Lama
Sistemas de filtrado / Filtration systems
by
h2o innovation®

2026 | INDUSTRIAL CATALOGUE

Since 1948 designing andmanufacturing filtration systems

Industry

Technology

Filtration

www.lama.es | www.h2oinnovation.com

INDEX

IMPORTANT WARNING: the price list for the current fiscal year 2026, that is published here in, is merely informative, and is an estimation, so it could undergo changes throughout the year due to possible changes in the price of raw materials. The company is neither subject to nor obliged to main-tain the prices indicated in the pricelist, nor to publich any potential variation thereof. The version of the website **https://lama.es/en/dealers/** is the current and update version.

INDUSTRY

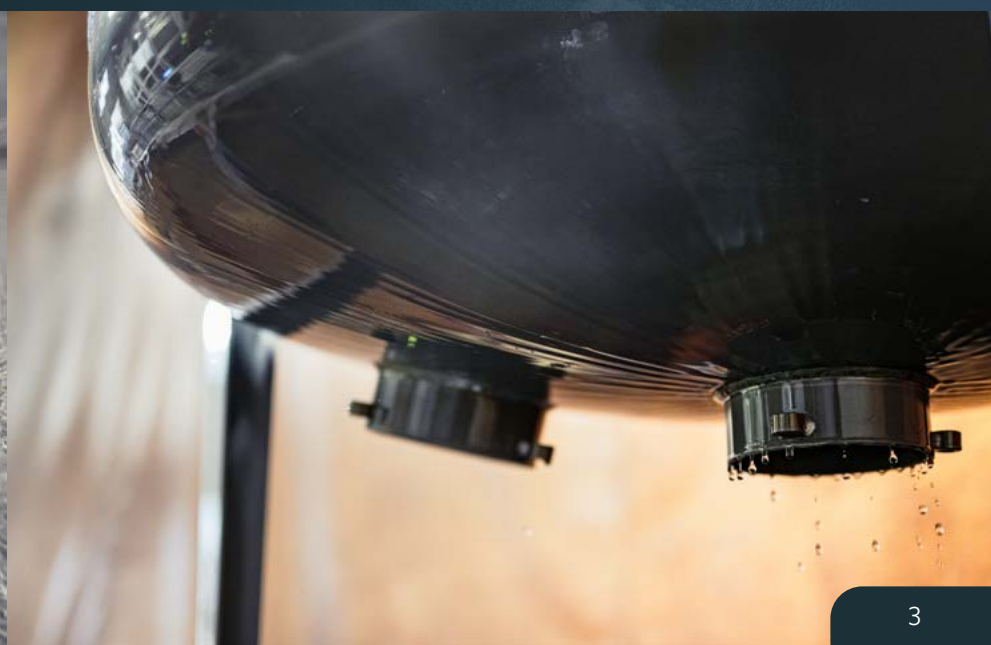
- Process water cooling systems.
- Nebulizer process water.
- Process water recirculation systems.
- Industrial mussel water treatment.
- Pre-filtration to membranes.
- Inlet process water.
- Sanitary water.
- Ballast water
- Agua de lastre.
- Industrial sewage water.

MUNICIPAL AND WASTEWATER

- Drinking water filtration.
- Wastewater.
- Water treatment plants.
- Desalination.
- Pre-filtration to membranes.
- Previous to ultraviolet process.

STANDARD SURFACE TREATMENT

Our carbon steel devices are treated with a specialized superficial process that extands the service life of our filters, collectors, valves... This is a three-step process, with the NANOTECHNOLOGY being the one that causes the molecules to spread across the surface of the steel. This ensures uniform adhesion of the powder paint particles.



WE ARE NOW PART OF H2O INNOVATION

Since September 2025, Lama Sistemas de Filtrado S.L.U. has been integrated into H2O Innovation's Specialty Products business line. Within this division, Lama's filtration technologies complement agricultural and industrial water-treatment processes, reinforcing our positioning as a comprehensive supplier of key components for advanced filtration systems.

This integration represents a strategic growth opportunity while preserving Lama's identity. The company continues its operations without disruption, retaining its team, distributor network, and long-standing commitment to quality that has defined Lama for generations.

All 40 Lama employees remain within the organization, ensuring continuity of expertise and supporting future development under the H2O Innovation brand.

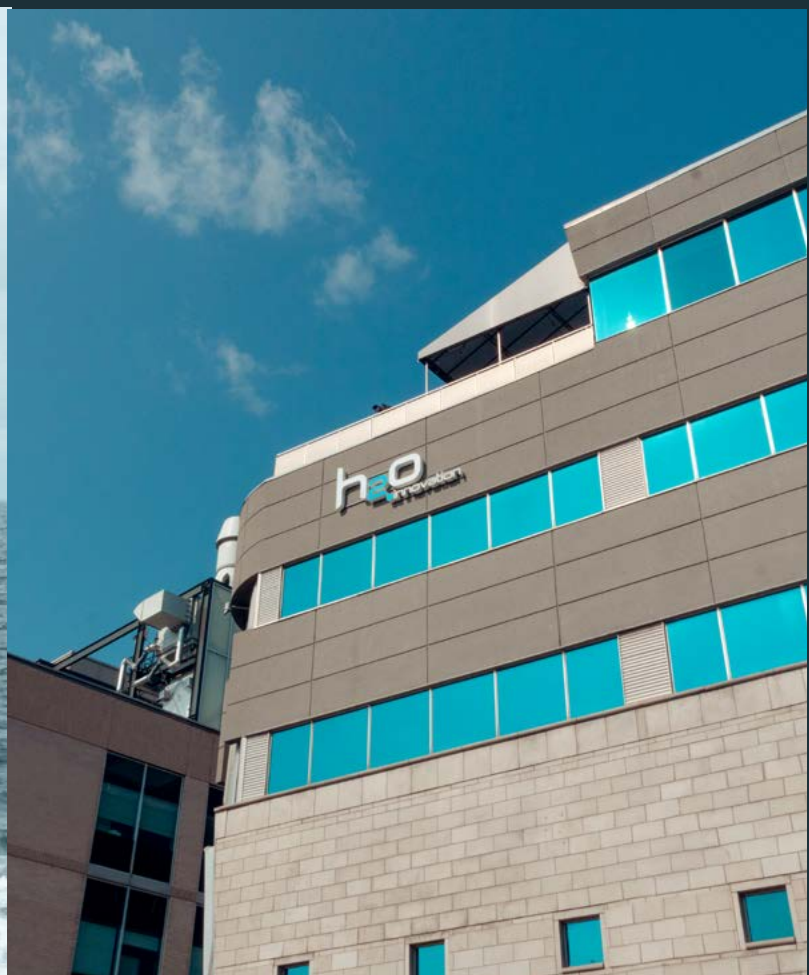
ABOUT H2O INNOVATION

H2O Innovation is a Canadian company specializing in water solutions, dedicated to helping communities and industries address their most critical water-related challenges.

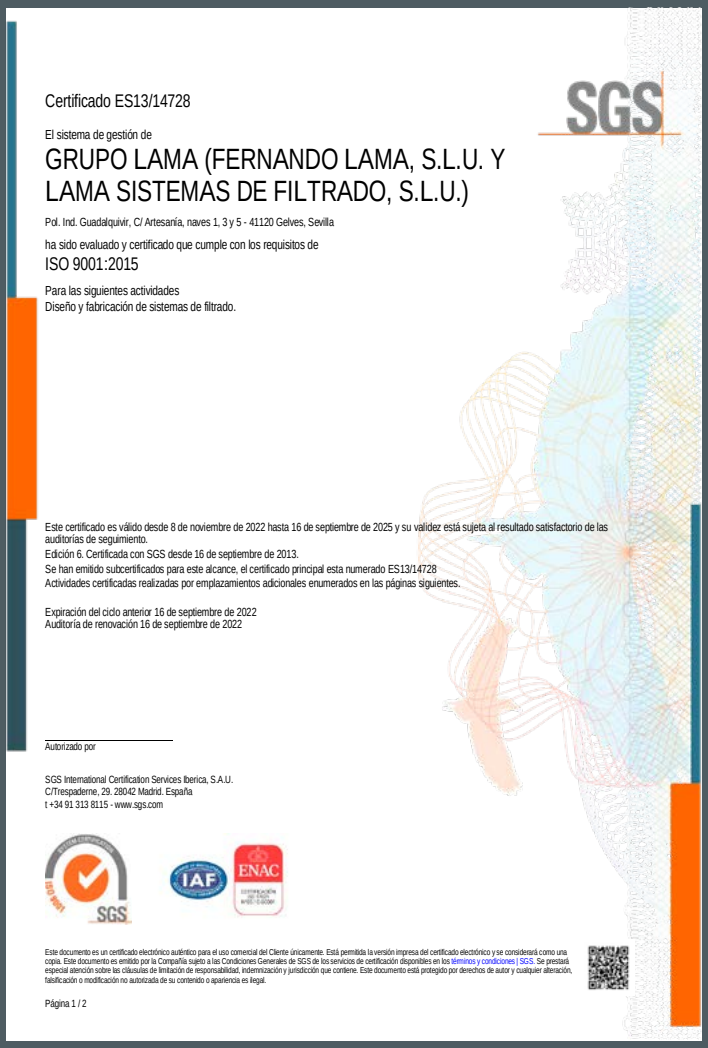
Driven by the mission "Simplify Water", H2O Innovation delivers strategic value through four synergistic pillars: Water Technologies & Services (WTS), Specialty Products (SP), Operations & Maintenance (O&M), and Water Infrastructure Development (WID). The company provides equipment, chemicals, consumables, and long-term services that support the entire water lifecycle, including wastewater treatment and water reuse.

By combining innovation with operational excellence, H2O Innovation empowers its teams with the resources and guidance needed to consistently exceed customer expectations, establishing itself as a trusted global partner in sustainable water management.

For more information, visit **www.h2oinnovation.com**



Warranty and Quality Certificates



Certificado ES13/14728

El sistema de gestión de

GRUPO LAMA (FERNANDO LAMA, S.L.U. Y LAMA SISTEMAS DE FILTRADO, S.L.U.)

Pol. Ind. Guadalquivir, C/ Artesanía, naves 1, 3 y 5 - 41120 Gelves, Sevilla

ha sido evaluado y certificado que cumple con los requisitos de

ISO 9001:2015

Para las siguientes actividades

Diseño y fabricación de sistemas de filtrado.

Este certificado es válido desde 8 de noviembre de 2022 hasta 16 de septiembre de 2025 y su validez está sujeta al resultado satisfactorio de las auditorías de seguimiento.

Edición 6. Certificada con SGS desde 16 de septiembre de 2013.

Se han emitido subcertificados para este alcance, el certificado principal esta numerado ES13/14728

Actividades certificadas realizadas por emplazamientos adicionales enumerados en las páginas siguientes.

Expiración del ciclo anterior 16 de septiembre de 2022

Auditoría de renovación 16 de septiembre de 2022

Autorizado por

SGS International Certification Services Iberica, S.A.U.
C/Trespaderne, 29. 28042 Madrid. España
t +34 91 313 8115 - www.sgs.com

Este documento es un certificado electrónico auténtico para el uso comercial del Cliente únicamente. Está permitida la versión impresa del certificado electrónico y se considerará como una copia. Este documento es emitido por la Compañía sujeto a las Condiciones Generales de SGS de los servicios de certificación disponibles en los términos y condiciones | SGS. Se prestará especial atención sobre las cláusulas de limitación de responsabilidad, indemnización y jurisdicción que contiene. Este documento está protegido por derechos de autor y cualquier alteración, falsificación o modificación no autorizada de su contenido o apariencia es ilegal.

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Lama
Sistemas de filtrado / Filtration systems

GARANTÍA DE PRODUCTOS

- Lama garantiza todos sus productos durante 1 año desde la fecha de facturación.
- El período de garantía contra perforación por corrosión es de 2 años.
- La garantía cubre la reposición por intercambio de la pieza defectuosa, tras su comprobación por nuestro personal.
- Verifique en las fichas técnicas de productos, las presiones máximas de trabajo y mínimas de retrolavado, según el modelo del que se trate, así como los caudales según las tablas específicas de cada producto y tipo de agua.
- Compruebe que el elemento filtrante utilizado dispone de una luz de paso inferior a las partículas suspendidas en el agua para una correcta filtración física.
- Lea el manual de usuario antes de su montaje y conexión.

EXCLUSIONES DE LA GARANTÍA

- Será causa de anulación de garantía la rotura, extracción o manipulación de los números de serie o etiquetado del producto.
- Lama no se hará cargo de los daños producidos por accidentes, transporte inadecuado, siniestro, manipulación indebida o modificaciones al producto no autorizadas
- Los mantenimientos o entretenimientos periódicos de limpieza.
- Los desgastes producidos por fatiga de los materiales, por abrasión o por altas temperaturas.
- Tensiones eléctricas superiores o inferiores a las marcadas en el cuadro eléctrico.
- Humedades en el cuadro, solenoides y demás material eléctrico.
- Desgaste en los hidrociclones por abrasión de arenas y piedras.
- Presiones superiores o inferiores a las indicadas en las correspondientes tablas de cada producto.
- Calidades de aguas o ambientes ácidos, decantaciones, precipitaciones, aglutinaciones de bacterias o algas.
- Golpes de ariete, golpes de transporte y gastos de transporte.
- Malos montajes, inadecuados o en funcionamiento en depresión.
- Si las conducciones de drenaje están en presión tanto válvulas como solenoides.
- Calidades de agua o concentraciones de suciedad fuera de tablas.
- Daños a terceros, robos o vandalismo.

RECLAMACIONES A LA GARANTÍA

- Este producto ha sido sometido a pruebas en fábrica y ha cumplido las normas de calidad. Si aun así tuviera o encontrara algún defecto, rogamos informar a su vendedor e indicarle los códigos de control de este documento o los que figuran sobre los mismos filtros.
- Para cualquier reclamación es obligatorio la presentación de este documento, los códigos de artículo y partida que aquí figuran o la factura de compra.

Artículo: .....

Partida/Lote: .....

Fecha: ..... **de** ..... **de 20** .....

Firma:

Lama Departamento de Calidad

MANUFACTURING STANDARDS

All of our products are subject to strict quality controls during the manufacturing process, apart from completely fulfilling current regulations as well as for the elaboration of filtering equipment for agriculture use, both at an international and a European level (ISO and CEN are currently being updated and others are being fulfilled.

LAMA has implemented a quality management system certified (ES13/14728.01) by SGS, that fulfils the requirements of the European norm UNE-EN-ISO 9001, for the activities of design and manufacture of filtering systems.

Our products are in agreement with the whole of it obligations that concern us in accordance with the instruction established for the CE positioning.

Made in Spain

New Automatic Screen Filter **Eko**Fiber

Ekofiber is a hydraulically operated automatic screen filter engineered to deliver continuous and dependable filtration under demanding operating conditions. Its fiberglass reinforced polyester (FRP) housing provides an optimal balance between mechanical strength and long-term dimensional stability, ensuring consistent performance and extended service life, even in outdoor installations or harsh working environments.

The fully hydraulic self-cleaning mechanism allows backwash cycles to be carried out without interrupting the filtration process and without any external power supply. This guarantees uninterrupted operation of the system while significantly reducing operating and maintenance costs.

Available in **3" and 4"** diameters, Ekofiber integrates structural robustness, high hydraulic capacity, and low maintenance requirements into a compact and versatile filtration solution, suitable for a wide range of water treatment and irrigation application

EkoLU **Technology**

Automatic screen filters **Auto**Mesh **& Eko**LU

Many product features have been improved, thanks to the processes of the company's R&D Department; **the morphology of the filters body, the accessories have been reorganised and an increased useful surface.**

The main new feature is the system's ground breaking **filtering cartridge.**

The engineering department has carefully studied the resistance of the new cartridge, with mathematical formulas used to simulate possible deformations. It has been designed with a **honeycomb structure**, fully injected in **polyamide**. In addition, the injection process is carried out in a single cartridge-screen phase. The cartridge is optimised for the cleaning process, using the water used during this phase.

All of this will achieve higher manufacturing speeds and shorter delivery times.

E-Commerce **Lama**

Our **e-commerce** is constantly growing and offers our customers a fast, convenient shopping experience, with the best price and the biggest discounts.

Within our strategy for the coming years, one of the key points is the optimization of the buying process. This project has meant for **LAMA** a revision of the processes, with the objective of being the leading company within the sector for professionals both for the online and offline channels.

The new **e-commerce LAMA** supposes for our clients a great number of improvements, that we would like to summarize in 4 points:

1. Quick purchase in a single click: we have reorganized the product families, as well as the descriptions of the articles to facilitate the search of it in a single step.

2. 100% responsive page: the possibility of making your purchases or management from any device, whether it is a computer, smartphone or tablet.

