

FMA SELF-CLEANING ELECTRIC SCREEN

FILTER

The SKAN FMA-10000 automatic mesh filters are engineered for high-performance filtration across a wide range of industries. Designed to handle large flow rates, these filters feature an innovative vertical arrangement with multiple cartridges, providing powerful filtration in compact spaces. Ideal for municipal, industrial, and irrigation applications, they offer reliable filtration solutions for various sectors.



FMA-10000 SERIES - 10210

- Designed to efficiently handle large flow volumes, making it ideal for highdemand municipal, industrial, and irrigation systems.
- The internal vertical arrangement with multiple cartridges maximizes filtration capacity while minimizing the space required for installation.
- Equipped with an electrical actuation system for consistent and effective filtration in applications where energy is available.
- Suitable for use in drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, and cooling towers.
- Acts as a physical barrier against zebra mussels, ensuring the longevity and performance of critical water systems.
- Provides efficient filtration for field irrigation and golf courses, safeguarding water quality and equipment.



PRODUCT CODE 10210	
CONNECTIONS	
Inlet/Outlet (BPSM)	DN-450 (18")
OPERATING PRESSUI	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)	
Jnladen weight	2700 / 5953
FILTRATION	
Filtering surface (cm²/ft²)	26420 / 28,44
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10
BACKWASHING	
Backwashing valve	Flange-DN-50 (2")
No. Valves	2
Backwash cycle time (s)	25
Backwashing flow rate m ³ /h / gpm) (*)	50 / 220
Backwashing water consumption (I / gal)	350 / 92
FLOW (M ³ /H / GPM)	
Лах. Flow	2300 / 10127
High quality	1160 / 5107

ELECTRICAL	
Rated operation	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)
Control voltage	24 V DC
Electric Motor Power (kW/HP)	0,74 / 0,99
Electric motor consumption (A)	2,8
Power Supply (kW)	-
DIMENSIONS (MI	/ / INCHES)
A 1800 / 70,87 E	- J -
B 1890 / 74,41 F	- L -
C 3750 / 147,64 G	-
D - H	-
MATERIALS	
Filter housing and lids	s S-235-JR
Coating	Internal epoxy coating, external three layer coating
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	-
Suction nozzles	PVC
Backwashing valves	Foundry with 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% transmittance)

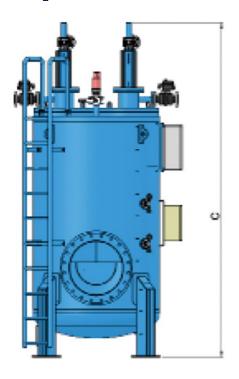
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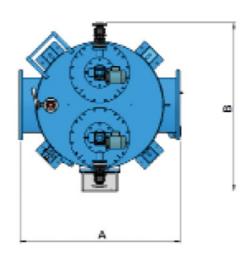
928 / 4086

696 / 3064

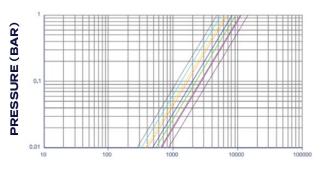


Medium quality

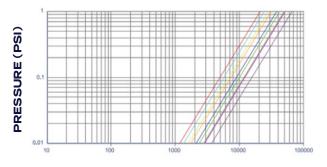




HEAD LOSS



FLOW (M³/H)







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FMA-10000 SERIES - 10212

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- Suitable for use in drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, and cooling towers.
- Acts as a physical barrier against zebra mussels, ensuring the longevity and performance of critical water systems.
- Provides efficient filtration for field irrigation and golf courses, safeguarding water quality and equipment.



