

Discs AutoSenior 4"

Triangular design tower support, with non-equidistant water jets to ensure uniform washing. Guarantee to completed the disc-pack rotation. No maintenance (except discs)



(For 1,5 Kg/cm² ask us)



AutoSenior4"



TECHNICAL DATA

SYSTEM

The physical filtration through discs is performed by, retaining the suspended solids in water into the channels due to a high security disc structure.

CONSTRUCTION MATERIALS

Body: glass fiber reinforced polyamide.

Disc tower: glass fiber reinforced polyamide.

Manifolds: carbon steel or polyethylene.

Joints: synthetic rubber nitrile 60° Shore.

Screws: zinc-coated.

FILTERING ELEMENT

Discs available: 20 µm green disc, 50 µm blue disc, 130 µm yellow disc, 190 µm red disc (which is the standard one) and 250 µm brown disc.

CLEANING

Cleaning performed by a counter flow and the discs separation each other at high-speed rotation. The combination of these two effects produces the dirt detachment, assisted by the incidence of tangential high-pressure water jets directed to the filtration surface.

PRESSURES

Max. pressure: 10 kg/cm²

Min. pressure: 1 kg/cm²

Min. cleaning pressure: 2,5 kg/cm²

Testing pressure: 12 kg/cm²

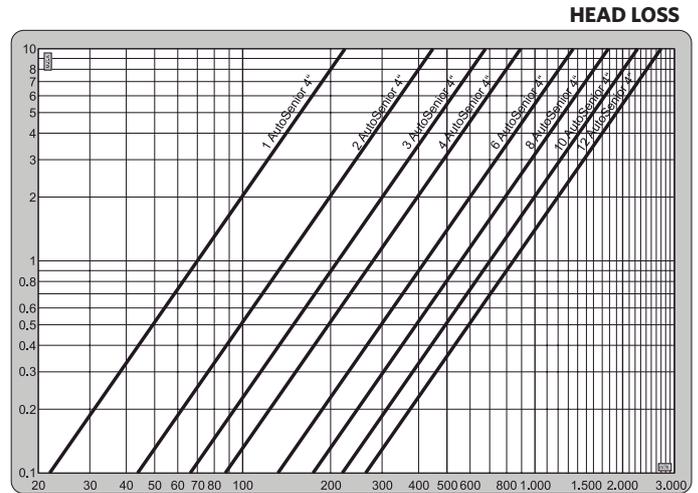
FEATURES

Its mechanisms are perfectly synchronized to deal with the cleaning works with the guarantee that the water won't be contaminated. It allows the perfect automation of the system and a reduced head loss.

Besides, it makes possible to use compressed air to guide the manoeuvres.

On the other hand, it stands out because it has just a few components, something that makes easier the assembly and the taking apart works.

Furthermore, it resists to the hardest chemical and physical agents.



Results obtained in our facilities with approved measuring instruments, using clean water as a fluid for assessment with 190 µm red disc Lama.



Number of Filters	Flow Limit 4m H.D.*	Max. recommended flow (m³/h)			Filtration Surface (cm²)	Min. drainage Flow (m³/h)	Collector	Code
		< 50ppm	50/100ppm	100/200ppm				
2	282	80	50	32	6.452	21	Ø6"	C2A4P3S
3	423	120	75	48	9.678	21	Ø6"	C3A4P3S
4	564	160	100	64	12.904	21	Ø8"	C4A4P3S
6	846	240	150	96	19.356	21	Ø10"	C6A4P3S
8	1.128	320	200	128	25.808	21	Ø10"	C8A4P3S
10	1.410	400	250	160	32.260	21	Ø12"	C10A4P3S
12	1.692	480	300	192	38.712	21	Ø12"	C12A4P3S

Net Weight (Kg)	Net Equipped Weight (Kg)	Gross Equipped Weight	Min Vol. Drainage Watere (2,5 Kg/cm²)	Min. Drainage Flow (m³/h)	RAA3R - Disc spare part 190µm	Code
14,8	15	0,11 m³	90 L	21	----	FAAP4