



SELF-CLEANING FILTERS



SELF-CLEANING

Self-Cleaning filters offer continuous automatic operation, low water consumption for cleaning, no interruption of downstream flow when cleaning, automatic flushing based on pressure-differential, hydraulic and electric control options. Removal of both organic (algae, debris) as well as sand and inorganic particles.



SELF-CLEANING FILTERS

FMA-1000 HYDRAULIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA1002	50	25	18	910	3,0	5,0
FMA1003	90	50	30	1600	6,5	12,5
FMA1004	150	70	50	2475	14,0	15,0
FMA1006	280	90	70	4950	23,0	30,0

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes
PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

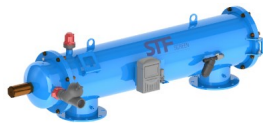
FMA-1000E ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA1002E	80	50	30	1600	3,0	5,0
FMA1003E	90	55	35	1600	6,5	12,5
FMA1004E	150	75	55	2400	14,0	15,5
FMA1006E	280	100	75	4800	23,0	53,0

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-4000 HYDRAULIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA4003	110	70	50	2475	3	25
FMA4004	200	90	74	4950	6,5	49
FMA4006	270	160	120	7425	14	110
FMA4008	410	250	190	9900	23	178
FMA4010	580	320	270	12375	28	238

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-4000E ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA4003E	110	70	50	2475	3	25
FMA4004E	200	90	70	4950	6,5	49
FMA4006E	270	160	120	7425	14	110
FMA4008E	410	250	190	9900	23	178
FMA4010E	580	320	270	12375	28	238

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316



SELF-CLEANING FILTERS

FMA-2000 ELECTRIC



System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA2003E	120	60	48	8685	5	35
FMA2004E	235	110	90	10700	10	70
FMA2006E	500	215	173	12910	15	105
FMA2008E	700	320	256	14485	20	140
FMA2010E	1150	580	464	15610	25	175
FMA2012E	1400	700	560	20500	20	140
FMA2014E	1800	900	720	22290	25	175

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves | Body also available in Stainless steel AISI304 & AISI316

FMA-5000V

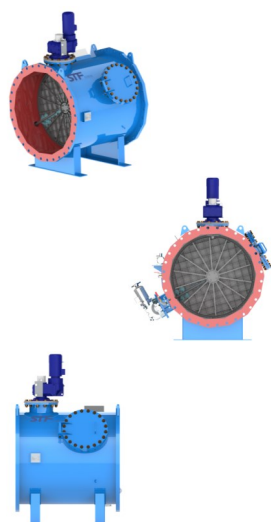


System Unit	Max Flow	High Quality	Medium Quality	Surface	Backwash Flow	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	m ³ /h	lit
FMA5003V	1000	650	500	28156	428	159.885
FMA5006V	2000	1300	1000	56313	856	214.498
FMA5009V	3000	1950	1500	84469	1284	249.819
FMA5012V	4000	2600	2000	112626	1712	312.274
FMA5015V	5000	3250	2500	140782	2140	390.342

Carbon steel Housing | AISI316 cartridge | Operating Voltage 380/400V AC 50/60 Hz 3phase | Controller 24V DC | Min/Max pressure:2bar/10bar | Screen degrees: 74, 100, 125, 200 micron

FMA-6000 ELECTRIC

Available sizes up to dn 3000 (120")



System Unit	Inlet / Outlet		Flow Rate		Area	
	Electric	Inlet	Outlet	m ³ /s	m ³ /s	Installed
code	DN	inches	screen 1,5x1,5	screen 2x2	cm ²	Kw
FMA6020	500	20"	0,19	0,36	1500	1,48
FMA6024	600	24"	0,30	0,56	2340	1,68
FMA6028	700	28"	0,19	0,36	3140	1,75
FMA6032	800	32"	0,30	0,56	4040	1,83
FMA6036	900	36"	0,19	0,36	4980	2,10
FMA6040	1000	40"	0,30	0,56	6810	2,57
FMA6044	1100	44"	0,19	0,36	7950	2,80
FMA6048	1200	48"	0,30	0,56	9530	3,35
FMA6052	1300	52"	0,19	0,36	11200	3,50
FMA6056	1400	56"	0,30	0,56	13500	3,70
FMA6060	1500	60"	0,19	0,36	15450	4,10
FMA6064	1600	64"	0,19	0,36	1500	1,48
FMA6068	1700	68"	0,30	0,56	2340	1,68
FMA6072	1800	72"	0,19	0,36	3140	1,75
FMA6076	1900	76"	0,30	0,56	4040	1,83

Max working pressure 4bar | Carbon Steel Housing | AISI316 Stainless Steel Cartridge | Operating Voltage 380V



SELF-CLEANING FILTERS

FMA-7000 ELECTRIC



System Unit	Flow Rate		Surface	Backwash
	50µm	20µm	Area	Consumption
	Size	m ³ /h	m ³ /h	cm ²
FMA7000UV	25	15	2900	65
FMA7000UVL	25	25	5380	70

AISI304 Housing | AISI304 Cartridge | Operating Voltage 400V AC 50Hz 3phase+N | Control Voltage 24V DC

FMA-9000 ELECTRIC



System Unit	Flow Rate	High Quality Flow	Medium Flow	Surface	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	lit
FMA9006	500	215	173	7990	105
FMA9008	700	320	256	10600	140
FMA9010	1150	580	464	13210	175
FMA9012	1400	700	560	16500	140
FMA9014	1800	900	720	21300	175

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves

FMA-10000 ELECTRIC



System Unit	Flow Rate	High Quality Flow	Medium Flow	Surface	Backwash Consumption
code	m ³ /h	m ³ /h	m ³ /h	cm ²	lit
FMA10210	2300	1160	928	26420	350
FMA10212	3450	1740	1392	39630	350
FMA10214	4600	2320	1856	52840	350
FMA10310	2800	1400	1120	33000	525
FMA10312	4200	2100	1680	49500	525
FMA10314	5600	2800	2240	66000	525
FMA10410	3600	1800	1440	42600	700
FMA10412	5400	2700	2160	63900	700
FMA10414	7200	3000	2880	85200	700

Carbon Steel Body | AISI304 Suction scanner | AISI316 Screen | PVC with AISI316 ring and nylon brushes | PP Backwash valves





intra

SELF-CLEANING FILTERS

FS SELF-CLEANING STRAINER HYDRAULIC



System Unit	Inlet/Outlet	Max Flow	Surface	Weight
code	DN	m ³ /h	cm ²	kg
FS04	100 (4")	100	5090	25
FS06	150 (6")	230	6420	35
FS08	200 (8")	380	8355	45
FS10	250 (10")	550	11085	60
FS12	300 (12")	750	15455	70
FS14	350 (14")	1000	21270	120
FS16	400 (16")	1200	21270	160