3. 24/7 online management: we have incorporated all the information so that you can consult and download your orders, invoices or delivery notes.

4. Direct communication with the customer: we want to inform our customers automatically about the status of their requirements or orders, so the purchase process is always updated. All this, accompanied by a close and reliable communication.

1. **Sand** filters

Sand filtering consist of the physical retention of dirt in holes formed between grains used in the entire filter layer. It is depth filtration and this characteristic makes it the most effective of all systems. It can be used with highly contaminated water.

MICROFILTRATION CARTRIDGES

Description	Code
Polypropylene foam 10" (1-5-10-20-50 microns)	**CPX0110**
	CPX0510
	CPX1010
	CPX2010
	CPX5010

Description	Code
Polypropylene foam 40" (1-5-10-20-50 microns)	**CPX0140**
	CPX0540
	CPX1040
	CPX2040
	CPX5040

* Polypropylene foam **STANDARD**.

Polypropylene foam STANDARD
(Ask)

Polypropylene spool
(Ask)

Active-carbon
(Ask)

- For any other lenght and cartridge number, **please ask.**

FILTERING CARTRIDGES FROM 20 TO 1 µm (not included in the price)

Filtration cartridges are perfectly adapted to their bases, due to the watertight joints in top part, and a compressed resort in bottom part. This fact admits different flows to the requirements

For other microns, please ask.

Construction materials:

- **Body:** PVC
- **Joints:** synthetic rubber nitrile 60º Shore
- **Screws:** stainless steel AISI 316L
- **Central ring:** PVC

Closing systems:

Stainless steel nuts

Testing pressure:

9 kg/cm²

Number of Cartridges	A	C (mm)	E (mm)	Limit Flow (m³/h)	Code
4	DN50	200	362	9,6	**MP40-4**
7	DN65	250	432	16,8	**MP407IE**
11	DN80	315	480	26,4	**MP4011IE**
20	DN80	400	511	50	**MP4020IE**
35	DN100	500	611	84	**MP4035IE**
20	DN100	490	592	50	**MP5020IE**

Construction materials:

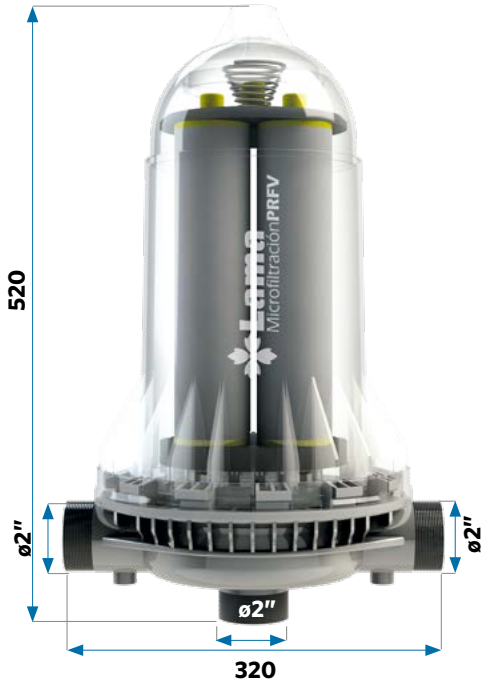
- **Body:** Glass Fiber Reinforced Polyamide (GFRP)
- **Joints:** synthetic rubber nitrile 60º Shore
- **Central ring:** PVC

Testing pressure:

12 kg/cm²

Closing system:

Adjustable lock nut



Number of Cartridges	Net Weight (kg)	Gross Weight (kg)	Connection ( )	Package Volume (m³)	Limit Flow (m³/h)	Code
4	7,5	8	2"	0,07	2,4	**FSM2**

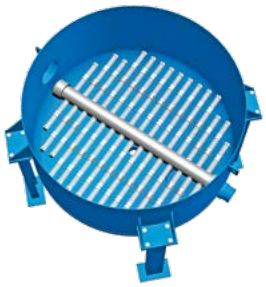
2. **Media** filters

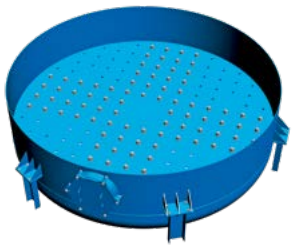
Media filtering consist of the physical retention of dirt in holes formed between grains used in the entire filter layer. It is depth filtration and this characteristic makes it the most effective of all systems. It can be used with highly contaminated water.

Collector arm retention system

Nozzles retention system

Inlet water **diffuser**





Filtering media :

Active carbon

Volcanic

Siliceus

Glass

Anthracite

Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 8 Kg/cm² 114 psi

nano TECHNOLOGY

Customisable and available in ASME code manufacture

Surface Treatment:

- The elements are painted by electrostatic spraying powder paint, epoxy polyester
- Nanotechnology treatment
- For alimentary use, please ask

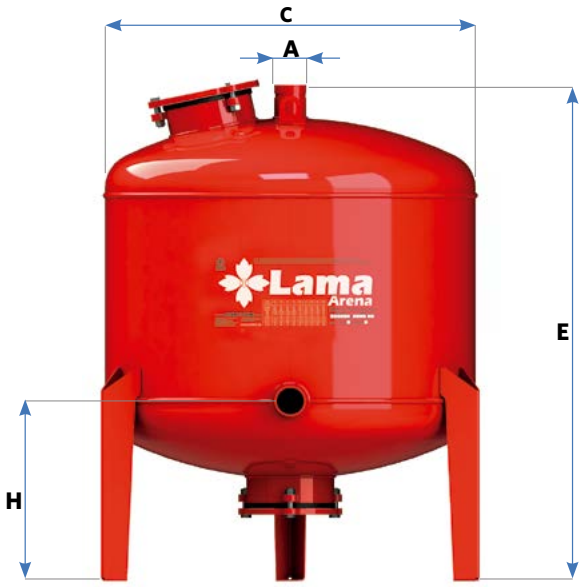
System:

- Designed for low filtration rates of 5 to10 m/h
- Holes water for easy maintenance

Cleaning:

- Backwashing with clean water, it is made by pumping water backwards through the filter media, to regenerate the filtering material
- It brings external water
- It can be combined with air

It is recommened to add a security filter after the sand station.



Filtration Surface (m^2)	C (mm)	A (Ø)	E (mm)	H (mm)	Sang (kg)	Package Volume (m^3)	Description	Code
0,096	350	1" Thread H	637	155	30	0,180	Collector arms	**FAV1**
0,196	500	1,5" Thread H	930	350	100	0,620	Collector arms	**FA500R**
0,385	700	2" Vic	965	350	200	0,810	Collector arms	**FA700**
0,503	800	3" Vic	1.128	450	300	0,960	Collector arms	**FA800**
0,709	950	3" Vic	1.220	450	500	1,620	Collector arms	**FA950**
1,131	1.200	3"- 4" Vic	1.275	450	800	2,456	Collector arms	**FA1200**
0,385	700	2" Vic	950	350	170	0,810	Double chamber and nozzles	**FD700**
0,709	950	3" Vic	1.220	450	420	1,700	Double chamber and nozzles	**FD950**
1,131	1.200	3"- 4" Vic	1.280	450	700	2,500	Double chamber and nozzles	**FD1200**

* Ask for **outlets to THREAD or DIN FLANGES** with the same price
* Ask for **plastic connection** for **FA950 and FA800** filters

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Surface Treatment:

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- Nanotechnology treatment
- For alimentary use, please ask

System:

- Designed for low filtration rates of 5 to10 m/h
- Holes water for easy maintenance

Cleaning:

- Backwashing with clean water, it is made by pumping water backwards through the filter media, to regenerate the filtering material
- It brings external water
- It can be combined with air

It is recommened to add a security filter after the sand station

Filtration Surface (m^2)	A (Ø)	B (mm)	C (mm)	D (mm)	E (mm)	J (mm)	K (mm)	Package Volume (m^3)	Description	Code
0,20	2"	1.730	500	1.400	2.215	165	165	0,3	Collector arms	**FI5B**
0,38	2"	1.860	700	1.400	2.280	165	165	0,62	Collector arms	**FI7B**
0,50	3"	1.873	800	1.400	2.290	165	165	0,8	Collector arms	**FI8B**
0,71	3"	1.928	950	1.400	2.315	165	165	1,19	Collector arms	**FI9B**
1,13	3"	1.934	1.200	1.300	2.272	165	165	1,86	Collector arms	**F12B**
1,54	3"	1.916	1.400	1.200	2.210	165	165	2,47	Collector arms	**F14B**
0,20	2"	1.730	500	1.400	2.215	165	165	0,3	Nozzles	**FI5C**
0,38	2"	1.860	700	1.400	2.280	165	165	0,62	Nozzles	**FI7C**
0,50	3"	1.873	800	1.400	2.290	165	165	0,8	Nozzles	**FI8C**
0,71	3"	1.928	950	1.400	2.315	165	165	1,19	Nozzles	**FI9C**
1,13	3"	1.934	1.200	1.300	2.272	165	165	1,86	Nozzles	**F12C**
1,54	3"	1.916	1.400	1.200	2.210	165	165	2,47	Crepinas	**F14C**

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nano TECHNOLOGY

Customisable and available in ASME code manufacture

Optional ebonised manufacture

Surface Treatment:

Surface treatment by high pressure sandblast, grade S.A. 21/2, according toUNE-EN ISO 8501:1988.
It is very important to create a rough surface for the best adhesion of the paint. This enables oxides and all kinds of particles to be eliminated.

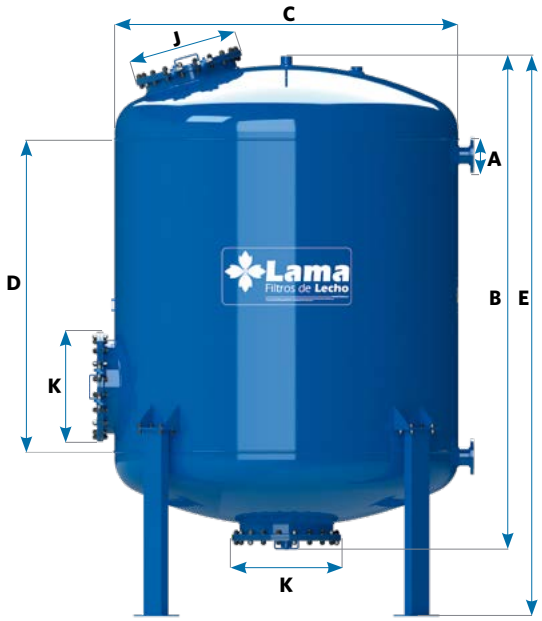
Exterior area:
- **1st layer** of epoxi zinc phosphate primer, with a dry film thickness of 80 microns. Micronage measurement.
- **2nd layer** medium layer epoxi, with a dry film thickness is 120 microns. Micronage measurement.
- **3rd layer** of aliphatic polyurethane enamel, with a dry film thickness is 50 microns, in blue colour. Micronage measurement. For another colour/treatment, please ask us.

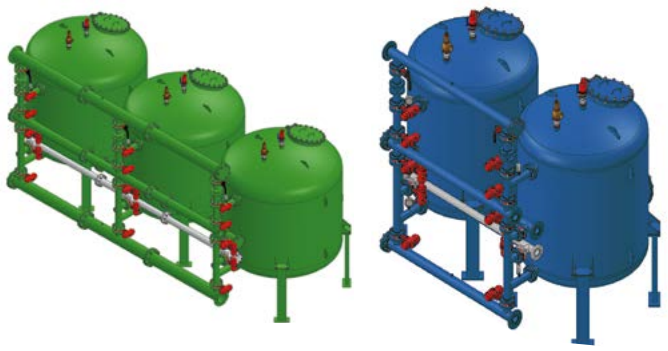
Interior area:
- **1st phase:** epoxi primer layer.
- **2nd phase:** double layer of epoxi paint without solvent **for foodstuff,** with an average dry film thickness of 350 microns. Micronage measurement.

Performance:

- The backwashing with clean water for investment of flow, or changing the filtering material.
- The backwashing through compressed air.
- Great combination between filtración/backwashing adapted to the number of valves.
- It can be used butterfly valves, they can be pneumatic or electric.
- The control of the parametres can be done on site or remote.

It is recommened to add a security filter after the sand station.





Examples of special media filters station with pneumatic butterfly valves

Filtration Surface (m^2)	**A** (Ø)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**J** (mm)	**K** (mm)	**Package Volume** (m^3)	**Code**
1,13	3" Thread	2.736	1.200	2.000	3.176	220	460	2,66	**F12CJH**
1,13	3" Thread	2.236	1.200	1.500	2.676	220	460	2,1	**F12CV15**
1,54	3" Thread	2.820	1.400	2.000	3.217	220	460	3,7	**F14CJH**
1,54	3" Thread	2.320	1.400	1.500	2.717	220	460	2,93	**F14CV15**
2,0	3" Thread	2.907	1.600	2.000	3.259	460	460	4,75	**F16CJH**
2,0	3" Thread	2.407	1.600	1.500	2.759	460	460	3,78	**F16CV15**
2,54	3" Thread	3.006	1.800	2.000	3.307	460	460	6,32	**F18CJH**
2,54	3" Thread	2.506	1.800	1.500	2.807	460	460	5,05	**F18CV15**
3,14	4" Thread	3.087	2.000	2.000	3.347	460	460	7,95	**F20CJH**
3,14	4" Thread	2.587	2.000	1.500	2.847	460	460	6,41	**F20CV15**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Lama


Lama

Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 8 Kg/cm² 114 psi

nano TECHNOLOGY

Customisable and available in ASME code manufacture

Design adapted to container transport

Optional ebonised manufacture

Superficial Treatment:

Surface treatment by high pressure sandblast, grade S.A. 21/2, according toUNE-EN ISO 8501:1988.
It is very important to create a rough surface for the best adhesion of the paint. This enables oxides and all kinds of particles to be eliminated.

Exterior area:
- **1st layer** of epoxi zinc phosphate primer, with a dry film thickness of 80 microns. Micronage measurement.
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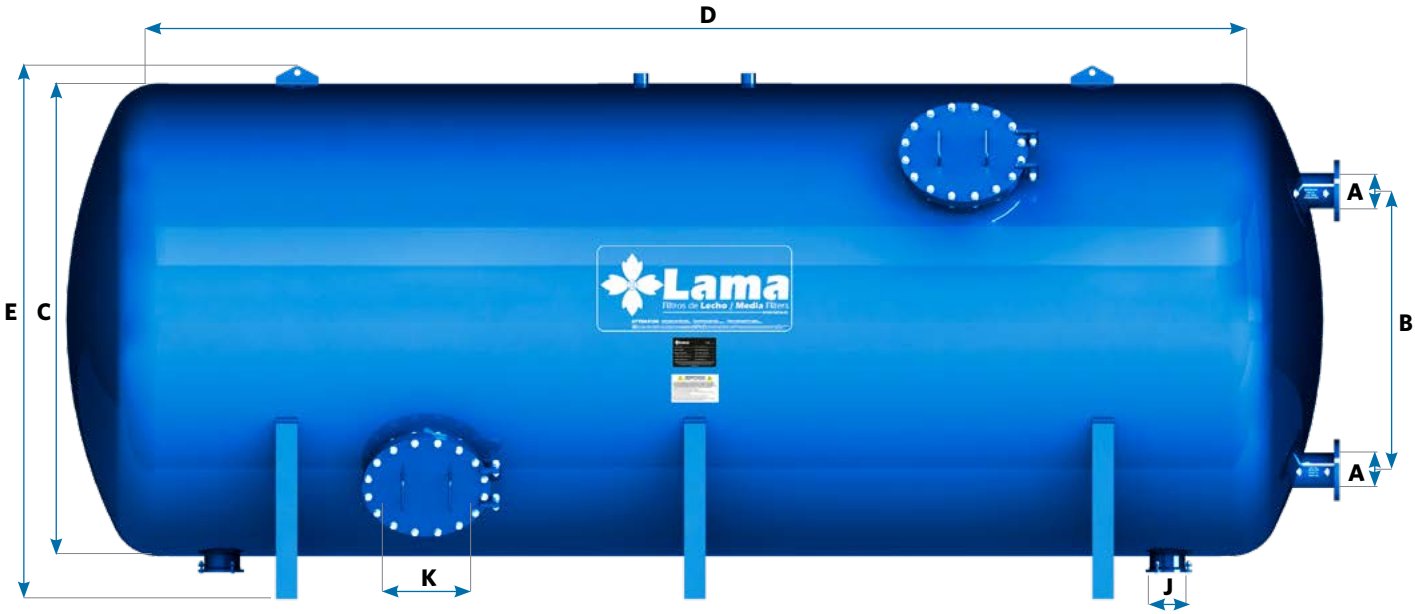
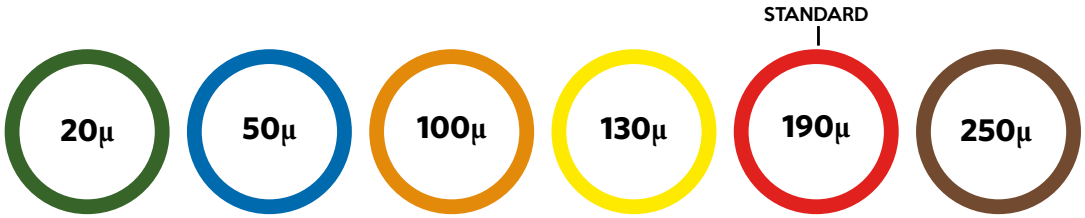


Filtration Surface (m²)	**A** (Ø)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**J** (mm)	**K** (mm)	**Package Volume** (m³)	**Code**
9,3	6" flange	900	1.800	4.900	2.065	6"	500	13,7	**H18B49**
10,43	6" flange	1.100	2.000	4.900	2.265	6"	500	16,9	**H20B49**
11,54	6" flange	1.300	2.200	4.900	2.465	6"	500	20,6	**H22B49**

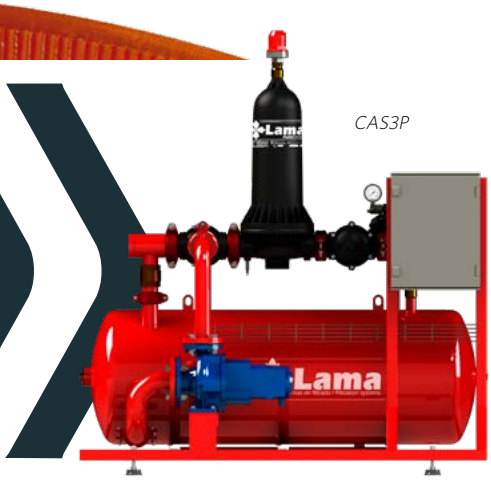
2. **Disc** Filters

The disc performs physical filtration by retaining solids that are not dissolved in the water in channels. Filtration takes place due to the effect of the overlapping of a set of discs, installed in a strong and secure structure. The disc channels allow filtration to take place deeply.



