

FMA SELF-CLEANING ELECTRIC SCREEN

**FILTER** 

The SKAN FMA-1000 automatic screen filters provide efficient, reliable filtration for a variety of industries and settings, helping you maintain clean water systems and protect valuable equipment, even in challenging environments. With a focus on low energy consumption and adaptable performance, these filters deliver the perfect solution for a wide range of applications.



**FMA-1000 SERIES - 1002** 

- Ideal for remote or off-grid areas with no power supply due to its hydraulic operation system.
- Operates effectively at very low flow rates, minimizing water use for increased sustainability.
- Perfect for industries like drinking water facilities, desalination plants, food production, co-generation plants, and chemical industries.
- Also suited for cooling towers, field irrigation, and golf courses, providing a flexible filtration solution for various needs.



PRODUCT CODE	
1002	
CONNECTIONS	
nlet/Outlet (BPSM)	DN-50 (2")
OPERATING PRESSUI	RES (BAR / PSI)
lin./Max. working ressure	2,5 - 10 / 36 - 145 (Any others, ask SF )
EMPERATURE (°C/°	F)
Max. fluid temperature	49 / 122 (Any others, ask SF)
WEIGHT (KG / LBS)	
Inladen weight	34 / 75
FILTRATION	
iltering surface (cm²/ft²)	1600 / 1,72
iltration degrees (µm)	1000, 500, 300, 200, 125, 100, 74
BACKWASHING	
Backwashing valve	G-1 1/2" / NPT 1 1/2"
lo. Valves	
Backwash cycle time (s)	16
Backwashing flow rate m³/h / gpm) (*)	5 / 22
Backwashing water consumption (I / gal)	22 / 6
FLOW (M <sup>3</sup> /H / GPM)	
lax. Flow	90 / 396
ligh quality	50 / 220
Лedium quality	30 / 132

ELECTRICAL	
Rated operation voltage	4 batteries 1.5 V LR 14-C / 220 V AC 50 Hz / 110 V AC 60 Hz
Control voltage	6 V DC / (24 DC if option 220 V AC)
Electric Motor Power (kW/HP)	No Data
Electric motor consumption (A)	No Data
Power Supply (kW)	No Data
DIMENSIONS (M	M / INCHES)
A 260 / 10,24 E	950 / 37,40 J
B 300 / 11,81 F	L
C 860 / 33,86 G	ì
D 435 / 17,13 H	
MATERIALS	
Filter housing and lic	ds S-235-JR
Coating	Cover with powder paint
2 3 4 11 19	Kiln Polymerized epoxy- polyester powder R
Suction scanner	
	polyester powder R
Suction scanner	polyester powder R PVC
Suction scanner Filtration screen	polyester powder R PVC
Suction scanner Filtration screen Brush	polyester powder R  PVC  AISI-316L  -  PVC
Suction scanner Filtration screen Brush Suction nozzles	polyester powder R  PVC  AISI-316L  -  PVC
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves	polyester powder R  PVC  AISI-316L  -  PVC  PPC
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts	polyester powder R  PVC  AISI-316L  -  PVC  PPC  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals	polyester powder R  PVC  AISI-316L  -  PVC  PPC  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA	polyester powder R  PVC  AISI-316L  -  PVC  PPC  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA Ultraviolet lamp	polyester powder R  PVC  AISI-316L  -  PVC  PPC  5.6 Bichromated

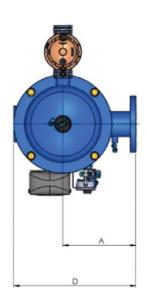
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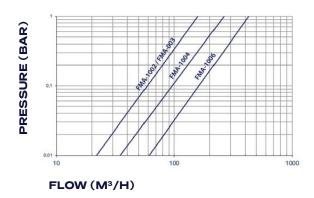
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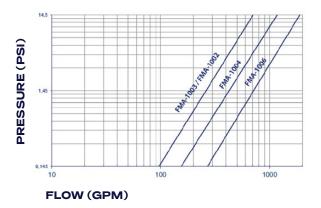


Low quality











FMA SELF-CLEANING ELECTRIC SCREEN

**FILTER** 

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**FMA-1000 SERIES - 1003** 

- Ideal for remote or off-grid areas with no power supply due to its hydraulic operation system.
- Operates effectively at very low flow rates, minimizing water use for increased sustainability.
- Perfect for industries like drinking water facilities, desalination plants, food production, co-generation plants, and chemical industries.
- Also suited for cooling towers, field irrigation, and golf courses, providing a flexible filtration solution for various needs.



