC1-100
1.25"			
20 L	Q – 09.35	0,4 – 0,6 m ³ /h	AC125-20
30 L	Q – 10.54	0,5 – 0,7 m ³ /h	AC125-30
60 L	Q – 13.54	0,8 – 1,3 m ³ /h	AC125-60
80 L	C – 14.65	1,0 – 1,5 m ³ /h	AC125-80
100 L	C – 16.65	1,3 – 2,0 m ³ /h	AC125-100
150 L	C – 18.65	1,6 – 2,5 m ³ /h	AC125-150
1.5"			
150 L	C – 18.65	1,6 – 2,5 m ³ /h	AC15-150
200 L	C – 21.60	2.2 – 3.35 m ³ /h	AC15-200
250 L	C – 24.69	2.9 – 4.4 m ³ /h	AC15-250
2"			
250 L	C - 24.69	2.9 – 4.4 m ³ /h	AC2-250
400 L	C - 30.72	4.6 – 6.8 m ³ /h	AC2-400
3"			
600 L	C – 36.78	6.5 – 9.8 m ³ /h	AC3-600
800 L	C – 42.78	8.9 – 13.4 m ³ /h	AC3-800

*Output – depending from the water quality (flow rate 10 – 15 m/h)