



## acuraCELL Carbon ACP-C Activated Carbon Depth Filter Module

acuraCell Carbon ACP-C filter modules are depth filters with integrated activated carbon for the adsorption of interfering residues or discoloration in liquid processes. They consist of highly pure cellulose, activated carbon, inorganic filter aids, and a binder resin. The large internal surface area of the activated carbon causes a high adsorptive capacity for the separation of different molecular groups.

The high effectiveness in conjunction with a large filter area clean and simple handling provide tremendous economic benefits to the dusty and time-consuming use of powdered activated carbon.

The innovative acuraGrip enables ergonomic installation and subsequent removal of the filter module without additional lifting equipment.



### TECHNICAL DATA

acuraCell Carbon ACP-C

Material	Cellulose / activated carbon / polypropylene
Temperature	80°C
Max. differential pressure	2.5 bar at 20°C / 1 bar at 80°C
Filter area 12"-module	1.7 m <sup>2</sup>
Filter area 16"-module	3.9 m <sup>2</sup>
Approved flush volume	50 l/m <sup>2</sup>
Available micron rate	5 µm

Filter area for modules with 16 cells. Modules with reduced numbers of cells are available upon request.

### APPLICATIONS

- Removing dissociative chlorine and volatile organic compounds (VOS) in solution
- Oil and aromatic series in solution
- Remove smell, odor, organic pigment
- Remove metal ion

### DIMENSIONS

	12"	16"
Diameter	283 mm	420 mm
Height	280 mm	280 mm

### SIMPLE INSTALLATION WITH FLEXIBLE HANDLES



### APPROVED FLUSH VOLUME (WATER, 20°C) & CONTENT OF ACTIVATED CARBON

Size	Module (l/h)	Content of activated carbon (g/m <sup>2</sup> )	Content of activated carbon per module (g)
12" (16 cells)	3120	865	1471
16" (16 cells)	4200	865	3374

Modules with a higher activated carbon content on request.

### ORDERING INFORMATIONS

Sample : ACP-C-12-2-DN (12"-polypropylene, series C, 16 cells, double open end, NBR gaskets)

Product	Type	Diameter	Cell quantity	Connection	Gaskets
ACP	C	12 = 12" (283 mm) 16 = 16" (420 mm)	2 = 16 cells	D = DOE, double open end	N = NBR E = EPDM F = FPM Q = MVQ

Subject to technical alterations.  
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