PRODUCT CODE		ELECTR
10212		Rated ope
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-450 (18")	Control vo
OPERATING PRESSU	RES (BAR / PSI)	Electric M
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Power (kV
TEMPERATURE (°C/°		Electric m consumpt
May fluid tomporature	50 / 122 (Any others,	Power Su
Max. fluid temperature	ask SF)	DIMENS
WEIGHT (KG / LBS)		A 1800 /
Unladen weight	2700 / 5953	B 1890 /
FILTRATION		C 3750 /
Filtering surface (cm²/ft²)	33000/ 35,52	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10	MATERI Filter hous
BACKWASHING		
Backwashing valve	Flange-DN-50 (2'')	Coating
No. Valves	2	Suction so
Backwash cycle time (s)	25	Filtration
Backwashing flow rate (m³/h / gpm) (*)	40 / 176	Brush
Backwashing water		Suction no
consumption (I / gal)	280 / 74	Backwash
FLOW (M ³ /H / GPM)		Bolts & nu
		Seals
Max. Flow	2800 / 12328	UV DATA
Llieb evolity	1400 / 6464	Ultraviolet
High quality	1400 / 6164	No. lamps
	· · · · · · · · · · · · · · · · · · ·	

ELECTRICAL	
Rated operation	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)
Control voltage	24 V DC
Electric Motor Power (kW/HP)	0,74 / 0,99
Electric motor consumption (A)	2,8
Power Supply (kW)	-
DIMENSIONS (MN	/ / INCHES)
A 1800 / 70,87 E	- J -
B 1890 / 74,41 F	- L -
C 3750 / 147,64 G	-
D - H	-
MATERIALS	
Filter housing and lids	s S-235-JR
	The state of the s
Coating	Internal epoxy coating, external three layer coating
Coating Suction scanner	external three layer
	external three layer coating
Suction scanner	external three layer coating AISI-304
Suction scanner Filtration screen	external three layer coating AISI-304
Suction scanner Filtration screen Brush	external three layer coating AISI-304 AISI-316
Suction scanner Filtration screen Brush Suction nozzles	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA Ultraviolet lamp	external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated

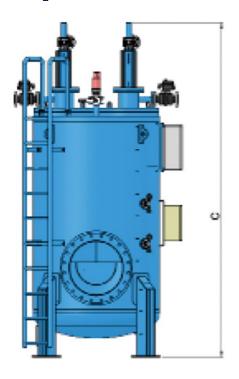
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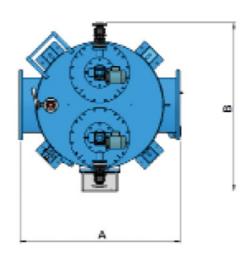
1120 / 4931

840 / 3698

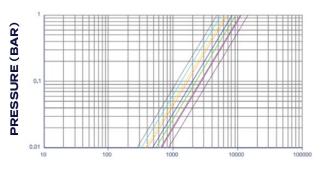


Medium quality

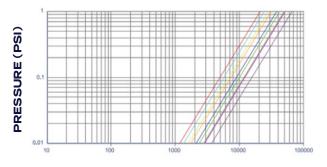




HEAD LOSS



FLOW (M³/H)







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FMA-10000 SERIES - 10214

- Designed to efficiently handle large flow volumes, making it ideal for highdemand municipal, industrial, and irrigation systems.
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- Equipped with an electrical actuation system for consistent and effective filtration in applications where energy is available.
- Suitable for use in drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, and cooling towers.
- Acts as a physical barrier against zebra mussels, ensuring the longevity and performance of critical water systems.
- Provides efficient filtration for field irrigation and golf courses, safeguarding water quality and equipment.



PRODUCT CODE		ELECTR
10214		Rated op
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-450 (18'')	Control v
OPERATING PRESSU	RES (BAR / PSI)	Electric N
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Power (k)
TEMPERATURE (°C/°	,	Electric m
Max. fluid temperature	50 / 122 (Any others,	Power Su
·	ask SF)	DIMENS
WEIGHT (KG / LBS)		A 1800
Unladen weight	2900 / 6393	B 1890
FILTRATION		C 3750
Filtering surface (cm²/ft²)	42600/ 45,85	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10	MATER Filter hou
BACKWASHING		
Backwashing valve	Flange-DN-50 (2")	Coating
No. Valves	2	Suction s
Backwash cycle time (s)	25	Filtration
Backwashing flow rate (m³/h / gpm) (*)	50 / 220	Brush
Backwashing water		Suction n
consumption (I / gal)	175 / 46	Backwas
FLOW (M ³ /H / GPM)		Bolts & n
		Seals
Max. Flow	3600 / 15850	UV DAT
High quality	1800 / 7925	Ultraviole
r ngit quanty	1000 / 1020	No. lamps