SELF-CLEANING FILTERS **WITH TANK**

- Synchronised manoeuvres with low water consumption
- Fully automated and reduced pressure drop
- Compressed air option for manoeuvres
- Easy assembly and disassembly
- Resistant to the action of chemical agents



CAS3P

AutoSenior

FILTER
Code with Threaded Closure
FAS3TR
Code with Ringlock Clamp Closure
FAAP3AN

FILTER + VALVE
Code with Threaded Closure
FAS3BA
Code with Ringlock Clamp Closure
FAAP3ANB

KIT
Code with Threaded Closure
FA3K
Code with Ringlock Clamp Closure
FAAP3ANK

AutoSenior**4"**

FILTER
Code with Ringlock Clamp Closure
FAAP4

- **Station:** filters + plastic inlet and outlet collector + Globo Plastic valve + suction pad + pressure recorder

- **The station is supplied assembled**

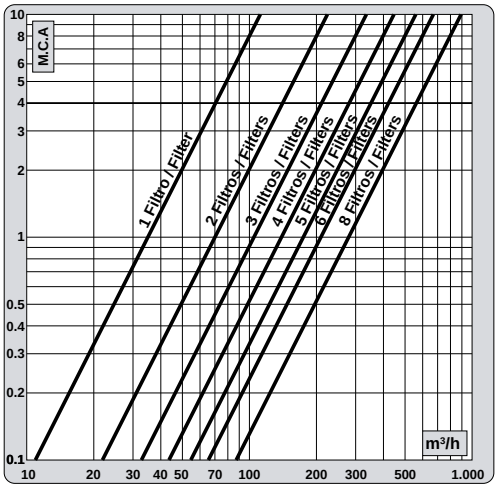
2,5 BACKWASHING PRESSION Kg/cm²

PRES MAX 8 Kg/cm² 114 psi

STANDARD 190µm

(For **1,5 Kg/cm²** ask us)

HEAD LOSS



Results obtained in approved tests with clean water and 190µm discs.

Flow Limit 4m. H.D	Max. Recommended Flow (m³/h)			Filtration Surface (cm²)	Description		Code
					Filter Code: FAS3TR		
	< 50ppm	50/100ppm	100/200ppm		Nº Filter	Ø of Collector	
141	40	25	16	3.226	2	4"	**C2ASPEQS**
211	60	37,5	24	4.839	3	4"	**C3ASPEQS**
281	80	50	32	6.452	4	4"	**C4ASPEQS**
281	80	50	32	6.452	4	6"	**C4A6PEQS**
352	100	62,5	40	8.065	5	6"	**C5ASPEQS**
422	120	75	48	9.678	6	6"	**C6ASPEQS**
562	160	100	64	12.904	8	6"	**C8ASPEQS**
562	160	100	64	12.904	8	8"	**C8A8PEQS**
703	200	125	80	16.130	10	8" double line	**10ASPEQS**
844	240	150	96	19.356	12	8" double line	**12ASPEQS**
1.687	480	300	192	38.712	24	12" double line	**24ASPEQS**

Net Weight (kg)	Gross Weight (kg)	Package Volume (m³)	Min. Vol. Drainage. Flow (2,5 kg/cm²)	Min. Drainage Flow (m³/h)	Filter Code	Disc Spare Part 190µm
13	14	0,07	45 ℓ	10,5	**FA3K**	**RAA3R**
8	9	0,07	45 ℓ	10,5	**FAS3TR**	

* Ask for **plastic couplings**
* Ask for the price of the **drainage collector**

- **Station:** filters + plastic inlet and outlet collector + Globo Plastic valve + suction pad + pressure recorder

- **The station is supplied assembled**

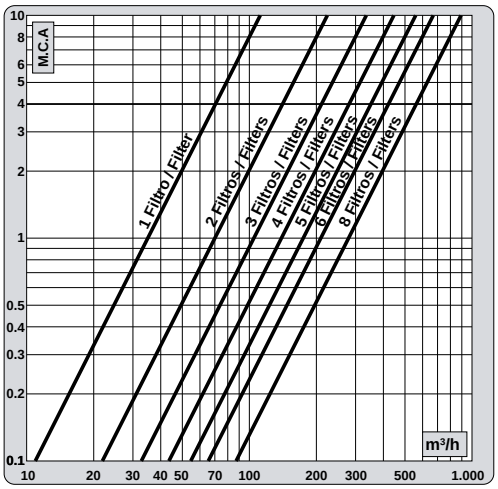
2,5 BACKWASHING PRESSION Kg/cm²

PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm

(For **1,5 Kg/cm²** ask us)

HEAD LOSS



Results obtained in approved tests with clean water and 190µm discs.

C4A3A4S

Flow Limit 4m. H.D	Max. Recommended Flow (m³/h)			Filtration Surface (cm²)	Description		Code
					Filter Code: FAAP3AN		
	< 50ppm	50/100ppm	100/200ppm		Nª Filters	Ø of collector	
141	40	25	16	3.226	2	4"	**C2A3A4S**
211	60	37,5	24	4.839	3	4"	**C3A3A4S**
281	80	50	32	6.452	4	4"	**C4A3A4S**
281	80	50	32	6.452	4	6"	**C4A3A6S**
352	100	62,5	40	8.065	5	6"	**C5A3A6S**
422	120	75	48	9.678	6	6"	**C6A3A6S**
562	160	100	64	12.904	8	6	**C8A3A6S**
562	160	100	64	12.904	8	8"	**C8A3A8S**

Net Weight (kg)	Gross Weight (kg)	Package Volumen	Min. Vol. Drainage Flow (2,5 kg/cm²)	Min. Drainage Flow (m³/h)	Filter Code	Disc Spare Part 190µm
13	14	0,07 m³	45 ℓ	10,5	**FAAP3ANK**	**RAA3R**
8	9	0,07 m³	45 ℓ	10,5	**FAAP3AN**	

* Ask for the price of the **drainage collector**
* Ask for **plastic couplings**

- **Station:** filters + collectors (drainage included) + Globo Plastic valve + suction pad + pressure recorder

- **The station is supplied assembled**

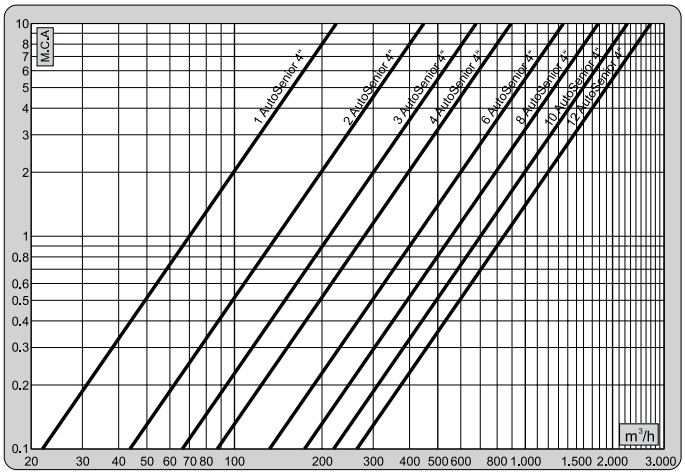
2,5 BACKWASHING PRESSION Kg/cm²

PRES MAX 10 Kg/cm² 114 psi

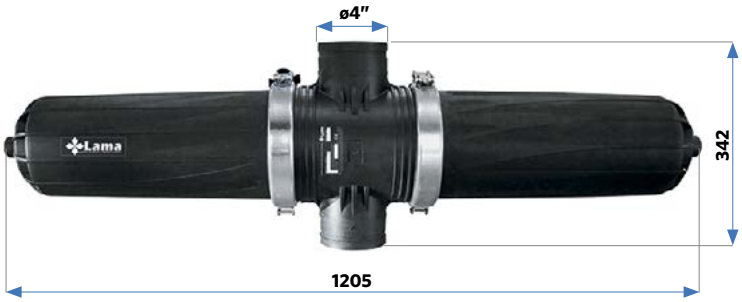
STANDARD 190µm

(For **1,5 Kg/cm²** ask us)

HEAD LOSS



Results obtained in approved tests with clean water and 190µm discs.



C4A4P3S

Flow Limit 4m. H.D	Max. Recommended Flow (m³/h)			Filtration Surface (cm²)	Description		Code
					Filter Code: FAAP4		
	< 50ppm	50/100ppm	100/200ppm		Nº Filters	Ø of collector	
282	80	50	32	6.452	2	Ø6"	**C2A4P3S**
423	120	75	48	9.678	3	Ø6"	**C3A4P3S**
564	160	100	64	12.904	4	Ø8"	**C4A4P3S**
705	200	150	80	16.130	5	Ø8"	**C5A4P3S**
846	240	150	96	19.356	6	Ø10"	**C6A4P3S**
1.128	320	200	128	25.808	8	Ø10"	**C8A4P3S**
1.410	400	250	160	32.260	10	Ø12"	**C10A4P3S**
1.692	480	300	192	38.712	12	Ø12"	**C12A4P3S**

Net Weight (kg)	Gross Weight (kg)	Package Volume (m³)	Min. Vol. Drainage Flow (2,5 kg/cm²)	Min. Drainage Flow (m³/h)	Filter Code	Disc Spare Part 190µm
15	32,5	0,130	90 ℓ	21	**FAAP4**	**RAA3R** x 2 units

* Ask for **plastic couplings**


Lama
AutoSenior

nano TECHNOLOGY · Available 3" · 2,5 BACKWASHING PRESSION Kg/cm² · Available PRES MAX 16 Kg/cm² 228 psi · PRES MAX 10 Kg/cm² 142 psi · STANDARD 190µm

C6RLS

	FRA3
Net Weight (kg)	51
Gross Weight (kg)	71
Package Volume (m^3)	0,25
Min. Vol. Drainage Water (2,5 kg/cm^2)	60 ℓ
Disc spare parts 190µm	**RAR3R**

Flow Limit 4m. H.D	Max. Recommended Flow (m^3/h)			Filtration Surface (cm^2)	Min. Drainage Flow (m^3/h)	Collector	Description	Code
	< 50ppm	50/100ppm	100/200ppm					
89	26	16	10	2.042	14	Ø3"	1 without programmer	**FRA3**
178	52	31	20	4.084	14	Ø4"	2 in line	**C2RLS**
356	140	84	55	8.168	14	Ø6"	4 in line	**C4RLS**
534	225	135	88	12.252	14	Ø8"	6 in line	**C6RLS**
712	300	180	117	16.336	14	Ø8"	8 in line	**C8RLS**
890	375	225	146	20.420	14	Ø10"	10 double line	**10RLS**
1.068	450	270	176	24.504	14	Ø10"	12 double line	**12RLS**

MasterMegadisc

nanoPLUS+ TECHNOLOGY · Available 4" - 6" · 2,5 BACKWASHING PRESSION Kg/cm² · Available PRES MAX 16 Kg/cm² 228 psi · PRES MAX 10 Kg/cm² 142 psi · STANDARD 190µm

C4R4S

	FRA4	FRA6
Net Weight (kg)	106	213
Connection (Ø)	4" Vic	Outlet 6" Vic Inlet 2 x 4" Vic
Min. Vol. Drainage Water (2,5 kg/cm^2)	525 ℓ	1.050 ℓ
Disc Kit (190µm)	**RAR4R**	**RAR6R**

	Flow Limit 4m. H.D	Max. Recommended Flow (m^3/h)			Filtration Surface (cm^2)	Min. Drainage Flow (m^3/h)	Collector	Description	Code
		< 50ppm	50/100ppm	100/200ppm					
4"	267	97	58	38	6.126	42	Ø4"	1 of 4" equipped	**FRA4**
	1.068	450	270	176	24.504	42	Ø10"	4 of 4" in line	**C4R4S**
	1.602	675	405	263	36.756	42	Ø12"	6 of 4" in line	**C6R4S**
	2.136	900	540	351	49.008	42	Ø14"	8 of 4" double line	**C8R4S**
	3.204	1.350	810	526	73.512	42	Ø18"	12 of 4" double line	**12R4S**
6"	534	225	135	88	12.252	84	Ø6"	1 of 6" equipped	**FRA6**
	6.408	2.700	1.620	1.053	147.024	84	Ø24"	12 of 6" double line	**12R6S**
	9.024	3.600	2.160	1.404	196.036	84	Ø24"	16 of 6" double line	**16R6S**
	12.816	5.400	3.240	2.106	294.048	84	Ø30"	24 of 6" double line	**24R6S**

* Ask for **other compositions**

- **Station:** filters + solenoid + Globo valve + suction pad + metal connection

Available 4" - 6"

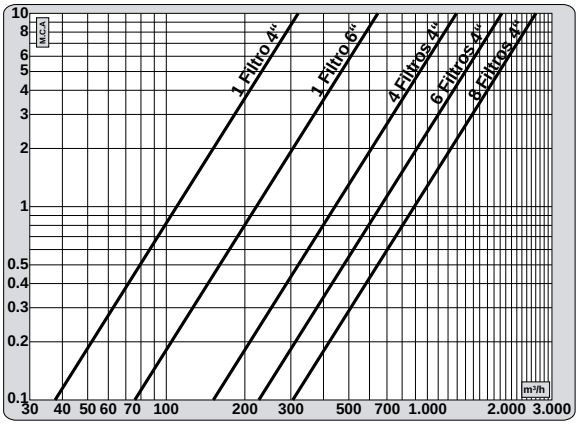
2,5 BACKWASHING PRESSION Kg/cm²

PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm

nanoPLUS TECHNOLOGY

HEAD LOSS



Resultados obtenidos en pruebas homologadas con agua limpia y anillas de 190µm.

