

# FMA SELF-CLEANING ELECTRIC SCREEN FILTER

The SKAN FMA-4000E+ACB dual staged automatic screen filters are designed to provide optimal filtration for electrical installations, efficiently handling large particles with minimal maintenance. With an advanced cartridge that maximizes the filter area, these filters deliver high flow rates and superior performance. The electric drive, low water consumption, and automatic cleaning system make them the perfect solution for demanding filtration applications.

FMA-4000E + ACB SERIES -4003E+ABC

- Engineered to handle large particles with ease, reducing the risk of clogging and maintenance needs.
- The innovative cartridge design optimizes the filter area, enabling higher flow rates for greater filtration capacity.
- The automatic cleaning system ensures the filter mesh stays clear, minimizing manual intervention and maintenance.
- Consumes minimal water during cleaning, reducing operational costs and promoting sustainability.
- The electric drive system guarantees efficient, consistent filtration performance in installations with available power.
- Ideal for industries requiring filtration with large particles and minimal upkeep, such as food production and water treatment.



PRODUCT CODE		ELECTRICA
4003E+ABC		Rated operati
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-80 (3")	Control voltaç
OPERATING PRESSU	IRES (BAR / PSI)	Electric Moto
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF )	Power (kW/H
TEMPERATURE (°C/	°F)	Electric motol consumption
Max. fluid temperature	50 / 122 (Any others, ask SF)	Power Supply
WEIGHT (KG / LBS)	der er y	DIMENSION
Unladen weight	105 / 231	A 242 / 9,53
FILTRATION	100 / 201	B 360 / 14,1
	2475 / 266	C 215 / 8,46
Filtering surface (cm²/ft²)	2475 / 2,66	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 74	MATERIAL Filter housing
BACKWASHING		
Backwashing valve	G-2" Thread	Coating
No. Valves		Suction scan
Backwash cycle time (s)	20	Filtration scre
Backwashing flow rate (m³/h / gpm) (*)	3 / 13	Brush
		Suction nozzl
Backwashing water consumption (I / gal)	25 / 7	Backwashing
FLOW (M <sup>3</sup> /H / GPM)		Bolts & nuts
		Seals
Max. Flow	110 / 484	UV DATA
		1.00

ELECTRICAL		
Rated operation voltage	220 V AC 50 Hz mono- phase	
Control voltage	24 V DC	
Electric Motor Power (kW/HP)	0,18 / 0,24	
Electric motor consumption (A)	0,72	
Power Supply (kW)	-	
DIMENSIONS (M	MM / INCHES)	
A 242 / 9,53	E 817 / 32,17 J 340 / 13,39	
B 360 / 14,17	F 00 / 35,43 L -	
C 215 / 8,46	G 1447 / 56,97	
D - I	H 357 / 14,06	
MATERIALS		
Filter housing and I	ids S-235-JR	
Coating	Kiln Polymerized epoxy- polyester powder	
Suction scanner	AISI-304	
Filtration screen	AISI-316L	
Brush		
Suction nozzles	PVC	
Backwashing valve	s PP	
Bolts & nuts	5.6 Bichromated	
Seals	NBR - EPDM - Viton	
UV DATA		
Ultraviolet lamp	-	
No. lamps	-	
UV-C lamp power	-	
UV (with 55% transmittance) -		

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70 / 308

50 / 220

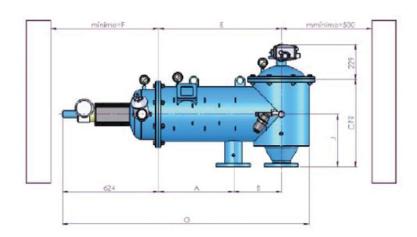
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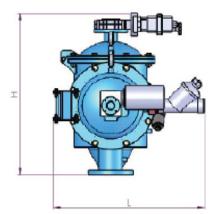


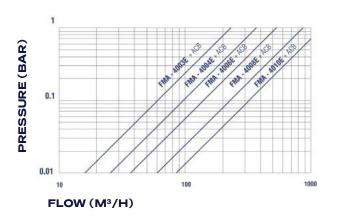
High quality

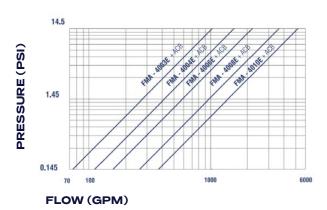
Low quality

Medium quality











# FMA SELF-CLEANING ELECTRIC SCREEN FILTER

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FMA-4000E + ACB SERIES -4004E+ABC

- Engineered to handle large particles with ease, reducing the risk of clogging and maintenance needs.
- The innovative cartridge design optimizes the filter area, enabling higher flow rates for greater filtration capacity.
- The automatic cleaning system ensures the filter mesh stays clear, minimizing manual intervention and maintenance.
- Consumes minimal water during cleaning, reducing operational costs and promoting sustainability.
- The electric drive system guarantees efficient, consistent filtration performance in installations with available power.
- Ideal for industries requiring filtration with large particles and minimal upkeep, such as food production and water treatment.



