

RAPID SYSTEM CONNECTION

PFAS-R



The **PFAS-R filters** contain a special ion exchange resin designed for the **reduction of PFAS** (perfluoroalkyl substances) occasionally found in drinking water. They also contain a filter disc made of activated carbon fibre for the removal of chlorine and organic compounds that cause unpleasant odours and tastes.

In case of water for human use, it is **recommended to pair it with a PFAS-C filter** containing special activated carbon (high iodine) specific for **PFAS reduction** surface (perfluoroalkyl substances) occasionally present in drinking water.

Filters with **RAPID SYSTEM CONNECTION** combined with a special head.

The connection is compatible with the heads of the main products on the market.



Filter	Code	Height	Diameter	Flow	Autonomy
PFAS-R 250	R12676	268 mm	Ø 79 mm	180 l/h*	6.500 l
PFAS-R 350	R12677	385 mm	Ø 79 mm	180 l/h*	11.000 l
PFAS-R 500	R12678	535 mm	Ø 79 mm	180 l/h*	16.000 l

Nominal autonomy with 0,50 µg/l of contaminant.

** The flow can vary in operation of the pressure in entrance.*



AVAILABLE WITH CONNECTIONS:
RAPID SYSTEM



ONLY FOR USE WITH
DRINKING WATER

EQUIPMENT COMPLIES WITH:
D.M. 25/2012- D.M. 174/2004

Vertical and horizontal operation. Temperature: to 3°C from 30°C (39°-92°F)
Operating pressure: to 1 from 7 bar (15-100 psi) no shock.

NOTE: this equipment requires regular periodic maintenance in order to ensure the potable water requirements of the treated drinking water and to maintain the improvements as stated by the manufacturer. Do not use with non-potable water. After long periods of inactivity (3-4 weeks), carry out a thorough sanitization of the plumbing system downstream of the filter or replace the filter.

RAPID SYSTEM CONNECTION

PFAS-R

The **PFAS-R** filter system consists of a column of ion exchange resin, specially designed for the elimination of perfluoroalkyl substances PFAS.

Combining it with the adsorption technology of **PFAS-C** maximizes the reduction effectiveness of PFAS ensuring better refinement of treated water.

Equipped with a melt-blown filtering disc that allows a 5 micron mechanical filtration for the elimination of suspended particulates for better refinement of the treated water.

- Maximum abatement efficiency of PFAS
- Mechanical filtration with internal melt blown



Pesticides



Chemical



Particles



Microplastics

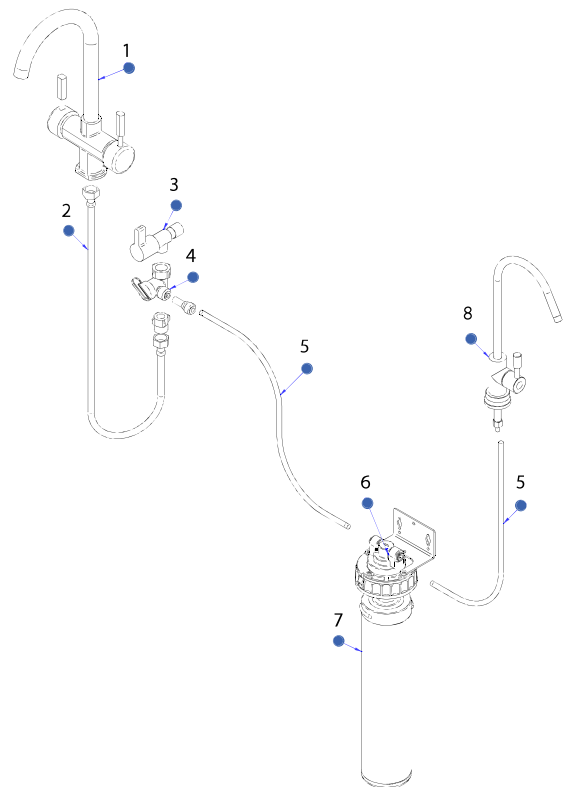


PFAS

RAPID SYSTEM CONNECTION

PFAS-R

- No electricity required
- Disposable filter
- Easy installation and replacement
- Vertical installation
- Improves the taste
- Eliminates PFAS
- Eliminates chlorine and derivatives
- Technology: filter bed
- Autonomy: (see table) this varies depending on the quality of the water inlet, the required flow rate, inlet water pressure and filter usage
- Flow rate: (see table ref. flow)
- Temperature: 3-30° C (36-92°f)
- Pressure: 1-7 bar (15-100 psi), non-shock
- Activation: it is recommended to let the water flow through the filter at maximum pressure and with maximum flow rate for a duration of 5 minutes so that the purge the air in the cartridge
- Cartridge change: it is recommended to change the equipment annually and/or every 6 months when its autonomy is when a significant increase in PFAS in water.