	Flow Limit 4m. H.D	Max. Recommended Flow (m³/h)			Filtration Surface (cm²)	Min. Drainage Flow (m³/h)	Collector	Description	Code
		< 50ppm	50/100ppm	100/200ppm					
4"	211	73	44	28	4.839	31,5	Ø4"	1 of 4" unequipped	**FAS4TR**
	211	73	44	28	4.839	31,5	Ø4"	1 of 4" equipped	**FAE4**
	633	219	132	84	14.517	31,50	Ø8"	3 of 4" in line	**C3AS4S**
	844	292	176	112	19.356	31,50	Ø10"	4 of 4" in line	**C4AS4S**
	1.266	438	264	168	29.034	31,50	Ø12"	6 of 4" in line	**C6AS4S**
	1.688	584	352	224	38.712	31,50	Ø12"	8 of 4" double line	**C8AS4S**
	2.109	730	440	280	48.390	31,50	Ø14"	10 of 4"double line	**10AS4S**
	2.531	876	528	336	58.068	31,50	Ø14"	12 of 4" double line	**12AS4S**
	3.374	1.168	704	448	77.424	31,50	Ø16"	16 of 4" double line	**16AS4S**
	4.218	1.460	880	560	96.780	31,50	Ø18"	20 of 4" double line	**20AS4S**
	5.062	1.752	1.056	672	116.136	31,50	Ø20"	24 of 4" double line	**24AS4S**
6"	422	169	102	66	9.678	63	Ø6"	1 of 6" unequipped	**FAS6TR**
	422	169	102	66	9.678	63	Ø6"	1 of 6" equipped	**FAE6**
	1.687	676	408	264	38.712	63	Ø12"	4 of 6" in line	**C4AS6S**
	2.531	1.017	612	396	58.068	63	Ø14"	6 of 6" in line	**C6AS6S**
	3.374	1.352	816	528	77.424	63	Ø16"	8 of 6" double line	**C8AS6S**
	5.062	2.028	1.224	792	116.136	63	Ø20"	12 of 6" double line	**12AS6S**
	6.749	2.704	1.632	1.056	154.848	63	Ø24"	16 of 6" double line	**16AS6S**
	8.436	3.380	2.040	1.320	193.560	63	Ø24"	20 of 6" double line	**20AS6S**
	20.246	8.112	4.896	3.168	464.544	63	Ø38"	48 of 6" double line	**48AS6S**

Net Weight (kg)	Filtration Surface (kg)	Connection (m³)	Min. Vol. Drainage Water (2,5 kg/cm²)	Caudal Mín. Drenaje (m³/h)	Filter Code	Disc Spare Part 190µm
73	4.839	4" Vic	525 ℓ	31,5	**FAS4TR**	**RAA4**
160	9.678	Outlet 6" Vic Inlet 2x4" Vic	1.050 ℓ	63	**FAS6TR**	**RAA6**

* Ask for any **other composition**

DISCS ON PAGE 55

Senior 2" **thread**

Senior 3" **connection**

PRES MAX 8 Kg/cm² 114 psi

STANDARD 190µm

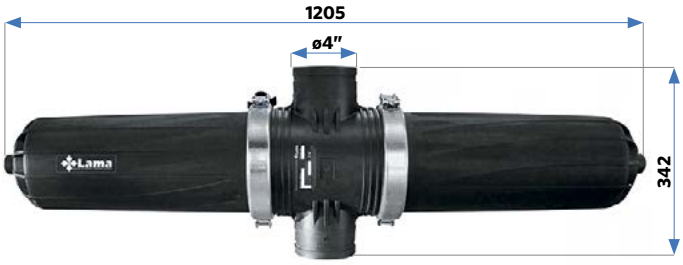
Senior 2"

Senior 2" XL

Senior 3"

PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm



Senior 4" ringlock clamp

Senior 3" ringlock clamp

Limit Flow (m^3/h)	**Filtration Surface** (cm^2)	**Net Weight** (kg)	**Gross Weight** (kg)	**Package Volume** (m^3)	**Description**	**Code**
22	1.240	5,5	6	0,04	Senior 2"filter - Discs - Thread B.S.P	**FDS2**
22	1.085	5,5	6	0,04	Senior 2" filter - Disc centrifuge - Thread B.S.P	**FDC2**
45	1.795	7,5	8	0,07	Senior 2"XL filter - Disc - Thread B.S.P / N.P.T 2"	**FDS2XL**
22	1.240	6,5	7	0,04	Senior 3"XS filter - Discs - "Vic"	**FDS3XS**
50	1.795	7,5	8	0,07	Senior 3" filter - Discs - "Vic"	**FVD3**
50	1.795	7,5	8	0,07	Senior 3" filter - Discs - Thread B.S.P	**FDS3**
50	1.795	7,5	8	0,07	Senior 3" filter - Discs - Thread B.S.P - Ringlock clamp	**FDS3AB**
43	1.640	7,5	8	0,07	Senior 3" filter - Disc centrifuge - "Vic"	**FVA3**
43	1.640	7,5	8	0,07	Senior 3" filter - Disc centrifuge - Thread B.S.P	**FDC3**
100	3.590	13,4	16,6	0,11	Senior 4" filter - Disc - "Vic" - Ringlock clamp	**FVD4**

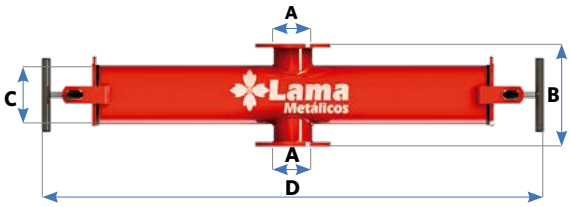
DISCS ON PAGE 55

Available PRES MAX 16 Kg/cm² 228 psi

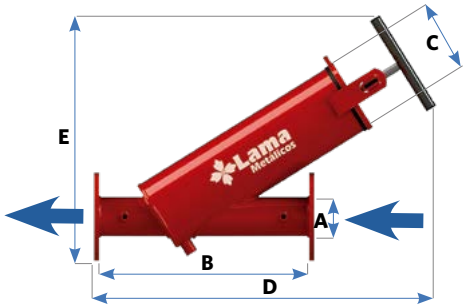
PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm

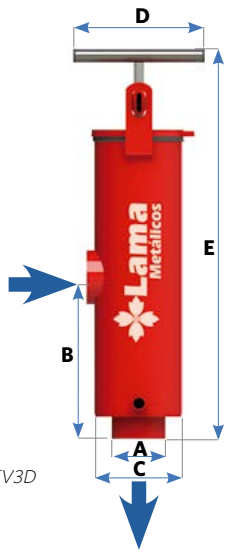
nano TECHNOLOGY



FD4D



FY3D

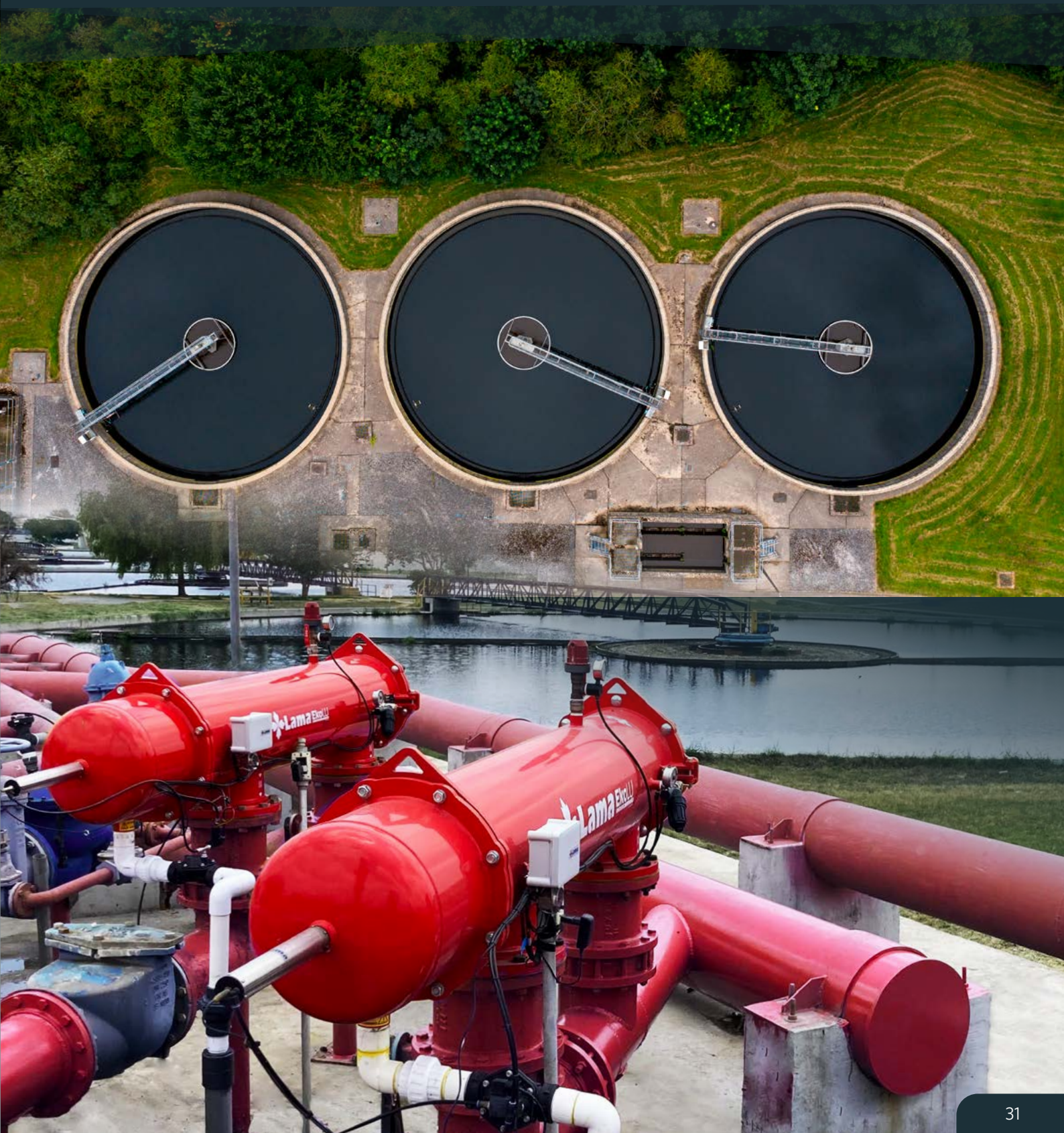


FV3D

A	B (mm)	C (mm)	D (mm)	E (mm)	Limit Flow (m^3/h)	Net Weight (kg)	Gross Weight (kg)	Package Volume (m^3)	Description	Code
2" Thread H	319	165	230	540	22	12,5	13	0,032	2" vertical filter	**FV2D**
3" Thread H	275	165	230	666	50	15,5	16	0,070	3" vertical filter	**FV3D**
2" Thread M	450	165	605	520	22	13,5	17,5	0,070	2" Y Filter	**FY2D**
3" Flange	500	165	750	520	50	21,5	22	0,089	3" Y Filter	**FY3D**
4" Flange	290	165	1.480	290	80	38	60	0,157	4" double body filter	**FD4D**
High security cartridge of parallel discs						For filters FV2D and FY2D				**CA2R**
						For filters FV3D, FY3D and FD4D				**CA3R**

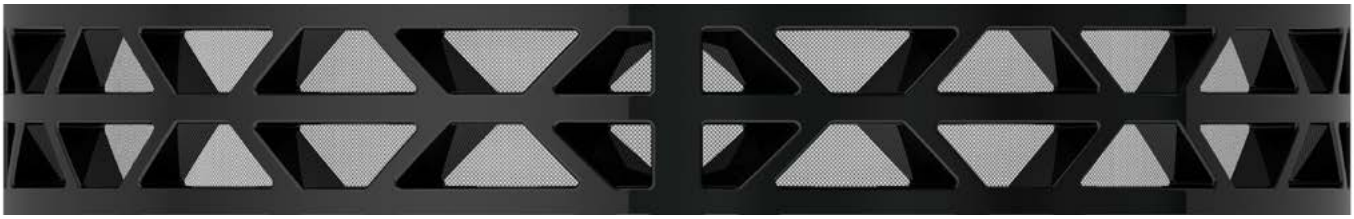
3. **Screen** Filters

Physical filtration occurs in screen filters due to the retention of solids in suspension in water between the holes of the sieve. The screen behaves like a sieve that allows dirt with a smaller particle size than its holes to pass through, and retains grains larger than the holes.



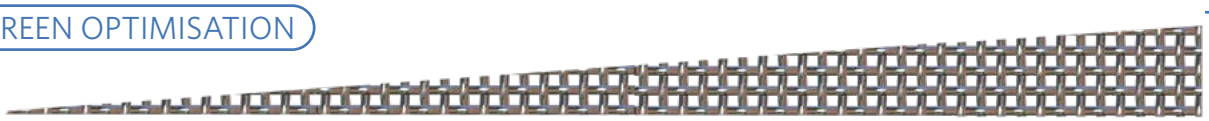
FULL INJECTED CARTRIDGE

- Great performance
- Registered design
- More resistant
- **It is available for 0,190 mm black colour and 0,130 mm red colour cartridge**



SCREEN SIZE

SCREEN OPTIMISATION

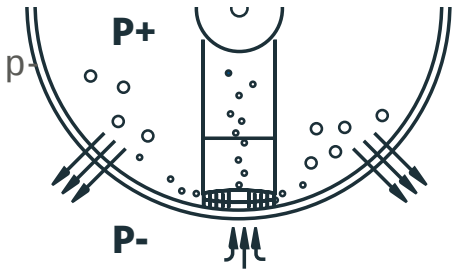


316 inox Screen

Automatic's STANDARD

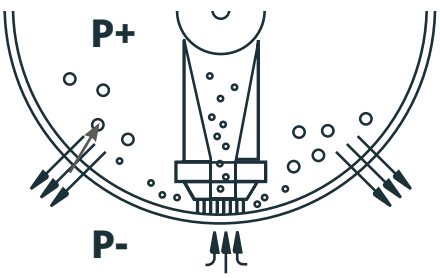
Manual's STANDARD

HYDRAULIC AUTOMATIC FILTERS

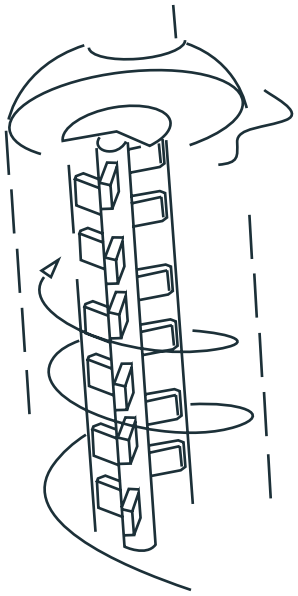


Hydraulic filter nozzles

ELECTRIC AUTOMATIC FILTERS



Electric filter nozzles



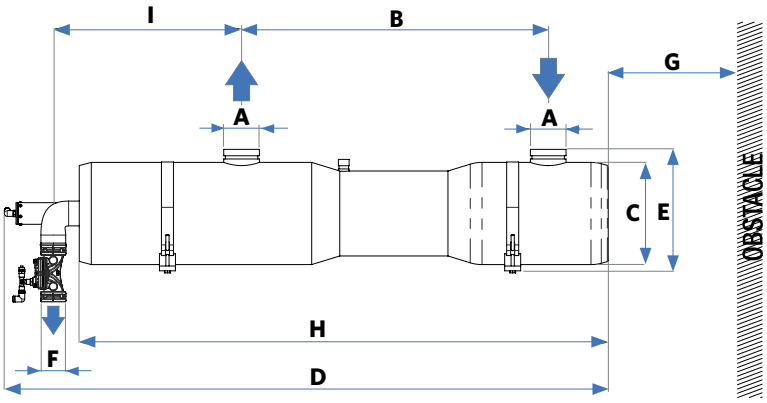
Way of rotation of both systems from **right to left**

- Filter + hydraulic bottle + pressure recorder + microtube + valve

PRES MAX 10 Kg/cm² 142 psi

NEW PRODUCT

Possibility of modular skid manufacturing, increasing flow rate and filtration surface area



A (Ø)	B (mm)	C (mm)	D (mm)	E (mm)	F (Ø)	G (mm)	H (mm)	Net Weight (kg)	Package			Code
									Dimensions (mm)	Weight (kg)	Volume (m³)	
3"	765	255	1.507	305	1 ½" BSP F	750	1.320	72	1.550x420x530	82	0,345 m³	**EKOFW3S**
4"	765	255	1.507	305	1 ½" BSP F	750	1.320	72	1.550x420x530	82	0,345 m³	**EKOFW4S**

Max. Recommended Flow (m³/h)		Filtration Surface (cm²)	Screen Surface (cm²)	Backwashing			Nº and Code of Cartridges	Code
< 50ppm	50/100ppm			Flow (m³/h)	Water Quantify (ℓ)	Time		
70	37	4.136	3.185	12,4	69	20"	4 x **T14P176**	**EKOFW3S**
144	77	4.136	3.185	12,4	69	20"	4 x **T14P176**	**EKOFW4S**

Single-filter kit Programmer Mini's: programmer + inductive sensor + solenoid + differential pressure regulator + microtube

- For hydraulic filters
- Single-filter programmer
- With this programmer the duration of the wash is automatic. It is not modificable by the end user
- Can be used with batteries 220V or 12V battery