PRODUCT CODE		ELECTRICAL
4004E+ABC		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-100 (4")	Control voltage
OPERATING PRESSUI	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Power (kW/HP)
TEMPERATURE (°C/°		Electric motor consumption (A
Max. fluid temperature	50 / 122 (Any others, ask SF)	Power Supply (I
WEIGHT (KG / LBS)	usik di )	DIMENSIONS
Unladen weight	120 / 265	A 107 / 4,21
	120 / 203	B 770 / 30,32
FILTRATION		C 215 / 8,46
Filtering surface (cm²/ft²)	4950 / 5,32	D -
Filtration degrees (µm)	1000, 500, 300, 200,	MATERIALS
	125, 74	Filter housing a
BACKWASHING		O 11
Backwashing valve	G-2" Thread	Coating
No. Valves		Suction scanne
Backwash cycle time (s)	20	Filtration screer
Backwashing flow rate	6,5 / 29	Brush
(m³/h / gpm) (*)		Suction nozzles
Backwashing water consumption (I / gal)	49 / 13	Backwashing va
FLOW (M <sup>3</sup> /H / GPM)		Bolts & nuts
		Seals
Max. Flow	200 / 881	UV DATA
High quality	90 / 396	Ultraviolet lamp
riigir quality	au / aau	Na Jamana

ELECTRICAL	
	220 V AC 50 Hz mono- phase
Control voltage 2	24 V DC
Electric Motor Power (kW/HP)	0,18 / 0,24
Electric motor consumption (A)	),72
Power Supply (kW)	-
DIMENSIONS (MM	/ / INCHES)
A 107 / 4,21 E	1092 / 42,99 J 340 / 13,39
B 770 / 30,32 F	900 / 35,43 L -
C 215 / 8,46 G	1722 / 67,80
D - H	357 / 14,06
MATERIALS	
Filter housing and lids	S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
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	
UV (with 55% transmi	ittance) -

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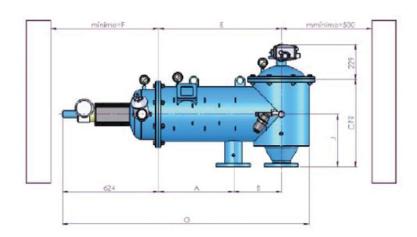
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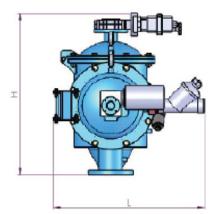
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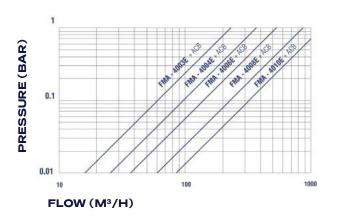


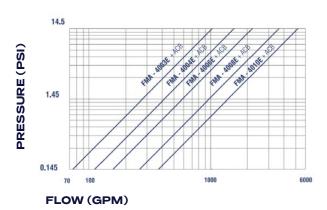
Medium quality

Low quality











# FMA SELF-CLEANING ELECTRIC SCREEN FILTER

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FMA-4000E + ACB SERIES -4006E+ABC

- Engineered to handle large particles with ease, reducing the risk of clogging and maintenance needs.
- The innovative cartridge design optimizes the filter area, enabling higher flow rates for greater filtration capacity.
- The automatic cleaning system ensures the filter mesh stays clear, minimizing manual intervention and maintenance.
- Consumes minimal water during cleaning, reducing operational costs and promoting sustainability.
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- Ideal for industries requiring filtration with large particles and minimal upkeep, such as food production and water treatment.



