

## NEW SELF-CLEANING SCREEN FILTER FMA-4000.

Its hydraulic operation system, low consumption of water and its innovative injected mesh cleaning cartridge make it the ideal solution for applications where power is not available.

MINIMUM WORKING PRESSURE OF 2 BAR

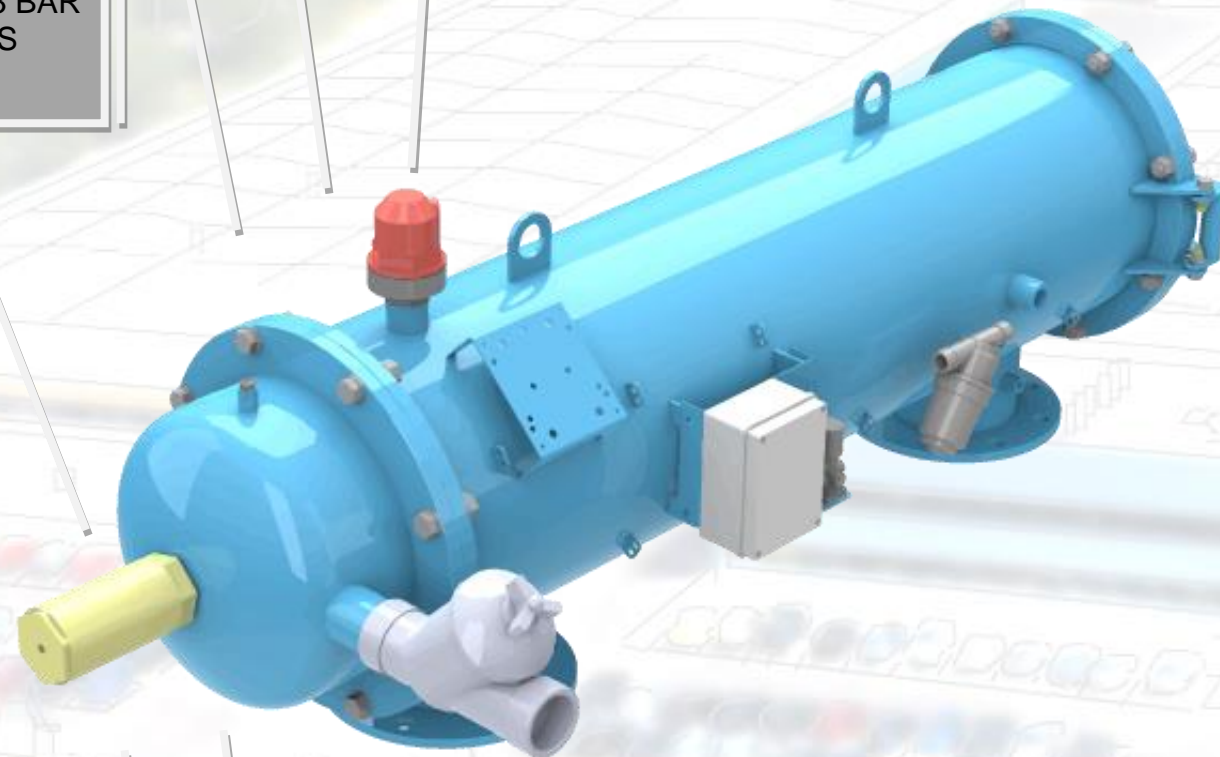


STF-FILTROS SUCTION NOZZLES WITH NYLON FIBERS OPTIMIZE THE WATER CONSUMPTION; AS WELL AS TO GET A MORE EFFECTIVE CLEANING CYCLE