Code: FLMSPRES

EkoLU Automatic screen filters with hydraulic system

- Filter + pre-filter + hydraulic bottle + valve + pressure recorder + microtube

2,5 BACKWASHING PRESSION Kg/cm²

Available PRES MAX 16 Kg/cm² 228 psi

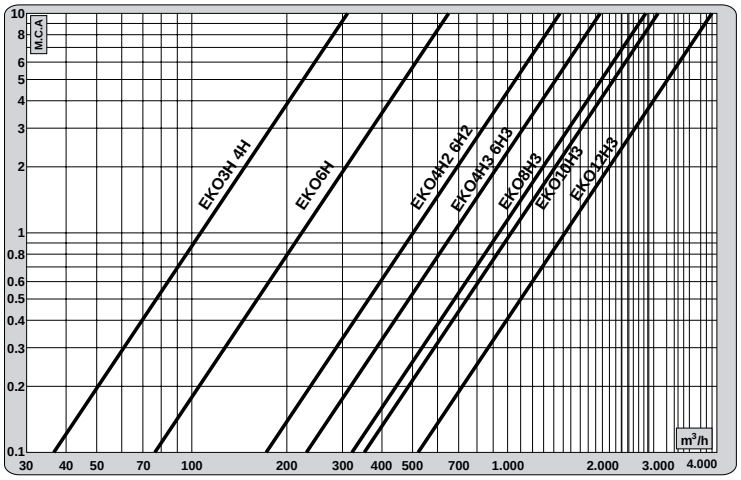
PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm

Optional ebonised manufacture ✔ | **Available for seawater ✔**

nanoPLUS TECHNOLOGY

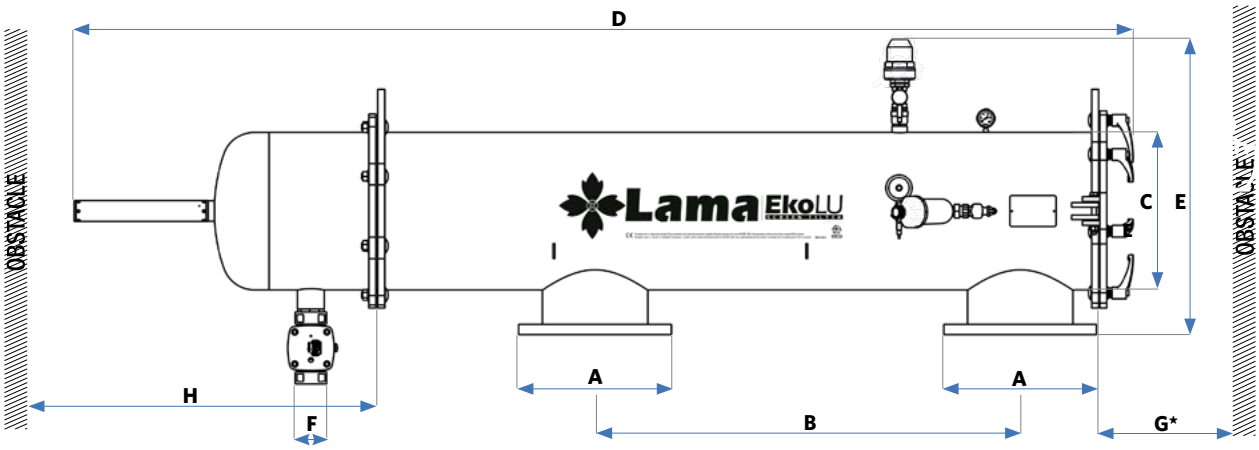
HEAD LOSS



Results obtained in approved tests with clean water and 190µm screen.

Flow Limit 3m. H.D	Max. Recommended Flow (m³/h)		Screen Surface (cm²)	Filtration Surface (cm²)	Backwashing Flow (m³/h)	Backwashing Water Quantify (ℓ)	Backwashing Time (minimum)	Nº of Cartridges Section	Code
	< 50ppm	50/100ppm							
180	70	37	1.593	3.378	6,2	34,4	20"	2 x **T14P176**	**EKO3HS**
180	70	37	1.593	3.378	6,2	34,4	20"	2 x **T14P176**	**EKO4HS**
720	280	148	6.370	8.155	15,5	215	50"	8 x **T14P176**	**EKO4H2S**
1.050	350	211	9.568	12.893	12,4	172	50"	8 x **T28P135**	**EKO4H3S**
370	140	74	3.185	4.970	12,4	68,8	20"	4 x **T14P176**	**EKO6HS**
720	280	148	6.370	8.155	15,5	215	50"	8 x **T14P176**	**EKO6H2S**
1.050	350	211	9.568	12.893	12,4	172	50"	8 x **T28P135**	**EKO6H3S**
788	263	158	7.176	9.670	9,3	129	50"	6 x **T28P135**	**EKO8H3CS**
1.400	394	237	10.764	14.089	15,5	215	50"	9 x **T28P135**	**EKO8H3S**
1.480	481	290	13.156	16.481	18,6	258	50"	11 x **T28P135**	**EKO10H3S**
1.800	525	317	14.352	1.7677	18,6	258	50"	12 x **T28P135**	**EKO12H3S**

* Ask for low **cleaning pressures**



G*: security area for the cartridge removal

A (Ø)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**F** (Ø)	**G** (mm)	**H** (mm)	**Net Weight** (kg)	**Package Dimension** (mm)	**Package Weight** (kg)	**Package Volume** (m^3)	**Code**
3" Flange	450	220	1.240	370	1" H	355	365	44	1.250x800x600	67	0,600	**EKO3HS**
4" Flange	450	220	1.240	370	1" H	355	365	45	1.250x800x600	68	0,600	**EKO4HS**
4" Flange	900	220	2.600	370	2" H	355	1.421	100	2.400x700x560	117	0,940	**EKO4H2S**
4" Flange	450	406	2.280	760	2" H	1.270	900	185	2.070x700x850	226	1,23	**EKO4H3S**
6" Flange	750	220	1.600	370	1" ½ H	355	717	58,20	1.450x800x560	80,2	0,649	**EKO6HS**
6" Flange	900	220	2.600	370	2" H	355	1.421	106	2.400x700x560	123	0,940	**EKO6H2S**
6" Flange	800	406	2.280	760	2" H	1.270	900	190	2.050x700x850	226	1,219	**EKO6H3S**
8" Flange	719	406	2.065	760	2" H	1.100	900	200	2.050x700x850	254	1,219	**EKO8H3CS**
8" Flange	1.100	406	2.415	760	2" H	1.405	900	218	2.050x700x850	254	1,219	**EKO8H3S**
10" Flange	1.100	406	2.685	760	2" H	1.675	900	240	2.200x700x850	275	1,309	**EKO10H3S**
12" Flange	1.370	406	2.820	760	2" H	1.810	900	254	2.540x700x870	280	1,546	**EKO12H3S**

Single-filter Kit Programmer Mini's: programmer + inductive sensor + solenoid + differential pressure regulator + microtube

- For hydraulic filters
- Single-filter programmer
- With this programmer the duration of the wash is automatic. It is not modificable by the end user
- Can be used with batteries 220V or 12V battery

Code: FLMSPRES

Eko Automatic screen filters with hydraulic system

- Filter + hydraulic bottle + valve + pressure recorder + microtube

2,5 BACKWASHING PRESSION Kg/cm²

Available PRES MAX 16 Kg/cm² 228 psi

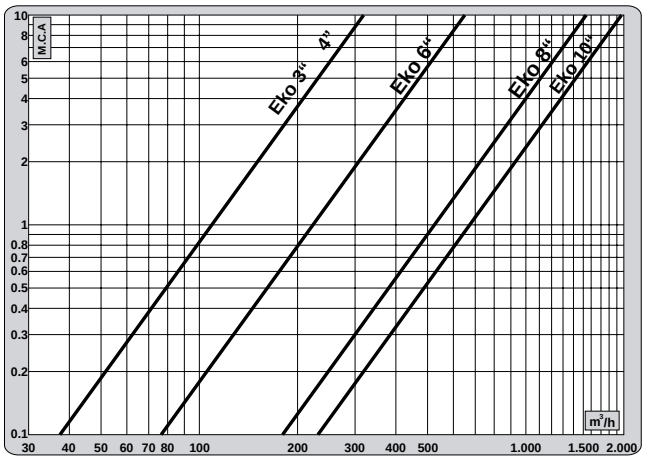
PRES MAX 10 Kg/cm² 142 psi

STANDARD 190µm

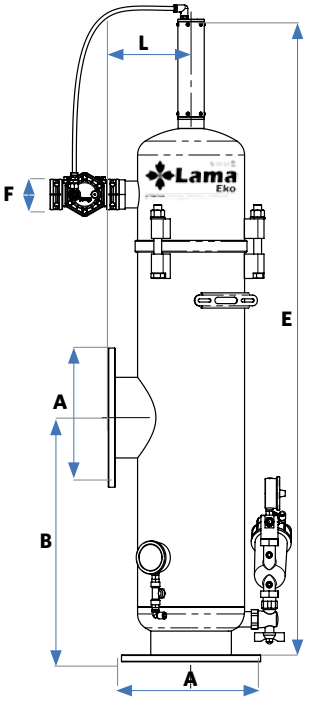
Optional ebonised manufacture ✓ | **Available for seawater** ✓

nanoPLUS TECHNOLOGY

HEAD LOSS



Results obtained in approved tests with clean water and 190µm screen.



A (Ø)	B (mm)	E (mm)	F (Ø)	L (mm)	Net Weight (kg)	Package Dimension (mm)	Package Weight (kg)	Package Volume (m³)	Code
3" Flange	300	975	1" H	170	32	860x700x460	41	0,276	**EKO3VS**
4" Flange	300	975	1" H	170	33	860x700x460	42	0,276	**EKO4VS**
4" Flange	300	1.176	1" ½ H	170	44	1.260x800x550	64	0,276	**EKO4VLS**
6" Flange	500	1.320	1" ½ H	170	56	1.260x800x550	76	0,554	**EKO6VS**
6" Flange	585	1.320	2" H	303	100	1.390x700x850	120	0,827	**EKO6VLS**
8" Flange	585	1.450	2" H	303	110	1.390x700x850	130	0,827	**EKO8VS**
10" Flange	750	1.854	2" H	303	129	1.800x700x850	159	1,071	**EKO10VS**

Flow Limit 3m. H.D	Max. Recommended Flow (m³/h)		Filtration Surface (cm²)	Backwashing Flow (m³/h)	Backwashing Water Quality (ℓ)	Backwashing Time (minimum)	Nº and Code of Cartridges	Code
	< 50ppm	50/100ppm						
180	70	37	1.593	6,2	34,4	20"	2 x **T14P176**	**EKO3VS**
180	70	37	1.593	6,2	34,4	20"	2 x **T14P176**	**EKO4VS**
180	107	57	2.389	12,4	69	20"	3 x **T14P176**	**EKO4VLS**
370	144	77	3.185	12,4	69	20"	4 x **T14P176**	**EKO6VS**
580	224	120	4.784	14,4	80	20"	4 x **T28P135**	**EKO6VLS**
725	280	150	5.980	14,4	80	20"	5 x **T28P135**	**EKO8VS**
1.120	432	232	9.568	20	111	20"	8 x **T28P135**	**EKO10VS**

Single-filter Kit Programmer Mini's: programmer + inductive sensor + solenoid + differential pressure regulator + microtube

- For hydraulic filters
- Single-filter programmer
- With this programmer the duration of the wash is automatic. It is not modificable by the end user
- Can be used with batteries 220V or 12V battery

Code: FLMSPRES

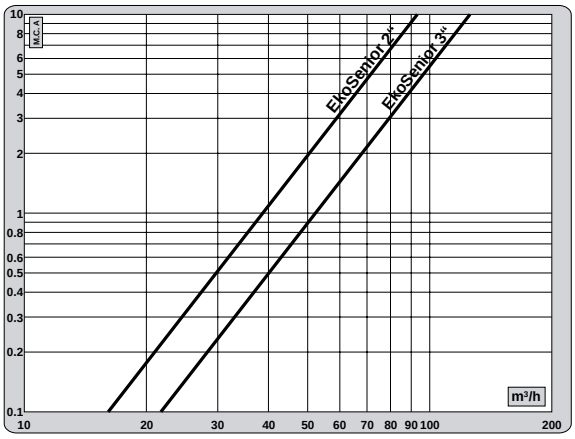
SCREEN ON PAGE 57 PROGRAMMERS ON PAGE 48

- Filter + hydraulic bottle + valve + pressure recorder + microtube

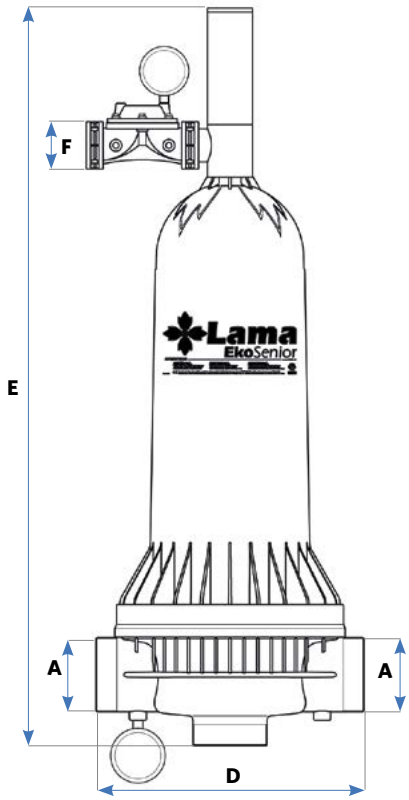
PRES MAX 8 kg/cm² 114 psi

STANDARD 190µm

HEAD LOSS



Results obtained in approved tests with clean water and 190µm screen.



A ( )	D (mm)	E (mm)	F ( )	Net Weight (kg)	Package Dimension (mm)	Package Weight (kg)	Package Volume (m³)	Code
2"	320	707	1" H	8	860 x 600 x 350	10	0,180	**EKOSE2S**
2"	320	707	1" H	8	860 x 600 x 350	10	0,180	**EKOSE2XLS**
3"	320	886	1" H	11	860 x 600 x 350	13	0,180	**EKOSE3S**

Flow Limit 3m. H.D	Max. Recommended Flow (m³/h)		Filtration Surface (cm²)	Backwashing Flow (m³/h)	Backwashing Time	Code
	< 50ppm	50/100ppm				
59	20	12	591	4	20"	**EKOSE2S**
59	40	24	1040	6	20"	**EKOSE2XLS**
80	40	24	1040	6	20"	**EKOSE3S**

2" Filtering cartridge 190µm	**CEKS220**	3" Filtering cartridge 190µm	**CEKS320**

Single-filter Kit Programmer Mini's: programmer + inductive sensor + solenoid + differential pressure regulator + microtube	
• For hydraulic filters • Single-filter programmer • With this programmer the duration of the wash is automatic. It is not modificable by the end user • Can be used with batteries 220V or 12V battery	**Code:** FLMSPRES

* Ask for **other screen sizes**


Lama
Lama
Lama
AutoMesh


BEYMSA


Lama EkoLU
Lama EkoLU
Lama EkoLU
Sistemas de filtrado / Filtration systems
Lama EkoLU
Sistemas de filtrado / Filtration systems

- Filter + pre-filter + motor + valves + pressure recorder + microtube + suction pad

2,5 BACKWASHING PRESSION Kg/cm²

Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 10 Kg/cm² 142 psi

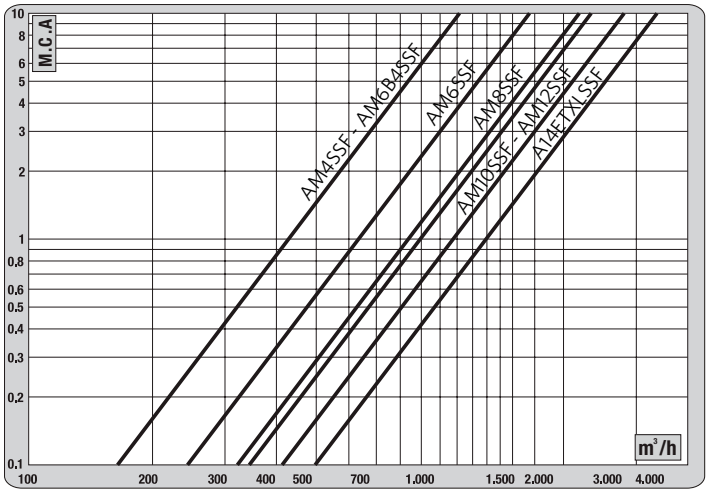
STANDARD 190µm

Optional ebonised manufacture ✓ | **Available for seawater** ✓

nanoPLUS TECHNOLOGY

Cleaning operation in 5 seconds ✓

HEAD LOSS

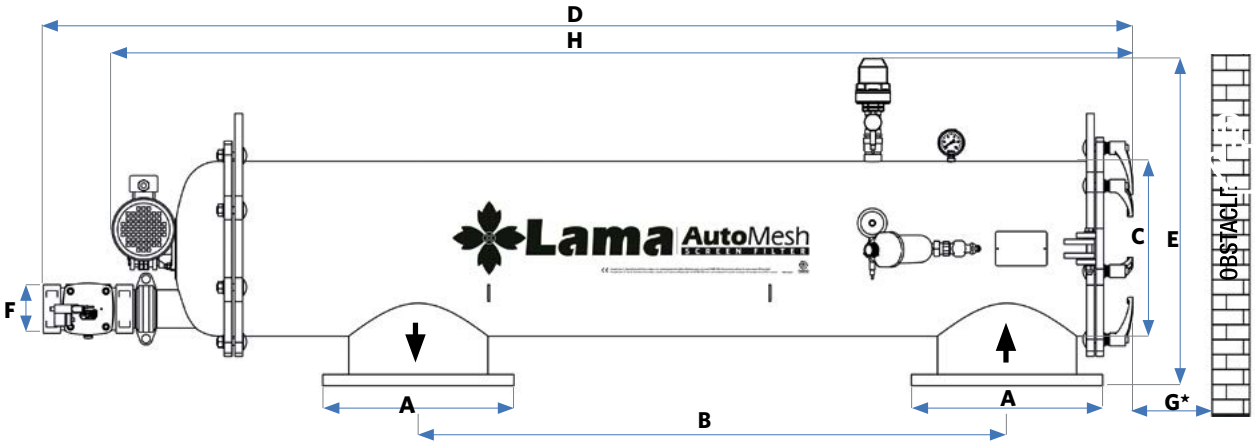


Results obtained in approved tests with clean water and 190µm screen.

