

FMA SELF-CLEANING ELECTRIC SCREEN FILTER

The SKAN FMA-11000 automatic mesh filters are specifically designed to meet the filtration needs of industries requiring high filtration degrees. Featuring a vertically arranged model and a scraper-based cleaning system, these filters are perfect for removing large solids, making them an ideal solution for irrigation, municipal, and industrial applications



FMA-11000 SERIES - 11006

- The advanced scraper-based cleaning system efficiently removes large solids, ensuring continuous filtration and reducing maintenance needs.
- Specially designed for applications requiring high filtration precision, delivering clean and reliable results.
- The vertical arrangement maximizes the filtration surface while conserving installation space.
- Provides an excellent roughing filtration solution, particularly for

- irrigation systems and municipal water treatment.
- Suitable for drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, cooling towers, field irrigation, and golf courses.
- Built to handle demanding environments, ensuring consistent filtration in both industrial and agricultural applications.



PRODUCT CODE		ELECTRICAL
11006		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-150 (6'')	Control voltage
OPERATING PRESSU	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask S)	Power (kW/HP)
TEMPERATURE (°C/		Electric motor consumption (A)
Max. fluid temperature	50 / 122 (Any others,	Power Supply (k)
·	ask SF)	DIMENSIONS
WEIGHT (KG / LBS)		A 1194 / 47,01
Unladen weight	310 / 141	B 350 / 13,78
FILTRATION		C 600 / 23,62
Filtering surface (cm²/ft²)	7990 / 8,60	D 150 / 5,91
Filtration degrees (µm)	4000, 3000, 2000, 1500, 1000	MATERIALS
	1000, 1000	Filter housing and
BACKWASHING		Coating
Backwashing valve	G-2" Thread	o o a tinig
No. Valves		Suction scanner
Backwash cycle time (s)	10 - 20	Filtration screen
Backwashing flow rate (m³/h / gpm) (*)	50 / 220	Brush
		Suction nozzles
Backwashing water consumption (I / gal)	280 / 74	Backwashing val
FLOW (M ³ /H / GPM)		Bolts & nuts
		Seals
Max. Flow	500 / 2201	UV DATA
High quality:	275 / 1651	Ultraviolet lamp
High quality	375 / 1651	N

ELECTRICAL	
Rated operation voltage	380 V
Control voltage	24 V DC (12 V DC supply
Electric Motor Power (kW/HP)	0,75 / 1,01
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (MI	// / INCHES)
A 1194 / 47,01 E	410 / 16,14 J -
B 350 / 13,78 F	457 / 17,99 L -
C 600 / 23,62 G	2036 / 80,16
D 150 / 5,91 H	-
MATERIALS	
Filter housing and lids	s S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	PE + PA
Suction nozzles	
Backwashing valves	Epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
Ultraviolet lamp No. lamps	-
	- - -

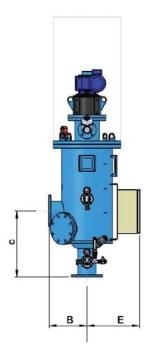
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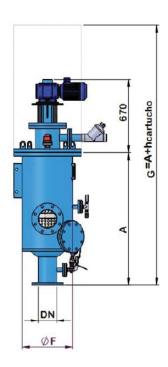
320 / 1409

220 / 969



Medium quality









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FMA-11000 SERIES - 11008

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PRODUCT CODE		ELECTRICA
11008		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-200 (8'')	Control voltag
OPERATING PRESSU	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask S)	Power (kW/H
TEMPERATURE (°C/°		Electric motor consumption
Max. fluid temperature	50 / 122 (Any others, ask SF)	Power Supply
WEIGHT (KG / LBS)	dort or)	DIMENSION
Unladen weight	365 / 166	A 1469 / 57,
FILTRATION		B 350 / 13,7
Filtering surface (cm ² /ft ²)	10600 / 11,41	C 900 / 35,4
Tiltering surface (cm-/it-)	10000 / 11,41	D 200 / 7,87
Filtration degrees (µm)	4000, 3000, 2000, 1500, 1000	MATERIAL: Filter housing
BACKWASHING		
Backwashing valve	G-2" Thread	Coating
No. Valves	-	Suction scanr
Backwash cycle time (s)	10 - 20	Filtration scre
Backwashing flow rate (m³/h / gpm) (*)	50 / 220	Brush
		Suction nozzle
Backwashing water consumption (I / gal)	280 / 74	Backwashing
FLOW (M ³ /H / GPM)		Bolts & nuts
		Seals
Max. Flow	700 / 3082	UV DATA
High quality	650 / 2862	Ultraviolet lam
g quanty	000 / 2002	NI - I