ELECTRICAL	
Rated operation voltage	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)
Control voltage	24 V DC
Electric Motor Power (kW/HP)	0,74 / 0,99
Electric motor consumption (A)	2,8
Power Supply (kW)	-
DIMENSIONS (MI	M / INCHES)
A 1800 / 70,87 E	- J -
B 1890 / 74,41 F	- L -
C 3750 / 147,64 G	-
D - H	-
MATERIALS	
Filter housing and lid	s S-235-JR
Coating	Internal epoxy coating, external three layer coating
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	_
Suction nozzles	PVC
Backwashing valves	Foundry with 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% transmittance)

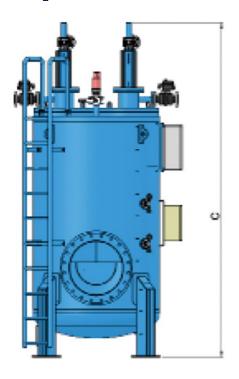
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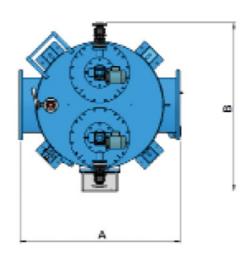
1440 / 6340

1080 / 4755

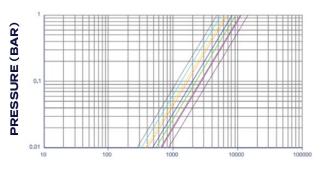


Medium quality

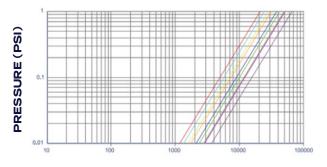




HEAD LOSS



FLOW (M³/H)







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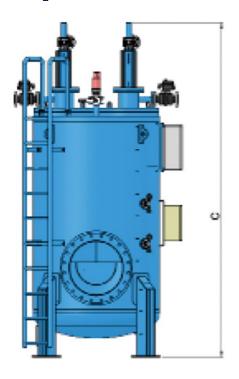
PRODUCT CODE	
10310	
CONNECTIONS	
Inlet/Outlet (BPSM)	DN-500 (20")
OPERATING PRESSU	RES (BAR / PSI)
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)
TEMPERATURE (°C/°	rF)
Max. fluid temperature	50 / 122 (Any others, ask SF)
WEIGHT (KG / LBS)	
Jnladen weight	3000 / 6614
FILTRATION	
Filtering surface (cm²/ft²)	39630 / 42,66
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10
BACKWASHING	
Backwashing valve	Flange-DN-50 (2'')
No. Valves	3
Backwash cycle time (s)	25
Backwashing flow rate (m³/h / gpm) (*)	75 / 330
Backwashing water consumption (I / gal)	525 / 139
FLOW (M ³ /H / GPM)	
Max. Flow	3450 / 15190
ligh quality	1740 / 7661
Medium quality	1392 / 6129

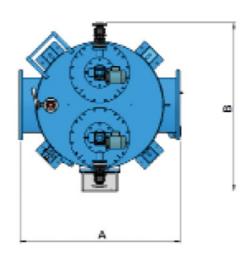
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1044 / 4597

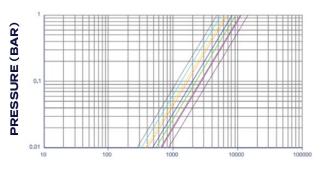


UV (with 55% transmittance) -

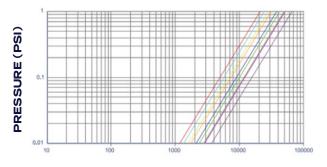




HEAD LOSS



FLOW (M³/H)







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FMA-10000 SERIES - 10312

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PRODUCT CODE		ELEC1
10312		Rated c
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-500 (20")	Control
OPERATING PRESSUI	RES (BAR / PSI)	Electric
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Power (
TEMPERATURE (°C/°	F)	Electric consum
Max. fluid temperature	50 / 122 (Any others,	Power
Max. Ildia temperature	ask SF)	DIME
WEIGHT (KG / LBS)		A 190
Unladen weight	3250 / 7165	B 200
FILTRATION		C 382
Filtering surface (cm²/ft²)	49500 / 53,28	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10	MATE Filter ho
BACKWASHING		
Backwashing valve	Flange-DN-50 (2")	Coating
No. Valves	3	Suction
Backwash cycle time (s)	25	Filtratio
Backwashing flow rate (m³/h / gpm) (*)	60/ 264	Brush
Backwashing water		Suction
consumption (I / gal)	420 / 111	Backwa
FLOW (M ³ /H / GPM)		Bolts &
		Seals
Max. Flow	4200 / 18492	UVDA
High quality	2100 / 9246	Ultravio
. ngn quanty	2100 / 0210	No. lam
		111/ 01