AM12S

Flow Limit 3m. H.D	Connection	Max. Recommended Flow (m³/h)		Screen Surface (cm²)	Filtration Surface (cm²)	Backwashing Flow (m³/h)	Backwashing Water Quantify (minimum)	Backwashing Time (minimum)	Nº of Cartridges Sections	Code
		< 50ppm	50/100ppm							
700	4" Flange	219	132	5.980	8.058	75	105	5"	5 x **T28P135**	**AM4S**
700	4" Flange	350	211	9.568	12.893	120	167	5"	8 x **T28P135**	**AM6B4S**
1.050	6" Flange	350	211	9.568	12.893	120	167	5"	8 x **T28P135**	**AM6S**
1.400	8" Flange	394	237	10.764	14.089	135	188	5"	9 x **T28P135**	**AM8S**
1.480	10" Flange	481	290	13.156	16.481	165	229	5"	11 x **T28P135**	**AM10S**
1.800	12" Flange	525	317	14.352	17.677	180	250	5"	12 x **T28P135**	**AM12S**
2.760	14" Flange	805	425	18.313	29.030	210	292	5"	1 x **PVC400**	**A14ETXLS**
									Rubber Nozzle	**BAAG**
									Electric motor with control box 220V	**MOEB050**

* Ask for low **cleaning pressures**
* Ask if you need an **stabilizing valve**



G*: security area for the cartridge removal

A	B (mm)	C (mm)	D (mm)	E (mm)	F (Ø)	G* (mm)	H (mm)	Net Weight (kg)	Package Dimensions (mm)	Package Weight (kg)	Package Volume (m^3)	Code
4" Brida	450	406	1.590	760	3" Rosca	1.270	1.440	190	1.900x700x850	210	1,024	**AM4S**
4" Brida	800	406	1.995	741	3" Rosca	1.270	1.835	195	1.900x700x850	214	1,024	**AM6B4S**
6" Brida	800	406	2.010	760	3" Rosca	1.270	1.840	195	1.900x700x850	214	1,024	**AM6S**
8" Brida	1.100	406	2.145	760	3" Rosca	1.405	1.975	210	2.050x700x850	250	1,105	**AM8S**
10" Brida	1.100	406	2.415	760	3" Rosca	1.675	2.240	235	2.320x700x850	275	1,250	**AM10S**
12" Brida	1.370	406	2.550	760	3" Rosca	1.810	2.380	276	2.540x700x870	302	1,546	**AM12S**
14" Brida	1.370	600	2.415	795	3" Rosca	1.400	2.380	525	2.500x820x850	570	1,920	**A14ETXLS**

Single-filter Kit Programmer RIO8: programmer + inductive sensor + solenoid + differential pressure regulator + microtube	
• Option for electric filters • Single-filter programmer • The valve opening and closing is not included in the cleaning duration	**Code:** RIO8AMS

Calado Automatic screen filters with electric system

- Filter + motor + valves + pressure recorder + microtube + suction pad

2,5 BACKWASHING PRESSION Kg/cm²

Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 10 Kg/cm² 142 psi

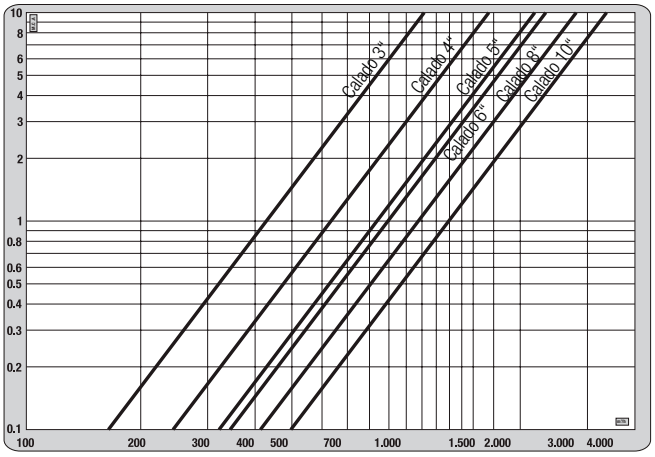
STANDARD 190µm

Optional ebonised manufacture ✔ | **Available for seawater** ✔

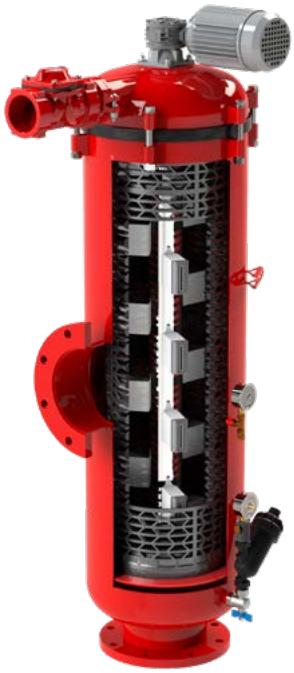
nanoPLUS TECHNOLOGY

Cleaning operation in 5 seconds ✔

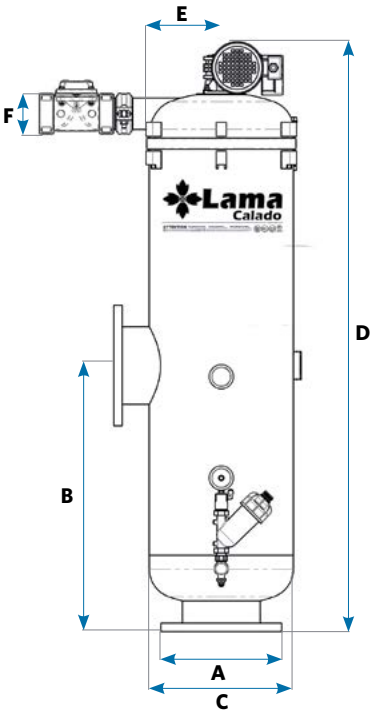
HEAD LOSS



Results obtained in approved tests with clean water and 190µm screen.



A3CMIS



A (Ø)	B (mm)	C (mm)	D (mm)	E (mm)	F (Ø)	Net Weight (kg)	Gross Weight (kg)	Package Volume (m^3)	Code
3" Thread H	316	406	880	660	2" Thread H	113,5	159,5	0,53	**A3CMIS**
4" Flange	486	406	1.131	713	2" Thread H	119	169	0,58	**A4CMIS**
5" Flange	600	406	1.100	664	2" Thread H	125	175	0,77	**A5CMIS**
6" Flange	585	406	1.292	729	2" Thread H	152	229,5	0,91	**A6CMIS**
8" Flange	750	406	1.647	815	3" Thread H	199	280	1,18	**A8CMIS**
10" Flange	750	406	1.700	664	3" Vic	215	300	1,3	**A10CMIS**

Flow Limit 3m. H.D.	Max. Recommended Flow (m^3/h)		Filtration Surface (cm^2)	Backwashing Flow(m^3/h)	Wash Water Quantify (ℓ)	Backwashing Time (minimum)	Code
	< 50ppm	50/100ppm					
374	127	77	2.533	22	25	5"	**A3CMIS**
670	227	137	4.180	39	38	5"	**A4CMIS**
768	261	158	4.500	45,5	43	5"	**A5CMIS**
1.010	343	207	6.035	58,5	76	5"	**A6CMIS**
1.321	449	271	9.283	83,5	88	5"	**A8CMIS**
1.408	479	289	9.990	90	113,75	5"	**A10CMIS**

Single-filter Kit Programmer RIO8: programmer + inductive sensor + solenoid + differential pressure regulator + microtube	
• Option for electric filters • Single-filter programmer • The valve opening and closing is not included in the cleaning duration	**Code:** RIO8AMS


Lama
Calado

Metálicos Centrifuge screen filters

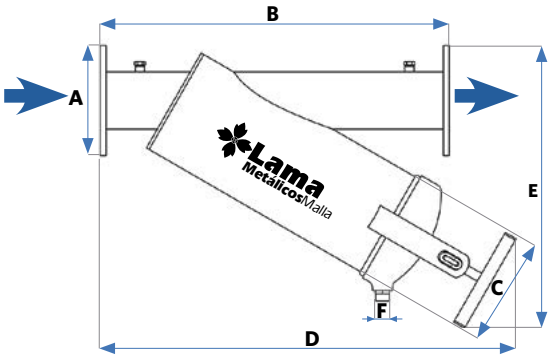
PRES MAX 10 Kg/cm² 142 psi

Available PRES MAX 16 Kg/cm² 228 psi

STANDARD 130µm

nano TECHNOLOGY

FCY6



FC4C

A	B (mm)	C (mm)	D (mm)	E (mm)	F ( )	Net Weight (kg)	Gross Weight (kg)	Package Volume (m^3)	Limit Flow (m^3/h)	Filtration Surface (cm^2)	Description	Code
2" Thread M	450	165	660	560	3/4"	16	18	0,089	22	1.071	2" centrifuge filter	**FCY2**
3" Flange	500	165	825	570	3/4"	23	26	0,158	37,7	1.590	3" centrifuge filter	**FCY3**
4'' Flange	700	219	840	575	3/4"	33	46	0,25	73,5	2.312	4" centrifuge filter	**FC4C**
5'' Flange	700	250	990	650	3/4"	40	68	0,27	73,5	3.116	5" centrifuge filter	**FCY5**
6'' Flange	730	320	995	900	3/4"	68	88	0,432	148	5.404	6" centrifuge filter	**FCY6**
Automatic cleaning kit 1" 220V: valve, programmer, convertor, solenoid and filter												**KL1C**
Automatic cleaning kit 1" battery: valve, programmer, boost solenoid and filter												**KL1MO**

* Ask **for waste accumulator tank, equipped with valve and programmer**

Metálicos Stainers

PRES MAX 10 Kg/cm² 142 psi

Available PRES MAX 16 Kg/cm² 228 psi

STANDARD 4000µm

nano TECHNOLOGY

FYC8CD

FCL4

Flange	Body Length (mm)	Body Diameter (mm)	Inside Diameter (mm)	Description	Pressure 10 kg/cm²	Pressure 16 kg/cm²
					Code	Code
3"	230	150	110	Y form stainers filter	**FYC3CD**	**FYC3CP6**
				L form stainers filter	**FCL3**	**FCL3P16**
4"	301	150	110	Y form stainers filter	**FYC4CD**	**FYC4P6**
				L form stainers filter	**FCL4**	**FCL4P16**
6"	350	200	160	Y form stainers filter	**FYC6CD**	**FYC6CP6**
8"	440	320	200	Y form stainers filter	**FYC8CD**	**FYC8CP6**
12"	725	430	315	Y form stainers filter	**FY12CD**	**FY12CP6**

* Ask **for more filters models and inches**

Senior 2" **thread**

Senior 3" **connection**

PRES MAX 8 Kg/cm² 114 psi

STANDARD 130µm

Senior 2"

Senior 2" XL

Senior 3"

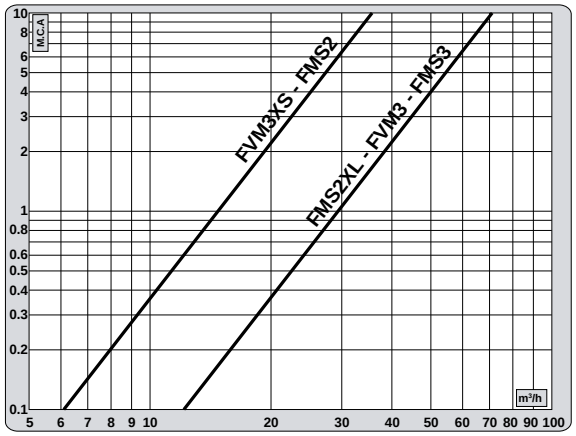
Senior 3" XS

PRES MAX 10 Kg/cm² 142 psi

STANDARD 130µm

Senior 3" ringlock clamp

HEAD LOSS



Results obtained in approved tests with clean water and 130µm screen.

Filtration Surface (cm^2)	**Net Weight** (kg)	**Gross Weight** (kg)	**Package Volume** (m^3)	**Limit Flow** (m^3/h)	**Description**	**Code**
1.240	5,5	6	0,04	25	Senior 2" filter · Thread B.S.P. · External screen	**FMS2**
1.085	5,5	6	0,04	25	Senior 2" filter · Thread B.S.P. · Screen centrifuge · Inside screen	**FCS2**
1.795	7,5	8	0,07	45	Senior 2" XL filter · Thread B.S.P. · External screen	**FMS2XL**
1.240	6,5	7	0,04	25	Senior 3"XS filter · Vic. External screen	**FMS3XS**
1.550	7	8	0,07	50	Senior 3" filter · Thread B.S.P. · External screen	**FMS3AB**
1.550	7	8	0,07	50	Senior 3" filter· Vic. · External screen	**FVM3**
1.550	7	8	0,07	50	Senior 3" filter · Thread B.S.P. · External screen	**FMS3**
1.485	7	8	0,07	33	Senior 3" filter · Vic. · Screen centrifuge · External screen	**FVC3**
1.485	7	8	0,07	33	Senior 3" filter · Thread B.S.P. · Screen centrifuge · Inside screen	**FCS3**

SCREEN ON PAGE 57

- Filter + brush cleaning mechanism + valve + pressure recorder + handle

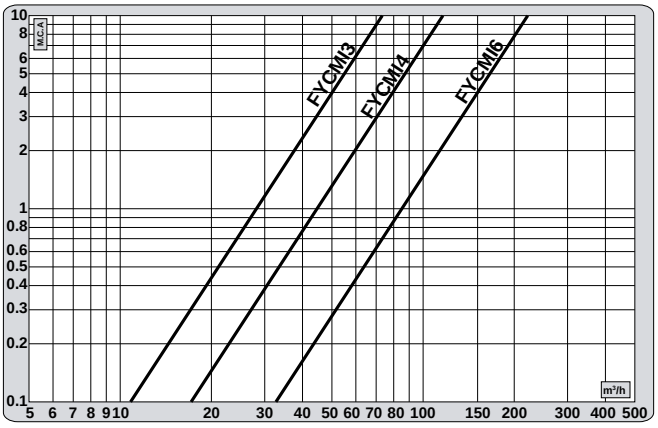
Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 8 Kg/cm² 114 psi

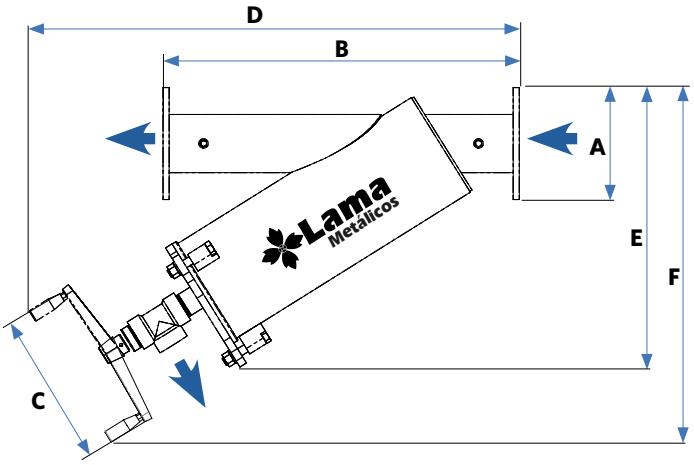
STANDARD 190µm

nano TECHNOLOGY

HEAD LOSS



Results obtained in approved tests with clean water and 190µm screen.



