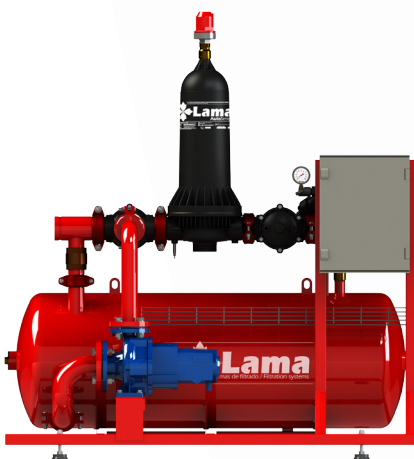


Discs AutoSenior

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



**PRES8
MAX8**
114 psi

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

FILTER:

Body: glass fiber reinforced polyamide.

Disc tower: glass fiber reinforced polyamide.

Manifolds: high quality carbon steel or polyethylene.

Joints: synthetic rubber nitrile 60° Shore.

Screws: zinc-coated.

TANK: carbon steel treated with Nanotechnology and epoxy painting.

FILTERING ELEMENT

We have four discs available: green disc 20 µm, 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.

PRESSURE

Max. pressure: 8 kg/cm²

Min. pressure: 1 kg/cm²

Min. cleaning pressure: 2,5 kg/cm²

Testing pressure: 12 kg/cm²

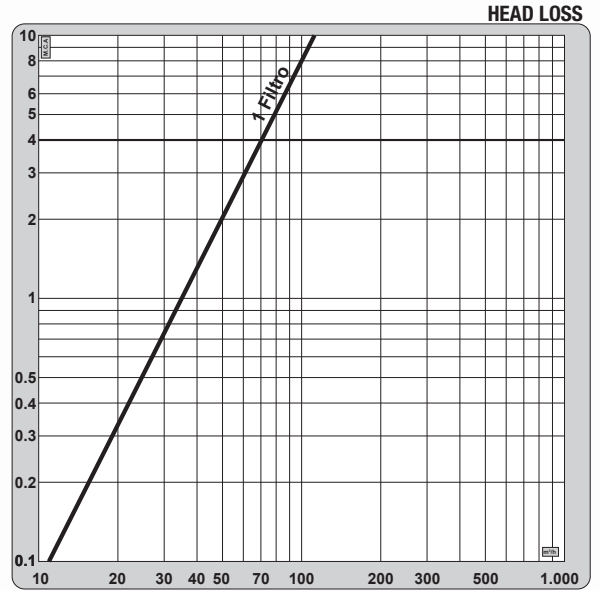
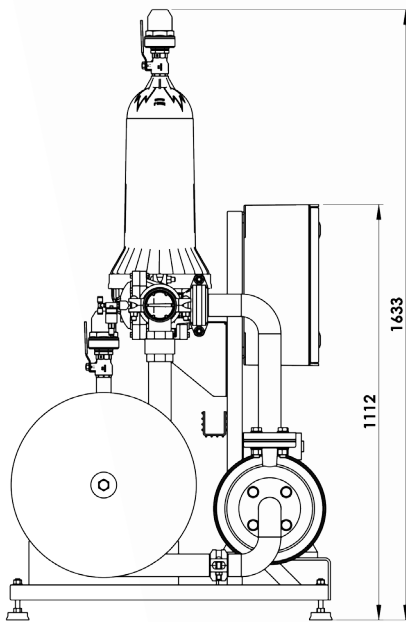
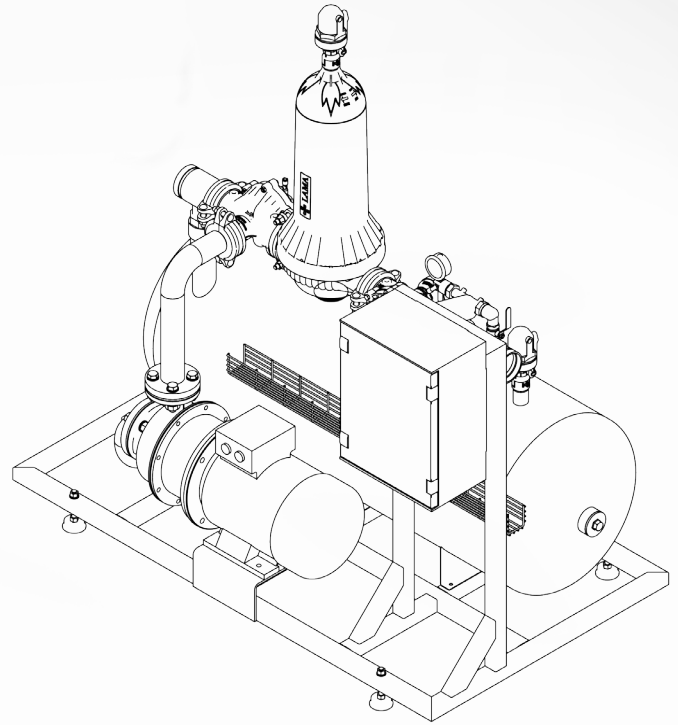
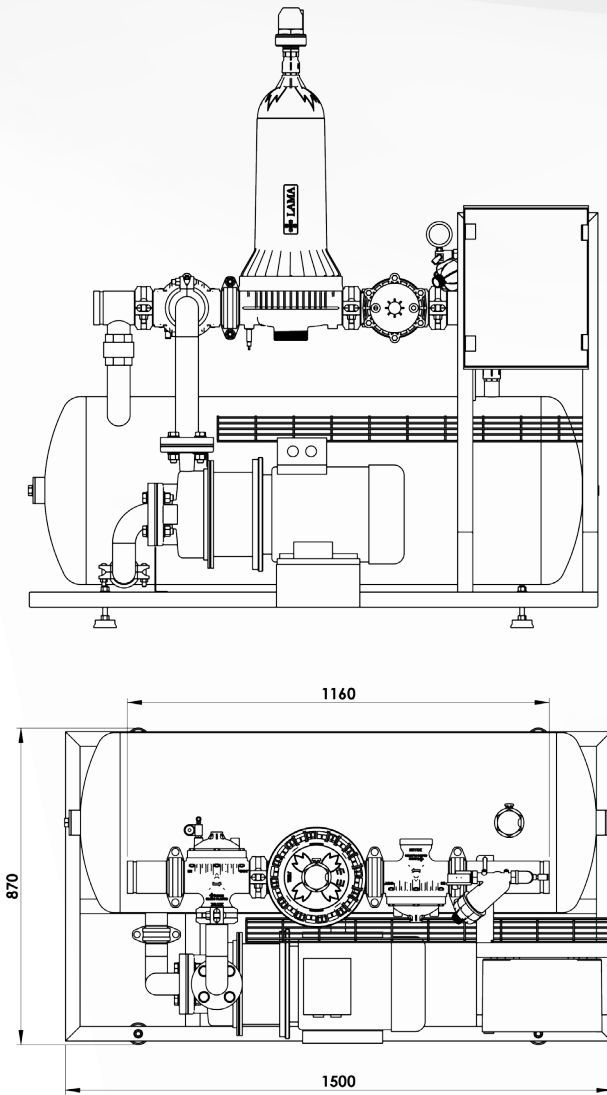
FEATURES

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.



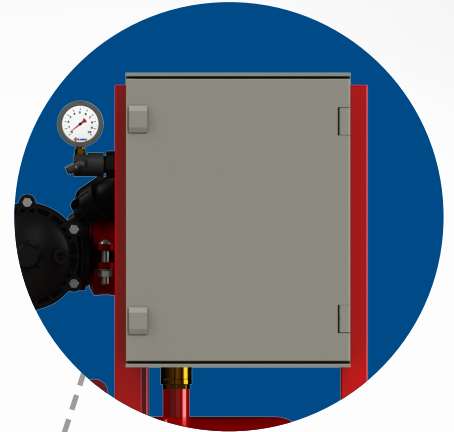
Results obtained in our facilities with approved measuring instruments, using clean water as a fluid for assessment with 190µm red disc Lama.