ELECTRICAL	
Rated operation voltage	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)
Control voltage	24 V DC
Electric Motor Power (kW/HP)	1,11 / 1,49
Electric motor consumption (A)	4,2
Power Supply (kW)	-
DIMENSIONS (M	M / INCHES)
A 1900 / 74,80 E	- J -
B 2000 / 78,74 F	- L -
C 3820 / 150,39 G	i -
D - H	-
MATERIALS	
Filter housing and lic	ds S-235-JR
Coating	Internal epoxy coating, external three layer coating
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	-
Suction nozzles	PVC
Backwashing valves	Foundry with 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% transmittance) -	

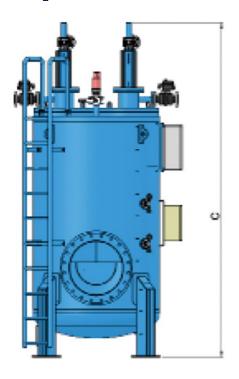
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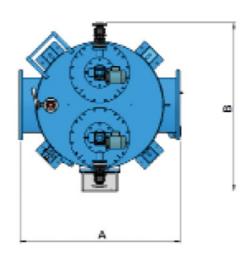
1680 / 7397

1260 / 5548

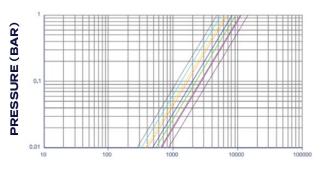


Medium quality

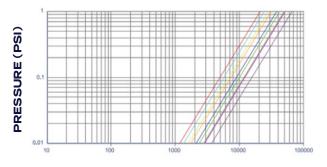




HEAD LOSS



FLOW (M³/H)







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PRODUCT CODE		ELECTR
10314		Rated ope
CONNECTIONS		voltage
Inlet/Outlet (BPSM)	DN-500 (20")	Control vo
OPERATING PRESSU	RES (BAR / PSI)	——————————————————————————————————————
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Electric M Power (kV
TEMPERATURE (°C/°	,	Electric m consumpt
Max. fluid temperature	50 / 122 (Any others,	Power Sup
Max. Haid temperature	ask SF)	DIMENS
WEIGHT (KG / LBS)		A 1900 /
Unladen weight	3500 / 7716	B 2000 /
FILTRATION		C 3820 /
Filtering surface (cm²/ft²)	63900 / 68,78	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10	MATERI Filter hous
BACKWASHING		
Backwashing valve	Flange-DN-50 (2'')	Coating
No. Valves	3	Suction so
Backwash cycle time (s)	25	Filtration s
Backwashing flow rate (m³/h / gpm) (*)	75/ 330	Brush
	·	Suction no
Backwashing water consumption (I / gal)	525 / 139	Backwash
FLOW (M ³ /H / GPM)		Bolts & nu
		Seals
Max. Flow	5400 / 23775	UV DATA
18.1	0700 / 4200	Ultraviolet
High quality	2700 / 11888	No. lamps
		-

ELECTRICAL		
Rated operation voltage	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)	
Control voltage	24 V DC	
Electric Motor Power (kW/HP)	1,11 / 1,49	
Electric motor consumption (A)	4,2	
Power Supply (kW)	-	
DIMENSIONS (MI	M / INCHES)	
A 1900 / 74,80 E	- J -	
B 2000 / 78,74 F	- L -	
C 3820 / 150,39 G	-	
D - H	-	
MATERIALS		
Filter housing and lid	s S-235-JR	
Coating	Internal epoxy coating, external three layer coating	
Suction scanner	AISI-304	
Filtration screen	AISI-316	
Brush	-	
Suction nozzles	PVC	
Backwashing valves	Foundry with epoxy coating	
Bolts & nuts	5.6 & 5.8 Bichromated	
Seals	NBR - EPDM - Viton	
UV DATA		
Ultraviolet lamp	-	
No. lamps -		
110. Iamps		
UV-C lamp power		