A (mm)	**B** (mm)	**C** (mm)	**D** (mm)	**E** (mm)	**F** (Ø)	**Filtration Surface** (cm²)	**Net Weight** (kg)	**Limit Flow** (m³/h)	**Code**
3" Flange	500	220	765	450	595	1.593	27	45,8	**FCM3000**
4" Flange	700	220	970	970	700	2.389	37	73,5	**FCM4000**
6" Flange	700	220	1.110	675	825	3.185	47	159,6	**FCM6000**

SCREEN ON PAGE 57

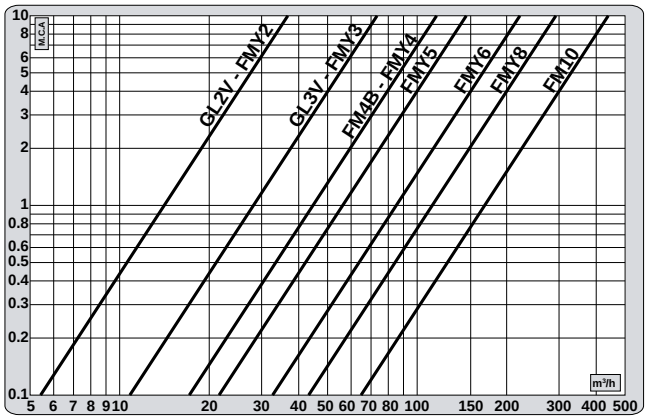
PRES MAX 10 Kg/cm² 142 psi

Available PRES MAX 16 Kg/cm² 228 psi

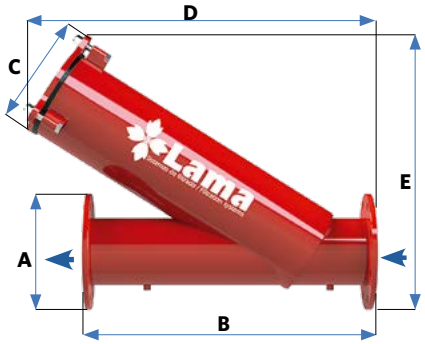
STANDARD 130µm

nano TECHNOLOGY

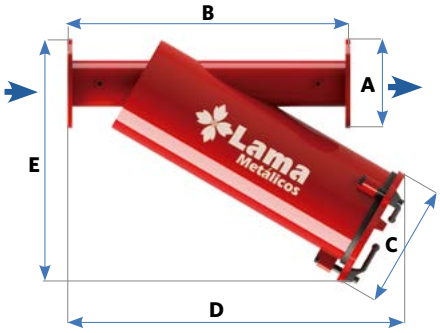
HEAD LOSS

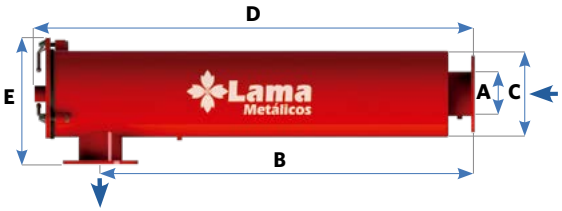


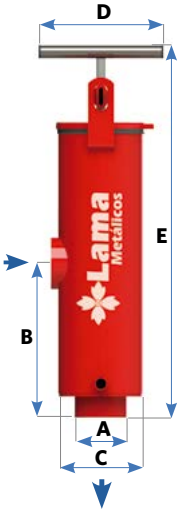
Results obtained in approved tests with clean water and 130µm screen.



FM6000







A	B (mm)	C (mm)	D (mm)	E (mm)	Filtration Surface (cm²)	Net Weight (kg)	Gross Weight (kg)	Package Volume (m³)	Limit Flow (m³/h)	Description	Code
2" Thread H	319	165	230	540	1.037	11,5	12	0,032	25	2" vertical · external screen	**GL2V**
3" Thread H	275	165	230	666	1.443	14	15	0,070	50	3" vertical · external screen	**GL3V**
2" Thread M	450	165	605	504	1.037	12,5	13	0,070	25	2" leaning · external screen	**FMY2**
3" Flange	500	165	752	500	1.490	20	22	0,089	50	3" leaning · external screen	**FMY3**
3" Flange	500	219	500	450	1.593	20	22	0,089	50	3" leaning · injected screen	**FM3000**
4" Flange	700	219	785	500	2.162	30	43	0,250	80	4" leaning · external screen	**FM4B**
4" Flange	700	250	825	600	2.897	37	50	0,250	80	4" leaning · inside screen	**FMY4**
4" Flange	700	219	700	970	2.389	37	50	0,250	80	4" leaning · injected screen	**FM4000**
5" Flange	700	250	825	600	2.897	39	65	0,250	100	5" leaning · inside screen	**FMY5**
6" Flange	730	320	986	923	5.038	65	85	0,432	150	6" leaning · inside screen	**FMY6**
6" Flange	700	219	840	675	3.185	65	85	0,432	150	6" leaning · injected screen	**FM6000**
8" Flange	900	430	1.340	1.250	10.897	133	153	0,890	200	8" leaning · inside screen	**FMY8**
10" Flange	1.000	430	1.525	1.430	13.112	167	190	1,270	300	10" leaning · inside screen	**FM10**
4" Flange	649	250	840	310	2.897	39	59	0,158	80	4" horizontal · inside screen	**FML4**
6" Flange	1.420	320	1.680	380	8.454	99	119	0,180	150	6" horizontal · inside screen	**FML6**
6" Flange	995	219	1.250	350	4.778	70	90	0,200	150	6" horizontal · injected screen	**FML6000**
8" Flange	1.645	320	1.930	270	9.868	100	140	0,900	200	8" horizontal · inside screen	**FML8**
10" Flange	1.623	430	1.950	540	15.327	110	150	1,000	300	10" horizontal · inside screen	**F10L**
12" Flange	1.848	430	2.250	590	17.541	125	160	1,140	420	12" horizontal · inside screen	**F12L**

* **Available in more inches**, ask us

SCREEN ON PAGE 57

RIO8 MULTI-STATION KIT

		220V AC	12V DC
		Code	Code
Number of Stations	1	CE1001SC	CE2001LA
	2	CE1002SC	CE2002LA
	3	CE1003SC	CE2003LA
	4	CE1004SC	CE2004LA
	5	CE1005SC	CE2005LA
	6	CE1006SC	CE2006LA
	7	CE1007SC	CE2007LA
	8	CE1008SC	CE2008LA
	9	CE1009SC	CE2009LA
	10	CE1010SC	CE2010LA
	11	CE1011SC	CE2011LA
	12	CE1012SC	CE2012LA
	13	CE1013SC	CE2013LA
	14	CE1014SC	CE2014LA
	15	CE1015SC	CE2015LA
	16	CE1016SC	CE2016LA
Description		RIO8 Programmer + swivel bend + solenoid + pressure sensors + microtube	
Programmer Support		PPCS1M	

CE1006SC

* Ask **for more stations**

RIO8 Y MINI'S KIT FOR A SINGLE STATION

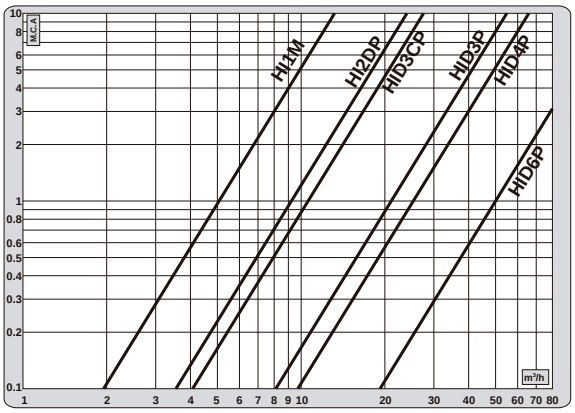
RIO8: for electrical systems	
Code	**RIO8AMS**
Description	RIO8 + pressure sensors + solenoid + microtube
MINI'S : for hydraulic systems	
Code	**FLMSPRES**
Description	Mini's + inductive sensors + solenoid + differential pressure regulator + microtube

RIO8AMS

FLMSPRES

For other **programmer kit** (e.g. in centrifuges), **ask us** or **visit the section in our e-commerce**. **Remember, this product is supplied separately.**

HEAD LOSS



Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 10 Kg/cm² 142 psi

nano TECHNOLOGY

HID6P

HID2P

A	B (mm)	C (mm)	D (mm)	E (mm)	Net Weight (kg)	Gross Weight (kg)	Package Volume (m^3)	Limit Flow (m^3/h)	Description	Code
1½" Thread M	102	130	462	168	9,20	9,20	0,06	12	1½" hydrocyclone without legs	**HI1M**
2" Vic	140	185	1.057	250	21,80	21,80	0,35	22	2" hydrocyclone	**HID2P**
2" Thread M	200	245	1.117	250	21,80	21,80	0,35	22	2" hydrocyclone	**HI2EP**
3" Flange	165	210	1.208	300	29,80	49,80	0,56	25	3" short hydrocyclone	**HID3CP**
3" Flange	200	313	1.600	500	50,60	76,60	1,14	50	3" hydrocyclone	**HID3P**
4" Flange	225	302	1.600	500	50,60	76,60	1,14	60	4" hydrocyclone	**HID4P**
6" Flange	225	302	1.600	500	50,60	90,50	1,14	75	6" hydrocyclone	**HID6P**
Automatic cleaning kit 2" 220V (valve, timer, transformer, solenoid and filter) for one hydrocyclone										**KL2C**
Automatic cleaning kit 2" batteries (valve, programmer, solenoid and filter) for one hydrocyclone										**KL2MO**
Hydrocyclone support 1½"										**SH1M**

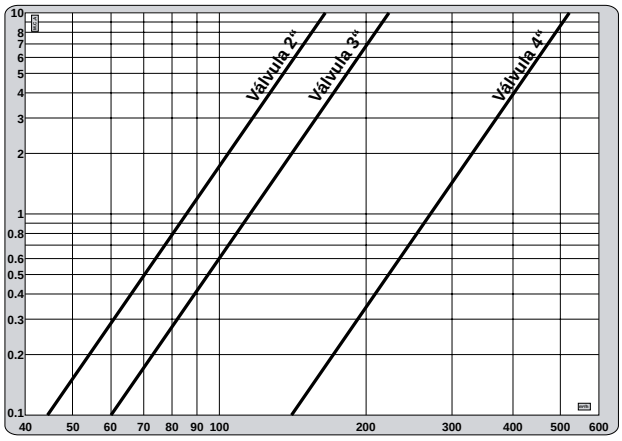
Flow Limit 4m. H.D	Max. Recommended Flow (m^3/h)	Description			Without Drainage Collector	With Drainage Collector + Valve + Programmer
		Nº Filters	Code	Dimensions	Code	Code
32	44	2	HID2	Ø4"	**HID2PX2**	**HID2P2D**
74	100	2	HID3	Ø6"	**HID3PX2**	**HID3P2D**
111	150	3	HID3	Ø6"	**HID3PX3**	**HID3P3D**
148	200	4	HID3	Ø8"	**HID3PX4**	**HID3P4D**
222	300	6	HID3	Ø10"	**HID3PX6**	**HID3P6D**
90	120	2	HID4	Ø6"	**HID4PX2**	**HID4P2D**
135	180	3	HID4	Ø8"	**HID4PX3**	**HID4P3D**
180	240	4	HID4	Ø8"	**HID4PX4**	**HID4P4D**
270	360	6	HID4	Ø10"	**HID4PX6**	**HID4P6D**

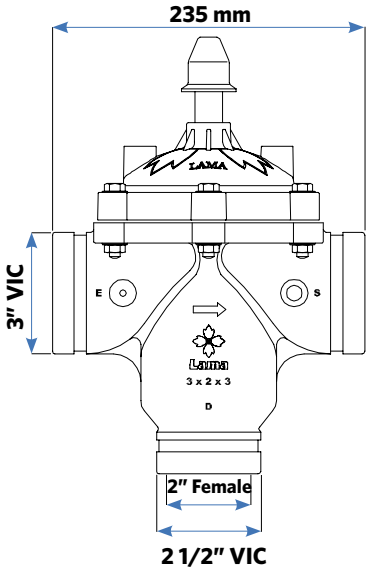
Body: cast steel
Membrane: synthetic rubber nitrile 60º Shore
Shaft: stainless steel
Shaft Valve: vulcanized rubber
Cover: glass fiber reinforce plyamide

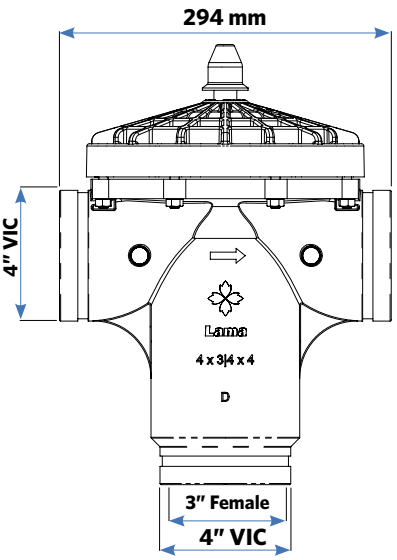
Available
PRES MAX 16 Kg/cm² 228 psi

PRES MAX 10 Kg/cm² 142 psi

HEAD LOSS







Max. Recommended Flow (m^3/h)		**Weight** (kg)	**Package Volume** (m^3)	**Description**	**Code**
Principal	Drainage				
60	32	8	0,026	3x2x3 Globo basic connection Vic · unequipped	**VN32**
150	61	17	0,043	4x3/4x4 Globo basic connection Vic · unequipped	**VN44**
60	32	8	0,026	3x2x3 Globo connection Vic · equiped with solenoid 24V AC N.C	**VC32**
150	61	17	0,043	4 x 3/4 x 4 Globo connection Vic · equiped with solenoid 24V AC N.C	**VC44**

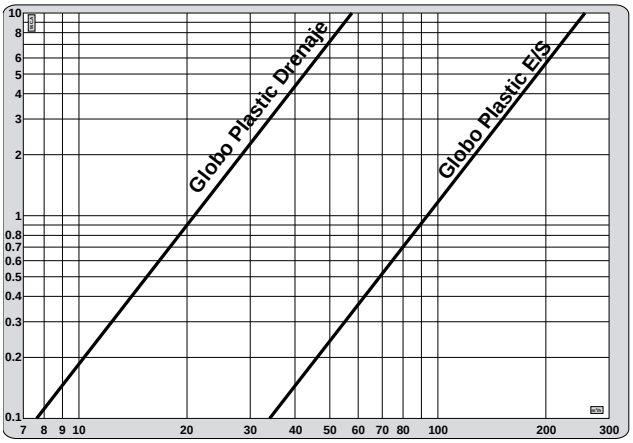
Membrane kit	**Code**
Membrane, spring, pin and joint ring **Used on Globo Valve VN44**	**MEN4TO**
Membrane, spring, pin and joint ring **Used on Globo Valve VN32 and VG22**	**MENVTO**

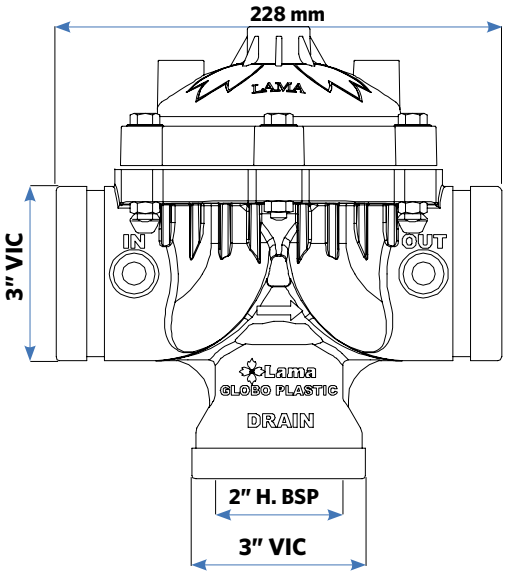
Body: glass fiber reinforced polyamide
Membrane: synthetic rubber nitrile 60ª Shore
Shaft: stainless steel
Shaft valve: vulcanized rubber
Cover: glass fiber reinforced polyamide

Available PRES MAX 16 Kg/cm² 228 psi

PRES MAX 10 Kg/cm² 142 psi

HEAD LOSS





Max. Recommended Flow (m^3/h)		Weight (kg)	Package Volume (m^3)	Description	Code
Principal	Drainage				
60	32	2	0,026	3 x 2 x 3 Globo Plastic connection Vic · unequipped	**VP32**
60	32	2,5	0,026	3 x 2 x 3 Globo Plastic connection Vic · equipped with solenoid 24V AC N.C.	**VPE3**
60	32	10,50	0,030	3 x 2 x 3 Globo Plastic: 2 connection Vic · 2 flanges · unequipped	**VP32BRI**

Membrane Kit	Code
Used in Globo valve VP32, VPE3 y VP32BRI	**MEVP**

Accessories and spare parts

Most of our spare parts and accessories are available in our e-commerce
www.lamastore.es
We invite you to place your orders using this service.