ELECTRICAL	
Rated operation voltage	380 V
Control voltage	24 V DC (12 V DC supply
Electric Motor Power (kW/HP)	0,75 / 1,01
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (M	IM / INCHES)
A 1469 / 57,83 E	E 480 / 18,90 J -
B 350 / 13,78 F	457 / 17,99 L -
C 900 / 35,43 (G 2586 / 101,81
D 200 / 7,87 H	1 -
MATERIALS	
Filter housing and li	ds S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	PE + PA
Suction nozzles	-
Backwashing valves	s Epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
No. lamps	-
UV-C lamp power	-
UV (with 55% trans	mittance) -

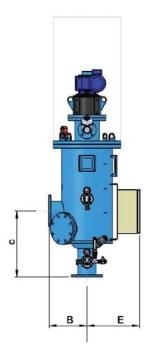
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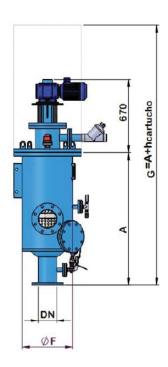
530 / 2334

400 / 1761



Medium quality









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FMA-11000 SERIES - 11010

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PRODUCT CODE		ELECTRICA
11010		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-250 (10")	Control voltag
OPERATING PRESSU	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask S)	Power (kW/HF
TEMPERATURE (°C/°	F)	Electric motor consumption (
Max. fluid temperature	50 / 122 (Any others, ask SF)	Power Supply
WEIGHT (KG / LBS)		DIMENSION
Unladen weight	405 / 184	A 1744 / 68,6
FILTRATION		B 350 / 13,78
Filtering surface (cm²/ft²)	13210 / 14,22	D 250 / 9,84
Filtration degrees (µm)	4000, 3000, 2000, 1500, 1000	MATERIALS Filter housing
BACKWASHING		
Backwashing valve	G-2" Thread	Coating
No. Valves	-	Suction scann
Backwash cycle time (s)	10 - 20	Filtration scree
Backwashing flow rate (m³/h / gpm) (*)	50 / 220	Brush
		Suction nozzle
Backwashing water consumption (I / gal)	390 / 103	Backwashing
FLOW (M ³ /H / GPM)		Bolts & nuts
		Seals
Max. Flow	1150 / 5063	UV DATA
High quality	975 / 4293	Ultraviolet lam
ingii quanty	010 / 1200	No lompo

ELECTRICAL	
Rated operation voltage	380 V
Control voltage	24 V DC (12 V DC supply
Electric Motor Power (kW/HP)	1,5 / 2,01
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (M	M / INCHES)
A 1744 / 68,66 E	E 480 / 18,90 J -
B 350 / 13,78 F	457 / 17,99 L -
C 900 / 35,43	3 3136 / 123,46
D 250 / 9,84 H	1 -
MATERIALS	
Filter housing and lie	ds S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	PE + PA
Suction nozzles	-
Backwashing valves	Epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
No. lamps	-
UV-C lamp power	
UV (with 55% transi	mittance) -

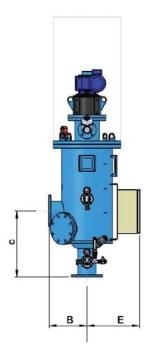
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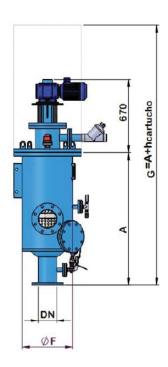
780 / 3434