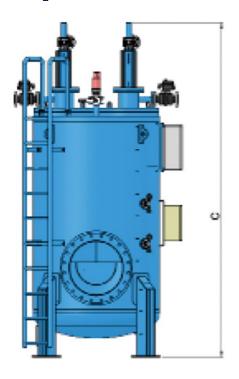
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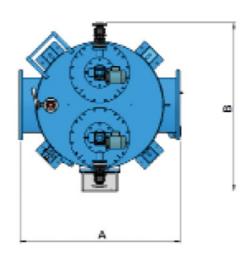
2160 / 9510

1620 / 7133

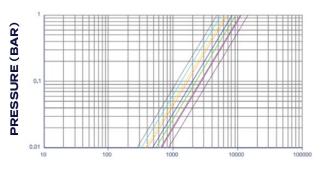


Medium quality

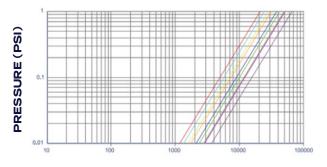




HEAD LOSS



FLOW (M³/H)







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PRODUCT CODE	
0410	
CONNECTIONS	
nlet/Outlet (BPSM)	DN-600 (24")
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)	
Jnladen weight	3500 / 7716
FILTRATION	
Filtering surface (cm²/ft²)	52840 / 56,88
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10
BACKWASHING	
Backwashing valve	Flange-DN-50 (2")
No. Valves	4
Backwash cycle time (s)	25
Backwashing flow rate (m³/h / gpm) (*)	100/440
Backwashing water consumption (I / gal)	700 / 185
FLOW (M ³ /H / GPM)	
Max. Flow	4600 / 20253
ligh quality	2320 / 10215
Medium quality	1856 / 8172

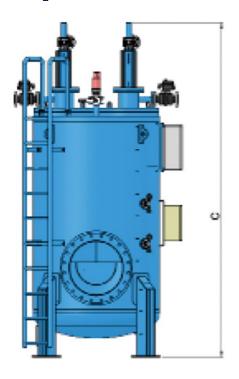
ELECTRICAL	
Rated operation	20 V AC 50 Hz mono- hase-(Optional-Option -00 V AC Three-phase)
Control voltage 2	4 V DC
Electric Motor Power (kW/HP)	,48 / 1,98
Electric motor consumption (A)	i,6
Power Supply (kW) -	
DIMENSIONS (MM	/ INCHES)
A 2100 / 82,68 E -	- J -
B 2240 / 88,19 F -	- L -
C 3820 / 150,39 G -	-
D - H -	-
MATERIALS	
Filter housing and lids	S-235-JR
	S-235-JR Internal epoxy coating, external three layer coating
Filter housing and lids	Internal epoxy coating, external three layer
Filter housing and lids Coating	Internal epoxy coating, external three layer coating
Filter housing and lids Coating Suction scanner	Internal epoxy coating, external three layer coating AISI-304
Filter housing and lids Coating Suction scanner Filtration screen	Internal epoxy coating, external three layer coating AISI-304
Filter housing and lids Coating Suction scanner Filtration screen Brush	Internal epoxy coating, external three layer coating AISI-304 AISI-316
Filter housing and lids Coating Suction scanner Filtration screen Brush Suction nozzles	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy
Filter housing and lids Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating
Filter housing and lids Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Filter housing and lids Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Filter housing and lids Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated

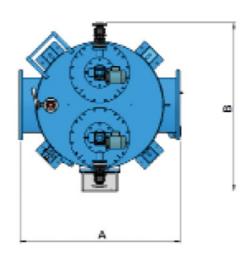
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1392 / 6129

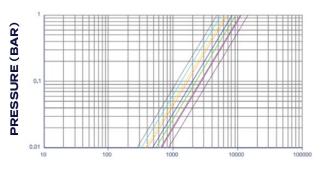


UV (with 55% transmittance) -

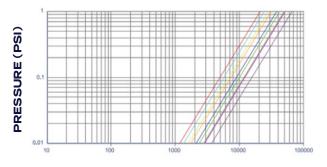




HEAD LOSS



FLOW (M³/H)







FMA SELF-CLEANING ELECTRIC SCREEN

FILTER

The SKAN FMA-10000 automatic mesh filters are engineered for high-performance filtration across a wide range of industries. Designed to handle large flow rates, these filters feature an innovative vertical arrangement with multiple cartridges, providing powerful filtration in compact spaces. Ideal for municipal, industrial, and irrigation applications, they offer reliable filtration solutions for various sectors.