Accessories

Description	Code
New programmer Mini's (no adjusted) for filters EKO, EKOLU and EKOSENIOR (valid for 220V and 12V)	**FLMS**
Programmer **RIO 8**	**RIO8**
Programmer **RIO 16**	**RIO16**
1/4" LAMA glycerine pressure recorder (rank of measure from 0 to 10 Kg/cm²). Please ask for others ranks	**MANO**
Pressure recorder with maximun indicator of 16 Kg/cm²	**MANA**
LAMA differential pressostat (0-1 Kg/cm²) electric signal	**PRES**
Pressure sensor for programmers	**SPI8**
Hydraulic relay (equipped)	**CSLC**
Hydraulic relay (unequipped)	**CEBM**
Standard solenoid 1/8'' 24 VAC N.C	**SLNC**
Standard solenoid 1/8'' 24 VAC N.A	**SLNA**
Latch solenoid 1/8''	**LACHBA**
12V battery equipped with charge controller and waterproof case	**BATEEQ**
Battery 12V	**BATE**
Solar collector 12V	**PLAC**
1" Hydraulic plastic valve	**VH1P**
1½" Hydraulic plastic valve	**VH112P**
2" Hydraulic plastic valve	**VH2P**
2" Hydraulic metallic valve	**VHC2**
3" Hydraulic mettalic valve	**VH3C**
LAMA "2" automatic suction pad, double effect	**VE2L**
LAMA "1" automatic suction pad, double effect	**VE1L**
LAMA "1" sphere suction pad, double effect	**VV1L**
Option connection flange 3" valve 3×2×3	**KCV3**
Option connection flange 4'' valve 3×2×3	**KCV4**
Grooved Vic 2" to thread BSP 2" (metal)	**PON2**
Grooved Vic 3" to thread BSP 3" (metal)	**PON3**
Grooved Vic 4" to thread BSP 4" (metal)	**PON4**

Programmer **RIO (RIO8)**

Programmer **Mini´S (FLMS)**

Glycerine pressure gauge **(MANO)**

Pressure gauge **(MANA)**

Differential pressostat **(PRES)**

Sensor **(SPI8)**

Solenoid latch **(LACHBA)**

Hydraulic plastic valve **(VH1P, VH112P, VH2P)**

Suction pad 1" **(VE1L)**

Hydraulic relay **(CEBM)**

Solenoid **(SLNC / SLNA)**

Hydraulic metallic valve **(VHC2, VH3C)**

Suction pad 2" **(VE2L)**

Grooved "Vic" **(PON2, PON3, PON4)**

Description	Code
220V Electrical motor for suction scanner	**MOEL220**
3" LAMA stabilizing valve completely equipped	**VSL3**
4" LAMA stabilizing valve completely equipped	**VSL4**
6" LAMA stabilizing valve completely equipped	**VSL6**
8" LAMA stabilizing valve completely equipped	**VSL8**
10" LAMA stabilizing valve completely equipped	**VSL1**
12" LAMA stabilizing valve completely equipped	**VS12**
14" LAMA stabilizing valve completely equipped	**VS14**
3" LAMA stabilizing valve completely equipped for ITS	**VSL3INT**
4" LAMA stabilizing valve completely equipped for ITS	**VSL4INT**
6" LAMA stabilizing valve completely equipped for ITS	**VSL6INT**
8" LAMA stabilizing valve completely equipped for ITS	**VSL8INT**
10" LAMA stabilizing valve completely equipped for ITS	**VSL0INT**
12" LAMA stabilizing valve completely equipped for ITS	**VS12INT**
14" LAMA stabilizing valve completely equipped for ITS	**VS14INT**
Butterfly valve "sandwich" 3"	**VMP3**
Butterfly valve Vic 3"	**VM3V**
Butterfly valve "sandwich" 4"	**VMP4**
Butterfly valve "sandwich" 5"	**VMP5**
Butterfly valve "sandwich" 6"	**VMP6**
Butterfly valve "sandwich" 8"	**VMP8**
2" Vic connection	**VIC2**
3" Vic connection	**VIC3**
4" Vic connection	**VIC4**
6" Vic connection	**VIC6**
3" Plastic Vic connection	**VIC3PLA**
4" Plastic Vic connection	**VIC4PLA**
3"-2" Vic connection	**VIC32**
4"-3" Vic connection	**VIC43**
2" Female thread BSP to 2" Vic grooved (plastic) and joint ring	**RHV2**
3" Female thread BSP to 3" Vic grooved (plastic) and joint ring	**RHV3**
3" DIN 2546 flange to 3" Vic grooved (metal)	**B3EV**
4" DIN 2546 flange to 4" Vic grooved (metal)	**B4EV**
3" DIN 2546 flange to 3" female thread BSP (metal)	**BR3H**
3" Flange other norms to 3" female thread BSP (metal)	Ask

Electric motor **(MOEL220)**

Stabilizing valve **(VSL3, VSL4...)**

Butterfly valve **(VMP3, VMP4...)**

"Vic" **(VIC2,VIC3...)**

Plastic "Vic" **(VIC3PLA, VIC4PLA)**

"Vic" Flange **(B3EV,B4EV)**

Media spare parts

Filter Code	Ø Body (mm)	CENTRAL COLLECTOR	VOLCANIC SAND CODE ARBA
		Code	Weight
FAV1	350 collector arms	**TEU1**	**30 kg**
FA500	500 collector arms	**TE1½**	**100 kg**
FA700	700 collector arms	**TEU2**	**200 kg**
FA800	800 collector arms	**TE3C**	**300 kg**
FA950	950 collector arms	**TEU3**	**500 kg**
FA1200	1.200 collector arms	**TEU4**	**800 kg**
FD700	700 nozzles	**CREP (21 units)**	**170 kg**
FD950	950 nozzles	**CREP (24 units)**	**420 kg**
FD1200	1.200 nozzles	**CREP (24 units)**	**700 kg**

UPPER AND LOWER CLOSING JOINTS (all Sand filters)	
Code	Size (mm)
J175	175 x 145
Except FAV1: the lower joint is **TML2** (plug)	

Collector arms		
Code: without plug	Code: with plug	Size (mm)
CO23	**CO23T**	115
CO22	**CO22T**	230

Disc spare parts

Filter Code	FILTERING CARTRIDGE		CLOSING JOINTS			
	NEW		COVER JOINT		INSIDE JOINT	
	Code	Size (mm)	Code	Size (mm)	Code	Size (mm)
FV2D	**CA2R**	110 x 345	**JFMA**	175 x 90	**JFMB**	150 x 85
FV3D	**CA3R**	110 x 495	**JFMA**	175 x 90	**JFMB**	150 x 85
FVD4	**(x2) TFMAP4**	180 x 520	**T105**	98 x 3	**(x2) T105**	98 x 3
FY2D	**CA2R**	110 x 345	**JFMA**	175 x 90	**JFMB**	150 x 85
FY3D	**CA3R**	110 x 495	**JFMA**	175 x 90	**JFMB**	150 x 85
FD4D	**(x2) CA3R**	110 x 495	**(x2)JFMA**	175 x 90	**(x2) JFPD**	120 x 80
FDS2	**CS2R**	110 x 345	**JSB335**	204 x 180	**T103**	98 x 3
FVD3/FDS3	**CS3R**	110 x 500	**JSB335**	204 x 180	**T103**	98 x 3
FDS2XL	**CS3R**	110 x 500	**JSB335**	204 x 180	**T103**	98 x 3
FDS3AB	**TFMAP4**	180 x 520	**JCFAA4P**	200 x 6	**T105**	98 x 3
FDC2	**CRC2**	110 x 325	**JSB335**	98 x 3	**T103**	98 x 3
FVA3/FDC3	**CRC3**	110 x 470	**JSB335**	98 x 3	**T103**	98 x 3

	Filters Code	Size	Nº Tower	190µ	130µ	100µ	250µ	50µ	20µ	400µ
Number of disc in a Autosenior filter tower	**FAS3TR**	3"	1	252	401	392	335	500	510	Consultar
	FA4P	4"	2							

Description	Code
Parallel **green** disc (disc opening **20** microns)	**ANVE**
Parallel **blue** disc (disc opening **50** microns)	**ANAZ**
Parallel **orange** disc (disc opening **100** microns)	**ANNA**
Parallel **yellow** disc (disc opening **130** microns)	**ANAM**
Parallel **red** disc (disc opening **190** microns)	**ANIL**
Parallel **brown** disc (disc opening **250** microns)	**ANMA**
Parallel **purple** disc (disc opening **400** microns)	**AN400M**

Screen spare parts

Filter Code	FILTERING CARTRIDGE			CLOSING JOINTS			
	NEW		SCREEN REPLACEMENT	COVER JOINT		INSIDE JOINT	
	Code	Size (mm)	Code	Code	Size (mm)	Code	Size (mm)
GL2V	**CGL2**	110 x 344	**MGL2**	**JFMA**	175 x 90	**JFMB**	150 x 85
GL3V	**CFM3**	110 x 494	**MFM3**	**JFMA**	175 x 90	**JFMB**	150 x 85
FMY2	**CGL2**	110 X 344	**MGL2**	**JFMA**	175 x 90	**JFMB**	150 x 85
FMY3	**CFM3**	110 x 494	**MFM3**	**JFMA**	175 x 90	**JFMB**	150 x 85
FM4B	**CF4B**	160 x 488	**MF4B**	**J4BA**	230 x 125	**J4BB**	205 x 125
FMY4	**CFM4**	160 x 654	**MFM4**	**JTLA**	260 x 130	**JTLB**	235 x 125
FMY5	**CFM5**	160 x 654	**MFM5**	**JTLA**	260 x 130	**JTLB**	235 x 125
FMY6	**CFM6**	200 x 891	**MFM6**	**JF6A**	335 x 160	**JF6B**	215 x 165
FMY8	**CFM8**	315 x 1.230	**MFM8**	**J315/JA35**	330 x 275	**J315**	330 x 275
FM10	**CF10**	315 x 1.480	**MF10**	**J315/JA35**	330 x 275	**J315**	330 x 275
FML4	**CFM5**	160 x 654	**MFM5**	**JTLA**	130 x 260	**JTLB**	235 x 125
FML6	**CFL6**	200 x 1.495	**MFL6**	**JF6A**	160 x 335	**JF6B**	215 x 165
FML8	**CFL8**	200 x 1.745	**MFL8**	**JF6A**	160 x 335	**JF6B**	215 x 165
F10L	**CL10**	315 x 1.730	**ML10**	**J315/JA35**	330 x 275	**J315**	330 x 275
F12L	**CL12**	315 x 1.980	**ML12**	**J315/JA35**	330 x 275	**J315**	330 x 275
F16L	**CL16**	400 x 1.874	**ML16**	**JB24**	204 x 180	**T103**	98 x 3
FMS2	**CMS2***	110 x 348	**MMS2**	**JSB355**	204 x 180	**T103**	98 x 3
FMS2XL	**CMS3**	110 x 501	**MMS3**	**JSB355**	204 x 180	**T103**	98 x 3
FVM3/FMS3	**CMS3***	110 x 501	**MMS3**	**JSB355**	204 x 180	**T103**	98 x 3
A1MI	**CA11/2**	160 x 210	**MA1½**	**JCA2**	230 x 65	**JFA2**	210 x 127
A2CI	**CAU2**	160 x 280	**MAU2**	**JCA2**	230 x 65	**JFA2**	210 x 127
A3CI	**CAU3**	315 x 280	**MAU3**	**JCA4**	420 x 95	**J315**	330 x 275
A4CI	**CAU4**	315 x 463	**MAU4**	**JCA4**	420 x 95	**J315**	330 x 275
A5CI	**CAU5**	315 x 519	**MAU5**	**JCA4**	420 x 95	**J315**	330 x 275
A6CI	**CAU6**	315 x 668	**MAU6**	**JCA4**	420 x 95	**J315**	330 x 275
A8ETMBI	**C8EG200**	315 x 1.039	**MA8ET**	**JCA4**	420 x 95	**J315**	330 x 275
A10ETBI	**C10EG20**	315 x 1.095	**M10C**	**JCA4**	420 x 95	**J315**	330 x 275
A12ETBI	**C12EG20**	315 x 1.299	**M12A**	**JCA4**	420 x 95	**J315**	330 x 275
FCY2	**CFY2**	110 x 344	**MFY2**	**JFMA**	175 x 90	**JC3B**	150 x deflector
FCY3	**CFY3**	110 x 494	**MFY3**	**JFMA**	175 x 90	**JC3B**	150 x deflector
FC4C	**CF4C**	160 x 488	**MF4C**	**J4BA**	230 x 125	**J4CB**	205 x deflector
FCY5	**CFM5**	160 x 654	**MFM5**	**JTLA**	260 x 130	**JC4B**	235 x deflector
FCY6	**CFY6**	200 x 891	**MFY6**	**JF6A**	335 x 160	**JF6B**	215 x 165
FCS2	**CCS2**	110 x 331	**MCS2**	**T103**	98 x 3	**JFSA**	120 x deflector
FVC3/FCS3	**CCS3**	110 x 480	**MCS3**	**T103**	98 x 3	**JFSA**	120 x deflector

Cartridge Sections with External Screen			
Ø 310	142 mm	0,190 mm screen	**T28P135**
Ø 160	176 mm		**T14P176**
Ø 310	142 mm	0,130 mm screen	**T28P13R**
Ø 160	176 mm		**T14P17R**

310 Ø sections for filters 8' and larger.
160 Ø sections for filters up to 6'.


COMESA
3
Lama

SALES CONDITIONS

ORDERS

All orders must be made in writing and signed by a duly accredited person, indicating the place of destination and means of transport for the goods. Orders can be anticipated by telephone and must be ratified in writing. The accepted orders will be subject to the terms and conditions of sale of **LAMA SISTEMAS DE FILTRADO S.L.U.**

Orders must be placed by e-mail to the address: **lama@lama.es** .
- If it is a new item, you must indicate que quantify and the code or trade name of it
- It is a spare material, in addition to the quantify and the code or trade name of the selected item, you must also indicate the lot number or the purchase invoce of the station fow which the spare parts are intended
- If it is an old equipment, we have the necessary spare parts and you can request them in writting in any of the ways mentioned above

On our website you can find all descriptions and take apart of the equipment you need **www.lama.es.**

Our goods are served under reservation of title until full payment of the debt according to Law 3/2004 of december 29

SHIPPING

Unanticipated freight and costs (packaging, sea and air shipments) are under the **responsibility and risk of the buyer**, as well as the import documentation in the countries of destination and the extra documents required by the banks.

The **goods always travel at the risk of the buyer**, and the insurance is at the buyer's expense. The company considers the goods to be ready for dispatch corretly packed and placed on the truck, at the factory. Please check the goods received. In the event of any incident, please leave a written record on the agency's delivery note. Any damage produced during transport must be claimed to the agency offering the service within a maximum period of 24 hours from receipt of the goods.

LAMA sells EX-WORKS.

RETURN

No returns of claims will be accepted after 15 days of receipt.

Returns will be charged with **10% of the invoiced amount for packaging costs** and must come with their original packaging in perfect condition.

The use of the products for aims and pressures different from the recommended ones, will exempt to **LAMA SISTEMAS DE FILTRADO, S.L.U**, of any responsibility.

PAYMENT

CASH

Those orders paid to LAMA SISTEMAS DE FILTRADO S.L.U, before the expedition of the material, are considered cash sales.

DEFERRED PAYMENT

Applicable only to distributors who have met the company business requirements. Payment will be made, at the latest **60 days after the invoice date** (Law 15/2010 of july 5th), direct debited, acepted by bank transfer and guaranteed by the insurance company.

-The method of payment by confirming will lead to an increase in financial expenses of **2.5%.**

-The **first order** (new customer) **will be made in cash**

-The materials remain the property of the manufacturer until **full payment is made**

-Orders will be accepted and invoiced at the prices in force on the **date of dispatch**

-LAMA SISTEMAS DE FILTRADO S.L.U can change the prices without notifying the customer

-The expressed prices in the price list do not include taxes. In the event of non-payment, interest on arrears and other costs incurred shall be borne by the purchaser

-The invoice will be in **euros (€)**

Lama
Sistemas de filtrado / Filtration systems
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IMPORTANT WARNING: the price list for the current fiscal year 2026, that is published herein, is merely informative and is an estimation, so it could undergo changes throughout the year due to possible changes in the price of raw materials. The company is neither subject to nor obliged to maintain the prices indicated in the tariff, nor to publish any potential variation thereof.

Lama
Sistemas de filtrado / Filtration systems
by
h2O innovation®

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TUNISIA - tunisie@lama.es	**PERU** - peru@lama.es
ITALY - italia@lama.es	**PORTUGAL** - portugal@lama.es
FRANCE - france@lama.es	