PRODUCT CODE		E
1003		R
CONNECTIONS		V
Inlet/Outlet (BPSM)	DN-80 (3")	С
OPERATING PRESSU	RES (BAR / PSI)	_
Min./Max. working pressure	2,5 - 10 / 36 - 145 (Any others, ask SF )	E P
TEMPERATURE (°C/°	F)	E
Max. fluid temperature	50 / 122 (Any others, ask SF)	P
WEIGHT (KG / LBS)		
Unladen weight	36 / 79	
FILTRATION		_
Filtering surface (cm²/ft²)	1600 / 1,72	
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 74	F
BACKWASHING		_
Backwashing valve	G-1 1/2" / NPT 1 1/2"	C
No. Valves		
Backwash cycle time (s)	16	F
Backwashing flow rate (m³/h / gpm) (*)	5 / 22	E
Backwashing water consumption (I / gal)	22 / 6	
FLOW (M <sup>3</sup> /H / GPM)		 E
		S
Max. Flow	90 / 396	u
High quality	50 / 220	 
<u> </u>		
		- 1

ELECTRICAL		
Rated operation voltage	2	batteries 1.5 V LR 14-C / 20 V AC 50 Hz / 110 V AC 0 Hz
Control voltage		V DC / (24 DC if option 20 V AC)
Electric Motor Power (kW/HP)	Ν	o Data
Electric motor consumption (A)	Ν	o Data
Power Supply (kW	) N	o Data
DIMENSIONS (M	MM	/ INCHES)
A 260 / 10,24	E 9	50 / 37,40 J
B 300 / 11,81	F	L
C 860 / 33,86	G	
D 435 / 17,13	Н	
MATERIALS		
Filter housing and	lids	S-235-JR
Filter housing and Coating	lids	S-235-JR  Cover with powder paint Kiln Polymerized epoxypolyester powder R
	lids	Cover with powder paint Kiln Polymerized epoxy-
Coating	lids	Cover with powder paint Kiln Polymerized epoxy- polyester powder R
Coating Suction scanner	lids	Cover with powder paint Kiln Polymerized epoxy- polyester powder R PVC
Coating  Suction scanner  Filtration screen	lids	Cover with powder paint Kiln Polymerized epoxy- polyester powder R PVC
Coating Suction scanner Filtration screen Brush		Cover with powder paint Kiln Polymerized epoxy- polyester powder R PVC AISI-316L
Coating  Suction scanner  Filtration screen  Brush  Suction nozzles		Cover with powder paint Kiln Polymerized epoxy- polyester powder R PVC AISI-316L - PVC
Coating  Suction scanner  Filtration screen  Brush  Suction nozzles  Backwashing valve		Cover with powder paint Kiln Polymerized epoxypolyester powder R  PVC  AISI-316L  -  PVC  PP
Coating  Suction scanner  Filtration screen  Brush  Suction nozzles  Backwashing valve  Bolts & nuts		Cover with powder paint Kiln Polymerized epoxypolyester powder R  PVC  AISI-316L  -  PVC  PP  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valve Bolts & nuts Seals		Cover with powder paint Kiln Polymerized epoxypolyester powder R  PVC  AISI-316L  -  PVC  PP  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valve Bolts & nuts Seals UV DATA		Cover with powder paint Kiln Polymerized epoxypolyester powder R  PVC  AISI-316L  -  PVC  PP  5.6 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valve Bolts & nuts Seals UV DATA Ultraviolet lamp		Cover with powder paint Kiln Polymerized epoxypolyester powder R  PVC  AISI-316L  -  PVC  PP  5.6 Bichromated

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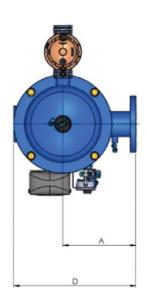
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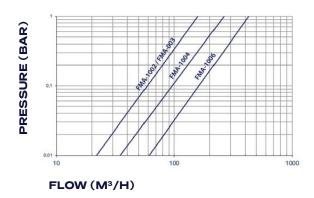


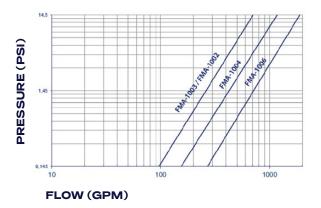
Medium quality

Low quality











FMA SELF-CLEANING ELECTRIC SCREEN FILTER

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solution for a wide range of applications.



**FMA-1000 SERIES - 1004** 

- Ideal for remote or off-grid areas with no power supply due to its hydraulic operation system.
- Operates effectively at very low flow rates, minimizing water use for increased sustainability.
- Perfect for industries like drinking water facilities, desalination plants, food production, co-generation plants, and chemical industries.
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		ELECT
PRODUCT CODE  1004		Rated or
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-100 (4")	Control
OPERATING PRESSU	RES (BAR / PSI)	
Min./Max. working pressure	2,5 - 10 / 36 - 145 (Any others, ask SF)	Electric Power (I
TEMPERATURE (°C/°		Electric consum
Max. fluid temperature	51 / 122 (Any others,	Power S
	ask SF)	DIMEN
WEIGHT (KG / LBS)		A 290
Unladen weight	68 / 150	В 350
FILTRATION		C 871 /
Filtering surface (cm²/ft²)	2475 / 2,66	D 600
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 74	MATER Filter ho
BACKWASHING		
Backwashing valve	G-1" / NPT 1"	Coating
No. Valves		Suction
Backwash cycle time (s)	20	Filtration
Backwashing flow rate (m³/h / gpm) (*)	5 / 22	Brush
		Suction
Backwashing water consumption (I / gal)	28 / 7	Backwa
FLOW (M <sup>3</sup> /H / GPM)		Bolts & I
		Seals
Max. Flow	150 / 660	UV DA