SELF-CLEANING FILTER, WHICH STARTS THE BACKWASH CYCLE WHEN THE DP SET VALUE OF 0'3 BAR BETWEEN INLET & OUTLET IS REACHED

HYDRAULICALLY OPERATED. POWER SUPPLY IS NOT REQUIRED

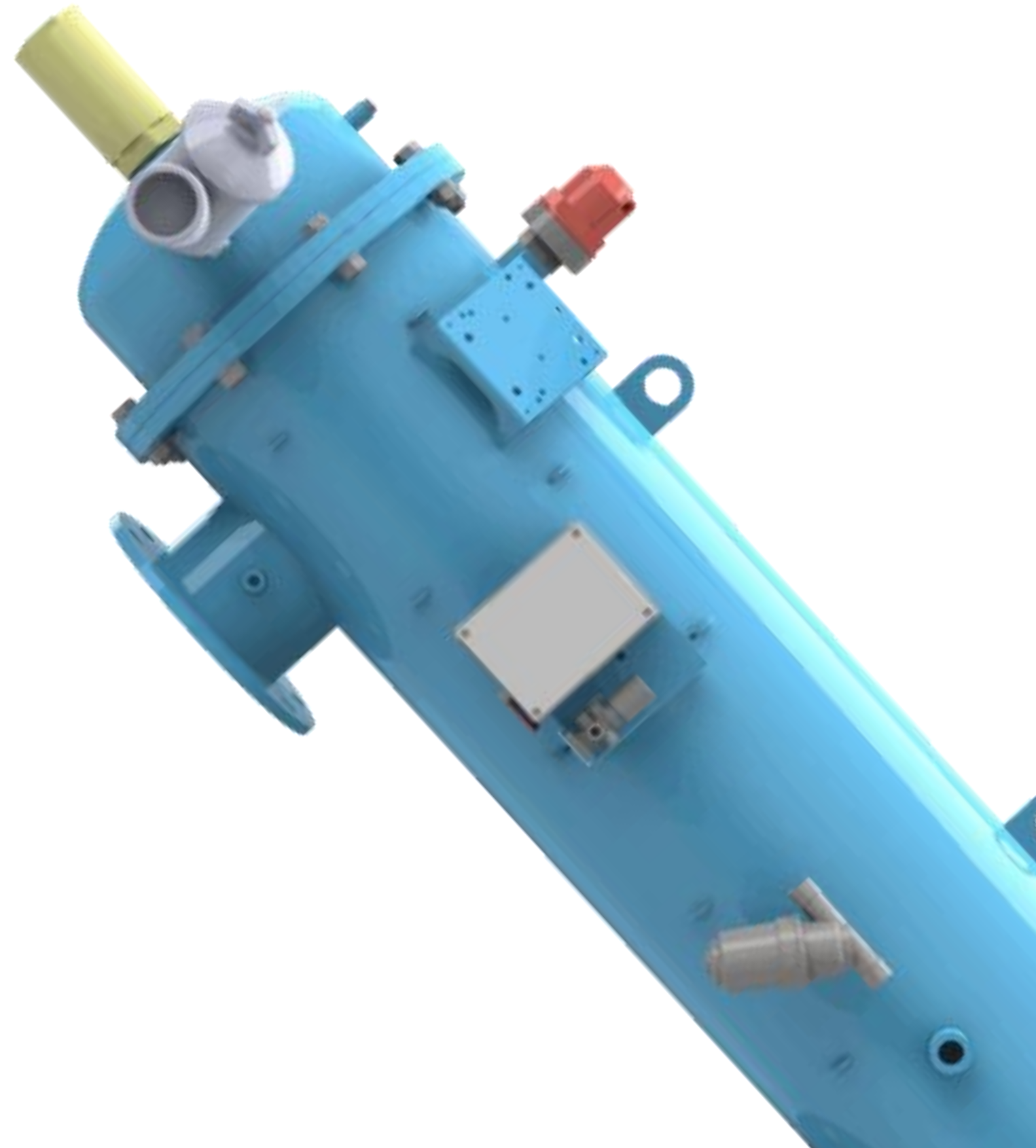


WIDE RANGE OF FLOWS. ALSO SEVERAL UNITS CAN BE INSTALLED IN PARALLEL TO SUIT ALL THE NEEDS

NEW FILTERING CARTRIDGE WITH STAINLESS STEEL SUPPORT WHICH IMPROVES THE FILTERING SURFACE AREA

FILTRATION RATES RANGE FROM 74 MICRONS TO 1500 MICRONS, TO SUIT YOUR NEEDS

MODEL	4003	4004	4006	4008	4010
<b>GENERAL DATA</b>					
Inlet/Outlet Diameter <sup>(1)</sup>	DN-80 (3")	DN-100 (4")	DN-150 (6")	DN-200 (8")	DN-250 (10")
Max./min Working pressure	2.5 bar / 10 bar				
Fluid maximum temperature	50 °C				
<b>STAINLESS STEEL SUPPORT CARTRIDGE</b>					
Maximum Flow Rate (m³/h)	110	200	270	410	580
Gross filtering surface (cm²)	2.400	4.800	7.200	9.600	12.000
Unladen weight (kg)	100	115	130	145	165
Filtration degrees	1500, 1000, 500, 300, 200, 125, 100, 74 micron				
<b>BACKWASHING DATA</b>					
Backwashing valve	BSP 2"				
Backwash cycle time	20-40 seconds				
Backwashing flow rate (m³/h)	3	6,5	14	23	28
Backwashing water consumption (l)	25	49	110	178	238
<b>ELECTRICAL DATA</b>					
Rated operation voltage	4 batteries 1.5 V LR 14-C / (optional 220 V AC 50 Hz)				
Control voltage	6 V DC / (24 V DC if option 220 V AC)				
<b>STANDARD MATERIALS</b>					
Filter housing and lids	S-235-JR carbon steel				
Finish treatment	Kiln Polymerized epoxy-polyester powder coating				
Suction scanner	AISI-304 stainless steel				
Filtration screens	AISI-316 stainless steel				
Suction nozzles	PVC with AISI 316 stainless steel ring and nylon brushes				
Backwashing valves	Polypropylene				
Nut and bolts	A4 stainless steel				
Joints	NBR – EPDM - Viton				
<b>SPECIAL MATERIALS (OPTIONALS)</b>					
Filter housing and lids	AISI 304 / AISI 316 / Duplex / SuperDuplex				
Finish treatment	Internal coating suitable for seawater and external coating for marine environment.				
Suction scanner	Duplex or Superduplex Stainless Steel				
Filtration screens	Avesta 254 SMO Stainless Steel				
Backwashing valves	Ask STF-Filtros				
Nut and bolts	SA-193-B8M				
Joints	Ask STF-Filtros				



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FILTROS

  
**VICENTE CANALES**  
GRUPO INDUSTRIAL

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FILTROS

**FMA-4000**  
SELF-CLEANING SCREEN FILTER