FMA-10000 SERIES - 10412

FEATURES

- Designed to efficiently handle large flow volumes, making it ideal for highdemand municipal, industrial, and irrigation systems.
- The internal vertical arrangement with multiple cartridges maximizes filtration capacity while minimizing the space required for installation.
- Equipped with an electrical actuation system for consistent and effective filtration in applications where energy is available.
- Suitable for use in drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, and cooling towers.
- Acts as a physical barrier against zebra mussels, ensuring the longevity and performance of critical water systems.
- Provides efficient filtration for field irrigation and golf courses, safeguarding water quality and equipment.



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PRODUCT CODE		ELEC
10412		Rated
CONNECTIONS		voltag
Inlet/Outlet (BPSM)	DN-600 (24")	Contro
OPERATING PRESSUI	RES (BAR / PSI)	
Min./Max. working pressure	2 - 10 / 29 - 145 (Any others, ask SF)	Electr Power
TEMPERATURE (°C/°		Electr consu
Max. fluid temperature	50 / 122 (Any others,	Power
	ask SF)	DIME
WEIGHT (KG / LBS)		A 21
Unladen weight	4000 / 8819	B 22
FILTRATION		C 38
Filtering surface (cm²/ft²)	66000 / 71,04	D -
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10	MAT Filter
BACKWASHING		
Backwashing valve	Flange-DN-50 (2")	Coatir
No. Valves	4	Suction
Backwash cycle time (s)	25	Filtrati
Backwashing flow rate (m³/h / gpm) (*)	80/ 352	Brush
Backwashing water		Suction
consumption (I / gal)	560 / 148	Backv
FLOW (M ³ /H / GPM)		Bolts
		Seals
Max. Flow	5600 / 24656	UVD
High quality	2800 / 12328	Ultrav
g., 400mcj		No. la
	22.12.1.22.22	111/1 C

ELECTRICAL	
Rated operation voltage	220 V AC 50 Hz mono- phase-(Optional-Option 400 V AC Three-phase)
Control voltage	24 V DC
Electric Motor Power (kW/HP)	1,48 / 1,98
Electric motor consumption (A)	5,6
Power Supply (kW)	-
DIMENSIONS (M	MM / INCHES)
A 2100 / 82,68 E	≣ - J -
B 2240 / 88,19 F	= L -
C 3820 / 150,39 G	G -
D - F	H -
MATERIALS	
Filter housing and lie	ds S-235-JR
Coating	Internal epoxy coating, external three layer coating
Suction scanner	AISI-304
Filtration screen	AISI-316
Brush	-
Suction nozzles	PVC
Backwashing valves	s Foundry with epoxy coating
Bolts & nuts	5.6 & 5.8 Bichromated
Seals	NBR - EPDM - Viton
UV DATA	
Ultraviolet lamp	-
No. lamps	-
UV-C lamp power	<u>-</u>
UV (with 55% transi	mittance) -

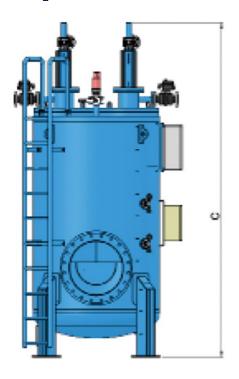
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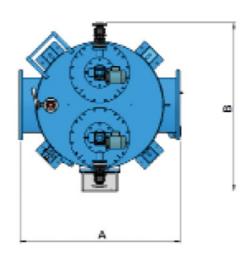
2240 / 9862

1680 / 7397

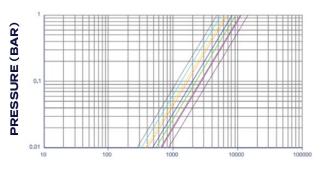


Medium quality

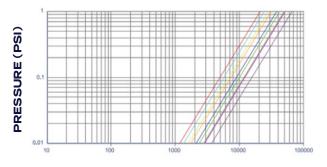




HEAD LOSS



FLOW (M³/H)







FMA SELF-CLEANING ELECTRIC SCREEN

FILTER

The SKAN FMA-10000 automatic mesh filters are engineered for high-performance filtration across a wide range of industries. Designed to handle large flow rates, these filters feature an innovative vertical arrangement with multiple cartridges, providing powerful filtration in compact spaces. Ideal for municipal, industrial, and irrigation applications, they offer reliable filtration solutions for various sectors.