ELECTRICAL	
Rated operation voltage	4 batteries 1.5 V LR 14-C / 220 V AC 50 Hz / 110 V AC 60 Hz
Control voltage	6 V DC / (24 DC if option 220 V AC)
Electric Motor Power (kW/HP)	No Data
Electric motor consumption (A)	No Data
Power Supply (kW)	No Data
DIMENSIONS (M	M / INCHES)
A 290 / 11,42 E	900 / 35,43 J
B 350 / 13,77 F	L
C 871 / 34,29 G	ì
D 600 / 23,62 H	1
MATERIALS	
Filter housing and lice	ds S-235-JR
Coating	Cover with powder paint Kiln Polymerized epoxy- polyester powder R
Suction scanner	PVC
Filtration screen	AISI-316L
Brush	
Suction nozzles	PVC
Backwashing valves	B PP
Bolts & nuts	5.6 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	
No. lamps	
UV-C lamp power	

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70 / 308

50 / 220

25 / 110

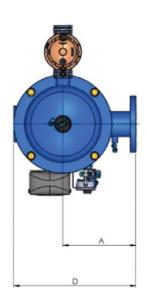


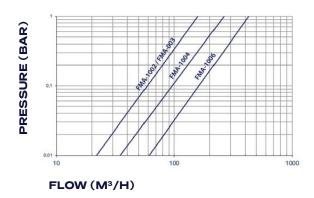
High quality

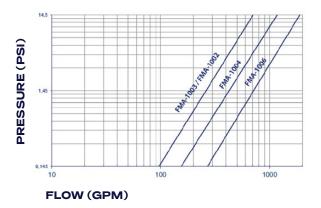
Low quality

Medium quality











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**FMA-1000 SERIES - 1006** 

- Ideal for remote or off-grid areas with no power supply due to its hydraulic operation system.
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- Also suited for cooling towers, field irrigation, and golf courses, providing a flexible filtration solution for various needs.



PRODUCT CODE		ELECTRICAL
1006		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-150 (6")	Control voltage
OPERATING PRESSUE Min./Max. working	2,5 - 10 / 36 - 145	Electric Motor Power (kW/HP)
ressure  TEMPERATURE (°C/°	(Any others, ask SF)	Electric motor consumption (A)
Max. fluid temperature	52 / 122 (Any others, ask SF)	Power Supply (kW
WEIGHT (KG / LBS)	,	DIMENSIONS (N
Unladen weight	84 / 185	A 290 / 11,42 B 500 / 19,69
FILTRATION		B 500 / 19,69 C 1146 / 45,12
Filtering surface (cm²/ft²)	4950 / 5,33	D 600 / 23,62
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 74	MATERIALS  Filter housing and
BACKWASHING		
Backwashing valve	G-2" / NPT 2"	Coating
No. Valves		Suction scanner
Backwash cycle time (s)	20	Filtration screen
Backwashing flow rate (m³/h / gpm) (*)	10 / 44	Brush
Backwashing water consumption (I / gal)	55 / 15	Suction nozzles  Backwashing valve
FLOW (M <sup>3</sup> /H / GPM)		Bolts & nuts
		Seals
Max. Flow	280 / 1233	UV DATA
High quality	90 / 396	Ultraviolet lamp
	· 	No. lamps

ELECTRICAL	
voltage	4 batteries 1.5 V LR 14-C / 220 V AC 50 Hz / 110 V AC 60 Hz
	6 V DC / (24 DC if option 220 V AC)
Electric Motor Power (kW/HP)	No Data
Electric motor consumption (A)	No Data
Power Supply (kW)	No Data
DIMENSIONS (MI	/ / INCHES)
A 290 / 11,42 E	1350 / 53,15 J
B 500 / 19,69 F	L
C 1146 / 45,12 G	
D 600 / 23,62 H	
MATERIALS	
Filter housing and lide	s S-235-JR
Coating	Cover with powder paint Kiln Polymerized epoxy- polyester powder R
Suction scanner	PVC
Filtration screen	AISI-316L
Brush	-
Suction nozzles	PVC
Backwashing valves	PP
Bolts & nuts	5.6 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	
No. lamps	
UV-C lamp power	

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70 / 308

50 / 220



Medium quality

Low quality



