



ORBIFILT

Filter module

Sheet filtration in an air tight environment effect

Polypropylene frame

Closed filter system without permeation

Quick and easy replacement



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Filter modules ORBIFILT

By using filter modules ORBIFILT you will reach sheet filtration effect with an easier manipulation. Filter sheets are stretch lenticulary on drainage body. There are more lenses set up in filtration modules, which are connected with either metal clip or polypropyleneleticular case. Seal rings between lenses stop permeation of unfiltered liquid. It is possible to change the number of modules in ORBICOL, so the filtration area can be easily multiplied. Filtration with filter modules procceds in closed system without permeation.

12" module

Filtre area of one lens: 0,115 m^{sq}, diameter 30 cm (12"), number of lenses:16, filtre area of one mudule: 1,8 m²

16" module

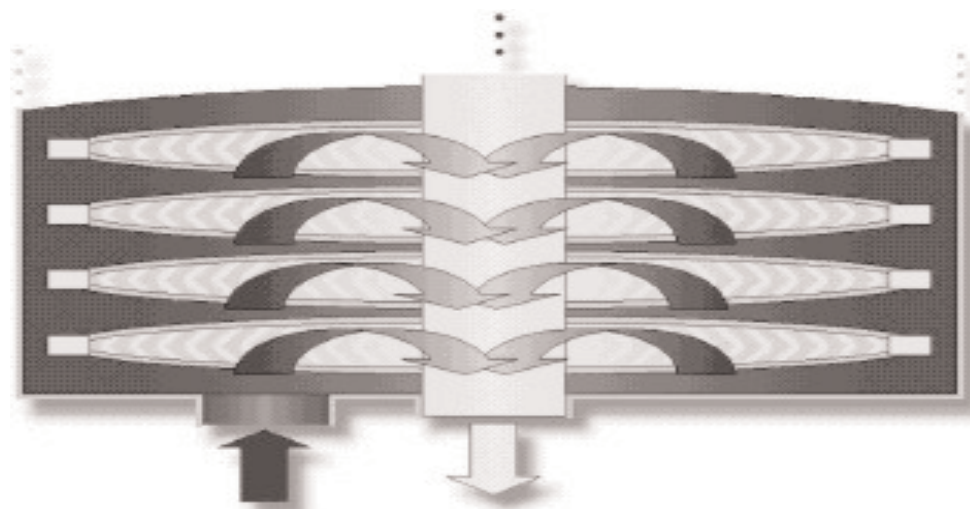
Filtre area of one lens: 0,228 m^{sq}, diameter 40 cm (16"), number of lenses:16, filtre area of one module: 3,6 m²

Technical details

Supporting material: polypropylene (FDA accepted)
 Filter sheet: according required flow capacity - note filter sheets HOBRAFILT
 Adapter: bajonett (double O-ring) or flat adapter

Alternatives:

filtration	assorment	nom. retention	usage	delivery
		mm		L/m ² /hour
coarse	S600, S800	6 - 25 mm	coarse pre-filtration	1.000
clening	S400, S300	4 - 9 mm	stabilizing cleaning filtr.	1.000
fine	S200,S150	1,5 - 3 mm	polishing cleaning filtr.	700



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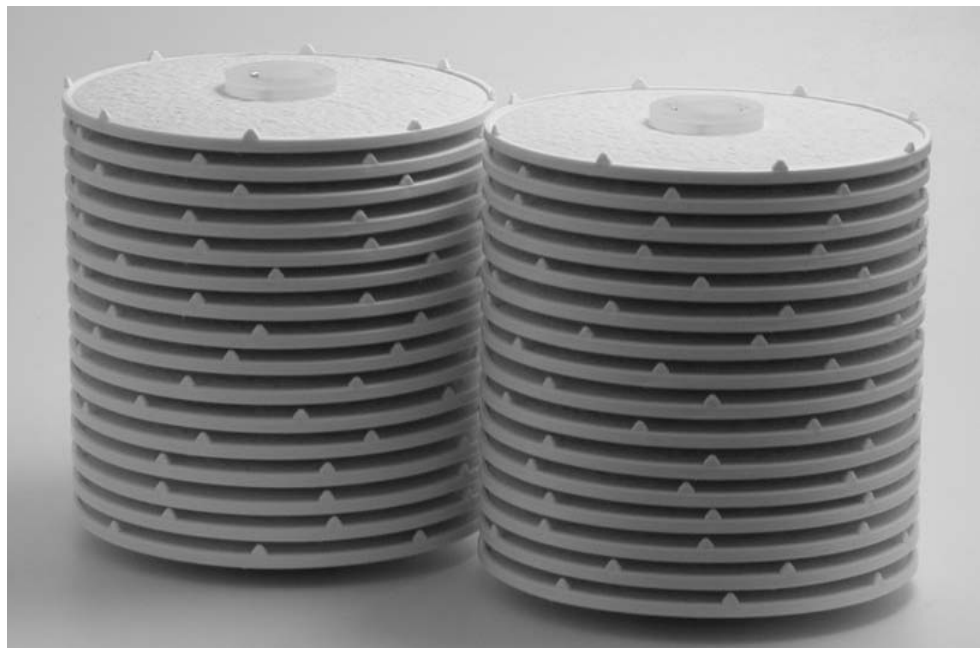


Assortment of filter modules - ORBIFILT

Level of cleaning	Module type	nom. retentiveness mm	Function despatch	Quantity L/m ² /hod
coarse	S600, S800	6 - 25 mm	coarse pre-filtration	1.000
cleaning	S400, S300	4 - 9 mm	cleaning filtration stabilizing	1.000
fine	S200, S150	1,5 - 3 mm	cleaning filtration polishing	700
polishing	S100	0,6 - 1,5 mm	high germs retention	700
germs reduction	ST70	0,5 - 0,8 mm	reduction of micro-organisms	350 - 400
microbiologically effective	ST50 ST30	0,3 - 0,6 mm 0,2 - 0,4mm	cold sterile filtration filtration of microbiologically unstable products	350 - 400 300

Purchase order:

When ordering, please, state a diametre, a type of an adapter and filter sheets.



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