Max. Flow	270 / 1189	UV DATA	
		Seals	
FLOW (M <sup>3</sup> /H / GPM)		Bolts & nuts	
Backwashing water consumption (I / gal)	110 / 29	Backwashir	
Backwashing flow rate (m³/h / gpm) (*)	14 / 62	Brush Suction noz	
Backwash cycle time (s)	20	Filtration sc	
No. Valves		Suction sca	
Backwashing valve	G-2" Thread	Coating	
BACKWASHING		Coating	
Filtration degrees (µm)	1000, 500, 300, 200, 125, 74	Filter housing	
Filtering surface (cm²/ft²)	7425 / 7,99	D -	
FILTRATION		C 215 / 8,	
Unladen weight	135 / 298	B 900 / 3	
WEIGHT (KG / LBS)		A 252 / 9,	
Max. fluid temperature	ask SF)	DIMENSIO	
	50 / 122 (Any others,	Power Supp	
pressure  TEMPERATURE (°C/°	,	Electric mo	
Min./Max. working	2 - 10 / 29 - 145 (Any others, ask SF)	Electric Mo Power (kW/	
OPERATING PRESSU	RES (BAR / PSI)		
Inlet/Outlet (BPSM)	DN-150 (6")	Control volt	
CONNECTIONS		voltage	
4006E+ABC		Rated opera	
PRODUCT CODE		ELECTRIC	

ELECTRICAL		
Rated operation voltage	220 V AC 50 Hz mono- phase	
Control voltage	24 V DC	
Electric Motor Power (kW/HP)	0,18 / 0,24	
Electric motor consumption (A)	0,72	
Power Supply (kW)	) -	
DIMENSIONS (N	/M / INCHES)	
A 252 / 9,92	E 1367 / 53,82 J 340 / 13,39	
B 900 / 35,43	F 970 / 38,20 L -	
C 215 / 8,46	G 1997 / 78,62	
D -	H 357 / 14,06	
MATERIALS		
Filter housing and I	ids S-235-JR	
Coating	Kiln Polymerized epoxy- polyester powder	
Suction scanner	AISI-304	
Filtration screen	AISI-316L	
Brush	-	
Suction nozzles	PVC	
Backwashing valve	es PP	
Bolts & nuts	5.6 Bichromated	
Seals	NBR - EPDM - Viton	
UV DATA		
Ultraviolet lamp	-	
No. lamps	-	
UV-C lamp power	-	
UV (with 55% transmittance) -		

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160 / 705

120 / 528

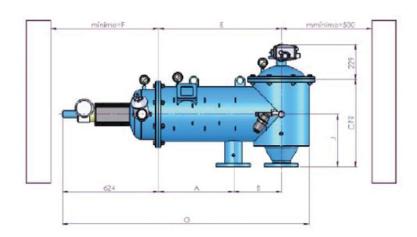
90 / 396

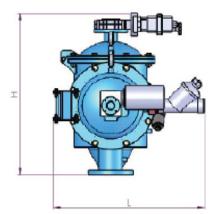


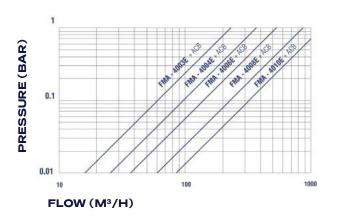
High quality

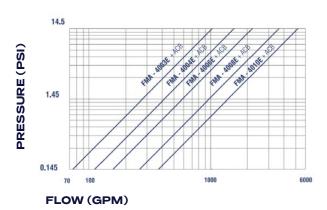
Low quality

Medium quality











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FMA-4000E + ACB SERIES -4008E+ABC

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- Consumes minimal water during cleaning, reducing operational costs and promoting sustainability.
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PRODUCT CODE	
4008E+ABC	
CONNECTIONS	
Inlet/Outlet (BPSM)	DN-200 (8")
OPERATING PRESSU	RES (BAR / PSI)
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF )
TEMPERATURE (°C/°	F)
Max. fluid temperature	50 / 122 (Any others, ask SF)
WEIGHT (KG / LBS)	
Unladen weight	150 / 331
FILTRATION	
Filtering surface (cm²/ft²)	9900 / 10,65
Filtration degrees (µm)	1000, 500, 300, 200, 125, 74
BACKWASHING	
Backwashing valve	G-2" Thread

BACKWASHING	
Backwashing valve	G-2" Thread
No. Valves	
Backwash cycle time (s)	20
Backwashing flow rate (m³/h / gpm) (*)	23 / 101
Backwashing water consumption (I / gal)	178 / 47

