

Discs Autosenior

LOW PRESSURE

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



AutoSenior LOW PRESSURE just needs a minimal pressure of **1,5 Kg/cm²** for the cleaning step.



AutoSenior



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^º 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: 8 kg/cm²

Min. pressure: 1 kg/cm²

Min. cleaning pressure: 1,5 kg/cm²

Testing pressure: 12 kg/cm²

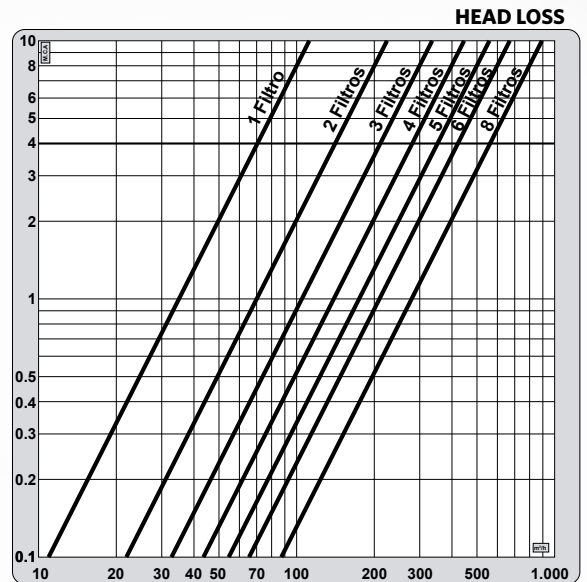
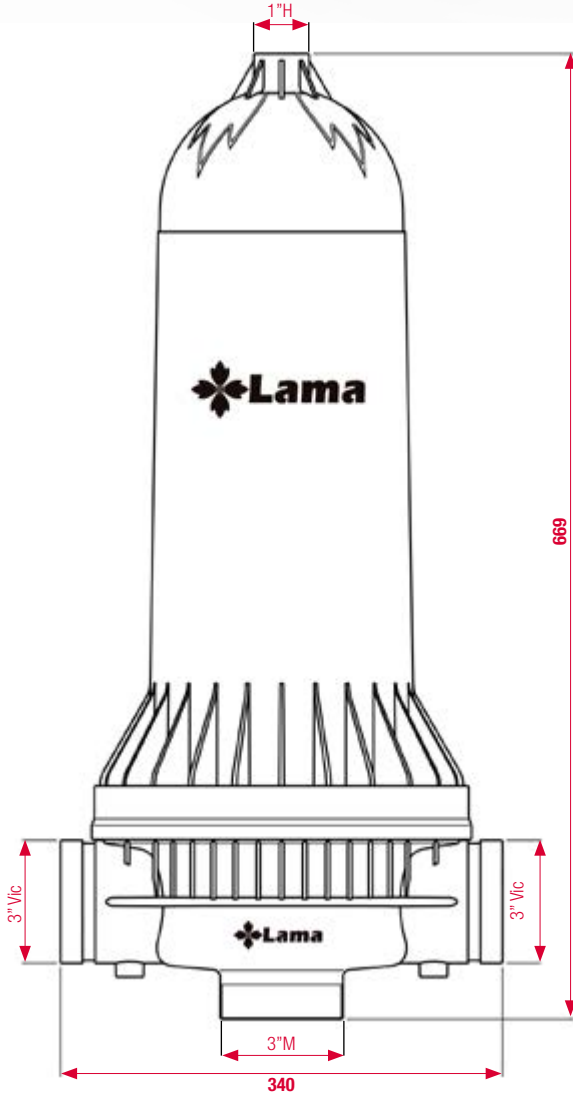
FEATURES

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 made 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.



Limit Flow 4m. P.D.*	Max. recommended Flow (m ³ /h)			Filtration Surface (cm ²)	Description	Code
	< 50ppm	50/100ppm	100/200ppm			
70	20	12	8	1.613	1 without equipped filter	FAS3TR
					1 equipped filter: Globo + Solenoid + Vic connection	FA3K