FMA-10000 SERIES - 10414

- Designed to efficiently handle large flow volumes, making it ideal for highdemand municipal, industrial, and irrigation systems.
- The internal vertical arrangement with multiple cartridges maximizes filtration capacity while minimizing the space required for installation.
- Equipped with an electrical actuation system for consistent and effective filtration in applications where energy is available.
- Suitable for use in drinking water facilities, desalination plants, food production, co-generation plants, chemical industries, and cooling towers.
- Acts as a physical barrier against zebra mussels, ensuring the longevity and performance of critical water systems.
- Provides efficient filtration for field irrigation and golf courses, safeguarding water quality and equipment.



PRODUCT CODE	
10414	
CONNECTIONS	
Inlet/Outlet (BPSM)	DN-600 (24")
OPERATING PRESSUI	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	4150 / 9149
FILTRATION	
Filtering surface (cm²/ft²)	85200 / 91,71
Filtration degrees (µm)	1000, 500, 300, 200, 125, 100, 80, 50, 25, 20, 10
BACKWASHING	
Backwashing valve	Flange-DN-50 (2")
No. Valves	4
Backwash cycle time (s)	25
Backwashing flow rate (m³/h / gpm) (*)	100/440
Backwashing water consumption (I / gal)	700 / 185
FLOW (M ³ /H / GPM)	
Max. Flow	7200 / 31700
High quality	3600 / 15850

ELECTRICAL	
Rated operation	20 V AC 50 Hz mono- hase-(Optional-Option 00 V AC Three-phase)
Control voltage 2	4 V DC
Electric Motor Power (kW/HP)	,48 / 1,98
Electric motor consumption (A)	,6
Power Supply (kW) -	
DIMENSIONS (MM	/ INCHES)
A 2100 / 82,68 E -	. J -
B 2240 / 88,19 F -	· L -
C 3820 / 150,39 G -	
D - H -	
MATERIALS	
Filter housing and lids	S-235-JR
Filter housing and lids Coating	S-235-JR Internal epoxy coating, external three layer coating
	Internal epoxy coating, external three layer
Coating	Internal epoxy coating, external three layer coating
Coating Suction scanner	Internal epoxy coating, external three layer coating AISI-304
Coating Suction scanner Filtration screen	Internal epoxy coating, external three layer coating AISI-304
Coating Suction scanner Filtration screen Brush	Internal epoxy coating, external three layer coating AISI-304 AISI-316
Coating Suction scanner Filtration screen Brush Suction nozzles	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy
Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating
Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated
Coating Suction scanner Filtration screen Brush Suction nozzles Backwashing valves Bolts & nuts Seals UV DATA	Internal epoxy coating, external three layer coating AISI-304 AISI-316 - PVC Foundry with epoxy coating 5.6 & 5.8 Bichromated

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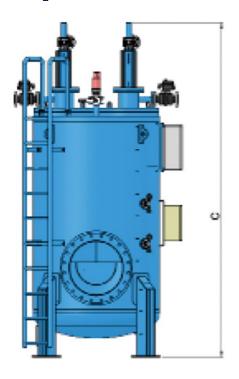
2880 / 12680

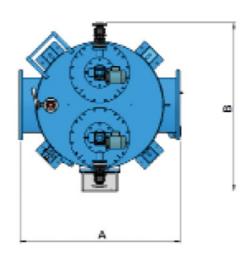
2160 / 9510



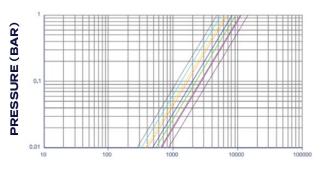
UV (with 55% transmittance) -

Medium quality





HEAD LOSS



FLOW (M³/H)