Min. Flow Drainage (m³/h)	Disc kit 190µm	Filter
10,5	RAA3R	Autosenior

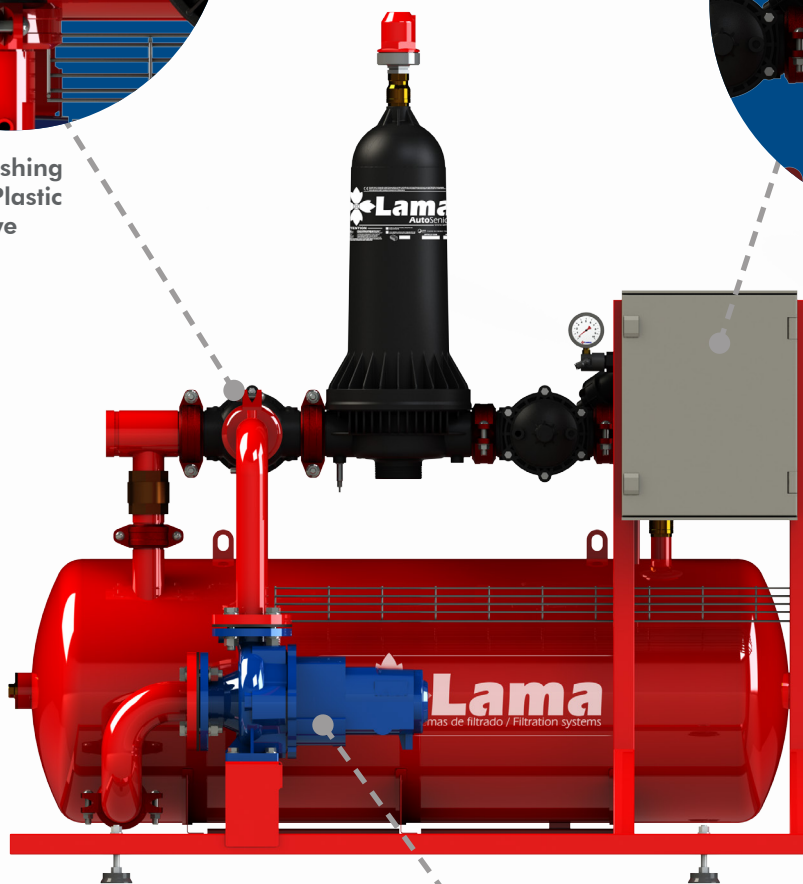
Limit fow 4m. P.D.*	Max. recommended flow (m³/h)			Filtration surface (cm²)	Description	Code
	< 50ppm	50/100ppm	100/200ppm			
70	20	12	8	1.613	1 equipped filter: tank + pump + Globo valve + solenoid + VIC coupling	CAS3P



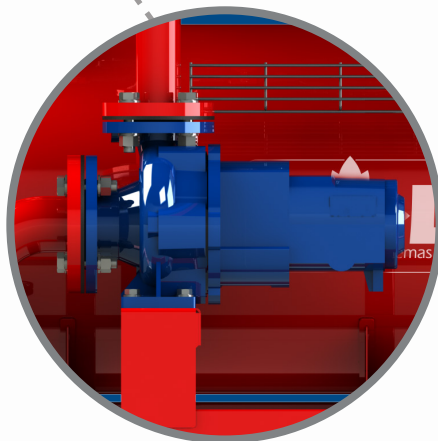
Backwashing
Globo Plastic
valve



Control
equipment



AutoSenior
CAS3P model



Pump equipment