625 / 2752



Medium quality









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PRODUCT CODE		ELECTRICAL
11012		Rated operatio
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-300 (12")	Control voltage
OPERATING PRESSU	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask S)	Power (kW/HP
TEMPERATURE (°C/°		Electric motor consumption (A
Max. fluid temperature	50 / 122 (Any others,	Power Supply (
·	ask SF)	DIMENSION
WEIGHT (KG / LBS)		A 1499 / 59,0
Unladen weight	550 / 250	B 400 / 15,75
FILTRATION		C 900 / 35,43
Filtering surface (cm²/ft²)	16500 / 17,76	D 300 / 11,81
Filtration degrees (µm)	4000, 3000, 2000, 1500, 1000	MATERIALS
BACKWASHING		Filter housing a
Backwashing valve	G-2" Thread	Coating
No. Valves	-	-
Backwash cycle time (s)	10 - 20	Suction scanne
Backwashing flow rate		Filtration scree Brush
(m³/h / gpm) (*)	70 / 308	Suction nozzles
Backwashing water consumption (I / gal)	390 / 103	Backwashing v
FLOW (M ³ /H / GPM)		Bolts & nuts
		Seals
Max. Flow	1400 / 6164	UV DATA
High quality	1175 / 5173	Ultraviolet lamp
High quality	1170 / 0170	NI - I

ELECTRICAL	
Rated operation voltage	380 V
Control voltage	24 V DC (12 V DC supply
Electric Motor Power (kW/HP)	1,5 / 2,01
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (MI	M / INCHES)
A 1499 / 59,02 E	480 / 18,90 J -
B 400 / 15,75 F	608 / 23,94 L -
C 900 / 35,43 G	2616 / 102,99
D 300 / 11,81 H	-
MATERIALS	
Filter housing and lid	s S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	PE + PA
Suction nozzles	
Backwashing valves	Epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
Ultraviolet lamp No. lamps	-
	- -

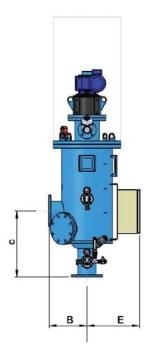
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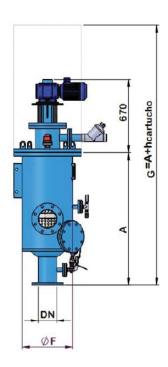
940 / 4139

750 / 3302



Medium quality









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PRODUCT CODE		ELECTRICAL
11014		Rated operation
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-350 (14")	Control voltage
OPERATING PRESSU	RES (BAR / PSI)	Electric Motor
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask S)	Electric Motor Power (kW/HP)
TEMPERATURE (°C/°		Electric motor consumption (A
Max. fluid temperature	50 / 122 (Any others,	Power Supply (I
· ·	ask SF)	DIMENSIONS
WEIGHT (KG / LBS)		A 1774 / 69,84
Unladen weight	610 / 277	B 400 / 15,75
FILTRATION		C 900 / 35,43
Filtering surface (cm²/ft²)	21300 / 22,93	D 350 / 13,78
Filtration degrees (µm)	4000, 3000, 2000,	MATERIALS
Tilliation degrees (pm)	1500, 1000	Filter housing a
BACKWASHING		0 "
Backwashing valve	G-2" Thread	Coating
No. Valves	-	Suction scanne
Backwash cycle time (s)	10 - 20	Filtration screer
Backwashing flow rate (m³/h / gpm) (*)	70 / 308	Brush
		Suction nozzles
Backwashing water consumption (I / gal)	390 / 103	Backwashing va
FLOW (M ³ /H / GPM)		Bolts & nuts
		Seals
Max. Flow	1800 / 7925	UV DATA
Lligh quality	1500 / 6604	Ultraviolet lamp
High quality	1500 / 6604	N

ELECTRICAL	
Rated operation voltage	380 V
Control voltage	24 V DC (12 V DC supply
Electric Motor Power (kW/HP)	1,5 / 2,01
Electric motor consumption (A)	0,72
Power Supply (kW)	-
DIMENSIONS (M	IM / INCHES)
A 1774 / 69,84 E	E 480 / 18,90 J -
B 400 / 15,75 F	= 608 / 23,94 L -
C 900 / 35,43	G 3166 / 124,65
D 350 / 13,78 H	H -
MATERIALS	
Filter housing and li	ds S-235-JR
Coating	Kiln Polymerized epoxy- polyester powder
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	PE + PA
Suction nozzles	-
Backwashing valve	s Epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
No. lamps	-
UV-C lamp power	-
UV (with 55% trans	mittance) -

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1200 / 5283

960 / 4227



Low quality

Medium quality