Parameter	Legal limits	Inlet water	Outgoing water
Pfas [µg/l]	0,5	0,24	0
pH	6,5 ≤ pH ≤ 9,5	7,5	7,4
EC [µS/cm]	2500	630	618
hardness [°f]	15-50	31	30
Fe [mg/l]	≤ 0,2	0,1	0
Cl [mg/l]	≤ 0,2	0,2	0
SO4 [mg/l]	250	29,5	21

RS

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RAPID SYSTEM



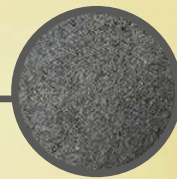
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Filter mounting diagram: ① Sink faucet ② Water supply ③ Water outlet water supply ④ Withdrawal valve
⑤ Tube PE 8X6 JG ⑥ Filterholder head ⑦ WCF filter ⑧ American Style tap

INTERNAL SECTION

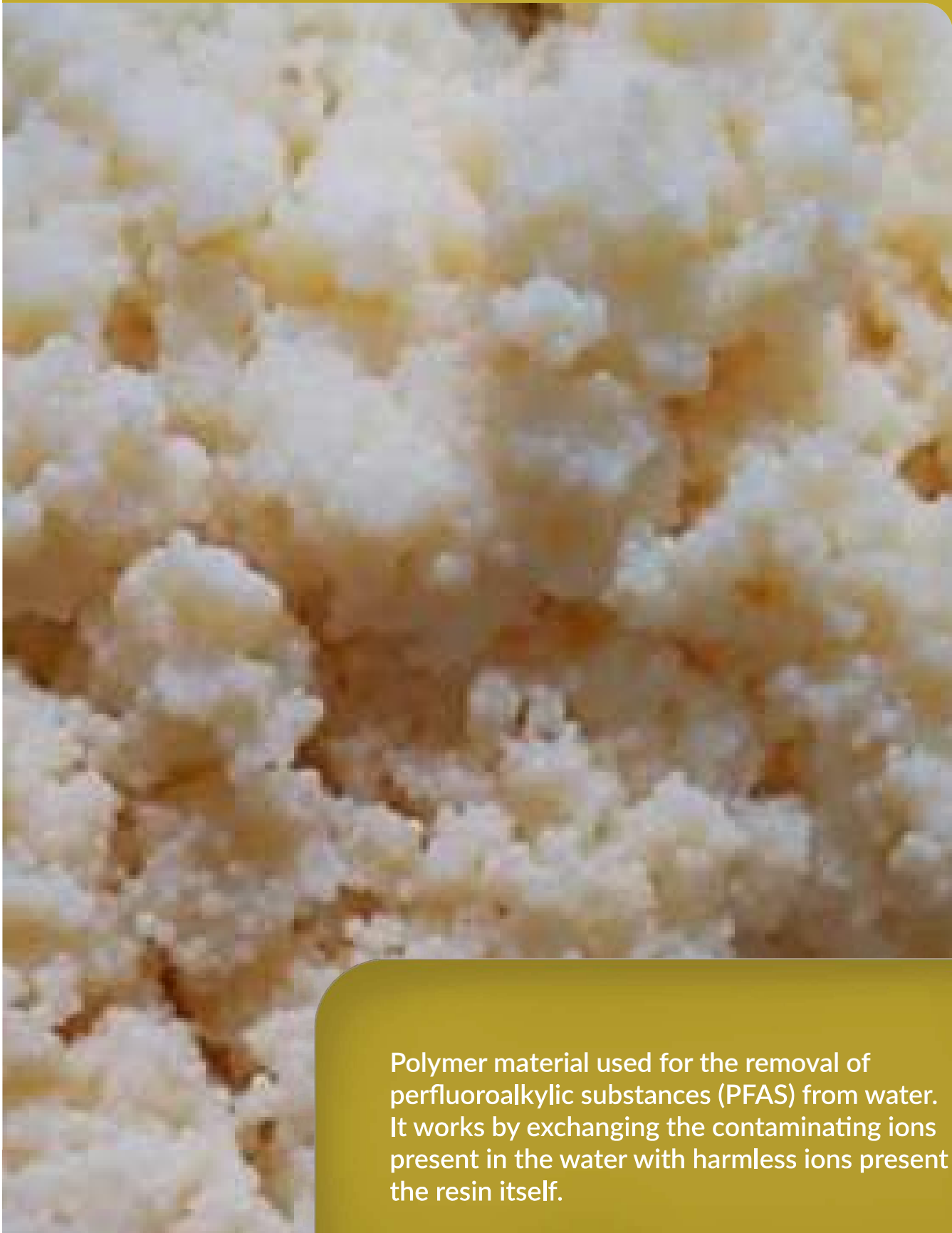
RENDER 3D



CARBON FIBRE DISC



ION EXCHANGE RESIN
FOR PFAS REDUCTION



Polymer material used for the removal of perfluoroalkyl substances (PFAS) from water. It works by exchanging the contaminating ions present in the water with harmless ions present in the resin itself.

CARBON FIBRE DISC

ION EXCHANGE RESIN
FOR PFAS REDUCTION



Chemical



Pesticides



Particles



Microplastics



PFAS