FLOW (M <sup>3</sup> /H / GPM)	
Max. Flow	410 / 1805
High quality	250 / 1101
Medium quality	190 / 837
Low quality	140 / 616

ELECTRICAL	
Rated operation voltage	220 V AC 50 Hz mono- phase
Control voltage	24 V DC
Electric Motor Power (kW/HP)	0,18 / 0,24
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (M	IM / INCHES)
A 327 / 12,88 E	E 1642 / 64,65 J 340 / 13,39
B 1100 / 43,31 F	- 1240 / 48,82 L -
C 215 / 8,46	G 2272 / 89,45
D - H	1 357 / 14,06
MATERIALS	
Filter housing and lie	ds S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316L
Brush	-
Suction nozzles	PVC
Backwashing valves	s PP
Bolts & nuts	5.6 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	

Ultraviolet lamp

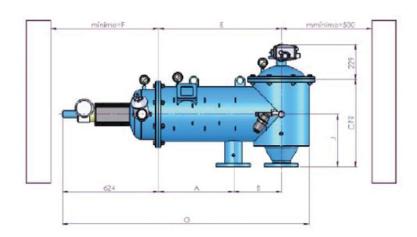
UV-C lamp power

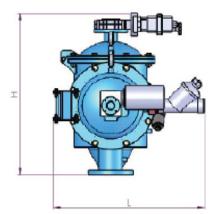
UV (with 55% transmittance) -

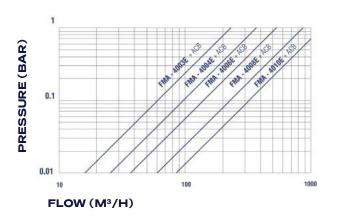
No. lamps

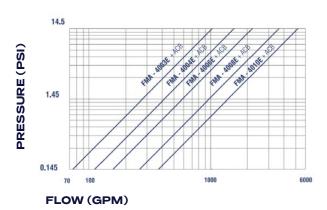
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FMA-4000E + ACB SERIES -4010E+ABC

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PRODUCT CODE		ELECTRICAL
4010E+ABC		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-250 (10")	Control voltage
OPERATING PRESSUI	RES (BAR / PSI)	Electric Marten
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Electric Motor Power (kW/HP)
TEMPERATURE (°C/°		Electric motor consumption (A
Max. fluid temperature	50 / 122 (Any others,	Power Supply (
·	ask SF)	DIMENSIONS
WEIGHT (KG / LBS)		A 332 / 13,07
Unladen weight	170 / 375	B 1370 / 53,94
FILTRATION		C 215 / 8,46
Filtering surface (cm²/ft²)	12375 / 13,32	D -
Filtration degrees (µm)	1000, 500, 300, 200,	MATERIALS
- Intration degrees (μm)	125, 74	Filter housing a
BACKWASHING		
Backwashing valve	G-2" Thread	Coating
No. Valves		Suction scanne
Backwash cycle time (s)	20	Filtration screer
Backwashing flow rate (m³/h / gpm) (*)	28 / 123	Brush
Backwashing water		Suction nozzles
consumption (I / gal)	238 / 63	Backwashing va
FLOW (M <sup>3</sup> /H / GPM)		Bolts & nuts
		Seals
Max. Flow	580 / 2554	UV DATA

ELECTRICAL		
Rated operation voltage	220 V AC 50 Hz mono- phase	
Control voltage	24 V DC	
Electric Motor Power (kW/HP)	0,18 / 0,24	
Electric motor consumption (A)	0,72	
Power Supply (kW)	-	
DIMENSIONS (M	M / INCHES)	
A 332 / 13,07 E	E 1917 / 75,47 J 340 / 13,39	
B 1370 / 53,94 F	1520 / 59,84 L -	
C 215 / 8,46	G 2547/ 100,28	
D - H	1 357 / 14,06	
MATERIALS		
Filter housing and lids S-235-JR		
Coating	Kiln Polymerized epoxy- polyester powder	
Suction scanner	AISI-304	
Filtration screen	AISI-316L	
Brush	-	
Suction nozzles	PVC	
Backwashing valves	s PP	
Bolts & nuts	5.6 Bichromated	
Seals	NBR - EPDM - Viton	
UV DATA		
Ultraviolet lamp	-	
No. lamps	-	
UV-C lamp power	-	
UV (with 55% transmittance) -		

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320 / 1409

270 / 1189

190 / 837



High quality

Low quality

Medium quality

