

FILTRAFLO™ PACK - OPACARB™ F Filters

Pressure Granular Activated Carbon Filtration

The OPACARB™ F unit is a granular activated carbon (GAC) filtration system for pesticides and micropollutants removal.

The pesticides are absorbed by the filter media. Once the carbon is saturated it must be replaced or regenerated.

Flow rates:
from 10 up to 100 m³/h per unit



Features & Benefits

- Media: Granular Active Carbon (GAC) regenerable or recycled
- Skid-mounted unit, compact, can be easily integrated into water treatment system
- Modular; compatible with other standard Veolia unit
- Plug & play system, rapid installation and commissioning
- Fully-automated system; easy to use
- Flexibility given by options
- Compliant with ACS, CODAP, 97/23/CE DIRECTIVE/NFEN ISO 12944 standards

Applications

- Drinking water treatment
- Micropollutants and pesticide removal
- Reduction of taste and odor

Related Services

- Local after-sales service for preventative and corrective maintenance program
- Tailor-made design according to project

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System Dimensions & Performances

Model	Flow (m ³ /h)	Filter Diameter (mm)	Shell Height (mm) ¹	Filtration Speed (m/h)	Contact Time (min)	Empty Weight (kg) ²
OPACARB F1220	10	1200	2000	8	11	2150
OPACARB F1820	20	1800	2000	8	11	2950
OPACARB F2320	33	2300	2000	8	11	3760
OPACARB F3020	57	3000	2000	8	11	5110
OPACARB F4020	100	4000	2000	8	11	9220

¹ Indicative shell height given for a 1000mm media height

² Estimated weight given for information only

Efficient Filtration process

- Lined steel filter, certified French ACS or stainless steel lining
- 304L Stainless steel manifold
- Electrical or pneumatic valves
- Size and weight depending on each design size
- Pressure measure above and under nozzle floor for clogging control
- Flexible system, several options available
- Several level of automation available
- Operating pressure from 0 to 16 bars

Options

- Optional pneumatic valves with air compressor instead of electric valves
- Remote process control; PLC
- Inlet flow regulation valve
- Backwash skid with pump and air blower
- Thermal insulation
- Turbidity control
- Disinfection system
- Pipe work in 316 L stainless steel.

For higher flow rates or other processes, consult your local Veolia Water Technologies representative.

Visit our website: www.veoliawatertechnologies.com

In keeping with the progressive nature of the company, we reserve the right to amend details without notice.

Veolia/OPACARBF™/AQF066_EN_V1.1/Oct2014