

INDUSTRY 2020


CATALOGUE



INTRA TRADING & CONSULTING

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Media Filter Manual




with nozzles

Inlet-Dia Size inch x Ø	Nominal Flow m³/h	Filtration Surface m²	Sand Quantity kgs
1 1/2" - Ø400	11	0,18	60
2" - Ø500	30	0,38	120
3"F- Ø600	60	0,58	200
4"F- Ø750	80	0,84	300
5"F- Ø850	110	1,20	600

* sand is not included

Media Filter Auto




with nozzles

Inlet-Dia Size inch x Ø	Nominal Flow m³/h	Filtration Surface m²	Sand Quantity kgs
2"- Ø500	30	0,38	120
3"F- Ø600	60	0,58	200
4" - Ø750	80	0,84	300
5"- Ø850	110	1,20	600


* sand is not included

MultiMedia Filter



Vessel Dimensions Ødia	Inlet-Outlet Size inch	Filtration Surface m²
Ø500		0,20
Ø600		0,28
Ø750		0,44
Ø950		0,71
Ø800		0,50
Ø1050		0,87
Ø1200		1,13


MultiMedia Filter



Also available in Stainless steel


Vessel Dimensions Ødia	Inlet-Outlet Size inch	Filtration Surface m²
Ø1400	3"	1,54
Ø1600	3"	2,01
Ø1800	3"	2,54
Ø2000	4"	3,14
Ø2200	4"	3,80
Ø2400	4"	4,52
Ø2500	6"	4,91

MultiMedia Filter Auto



Vessel Dimensions ØdiaXheight (mm)	Inlet-Outlet Size inch	Filtration Surface m²
Ø500x1250		0,20
Ø600x1250		0,28
Ø750x1250		0,44
Ø950x1250		0,71
Ø800x1500		0,50
Ø1050x1500		0,87
Ø1200x1500		1,13


MultiMedia Filter Auto



Also available in Stainless steel


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Ø1400	3"	1,54
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Ø2500	6"	4,91

MultiMedia System Auto



Vessel Dimensions ØdiaXheight (mm)	Number of Vessels	Inlet-Outlet Manifold
Ø500x1250	2	
Ø600x1250	2	
Ø750x1250	2	
Ø950x1250	2	
Ø800x1500	2	
Ø1050x1500	2	
Ø1200x1500	2	


MultiMedia System Auto



Also available in Stainless steel


Vessel Dimensions ØdiaXheight (mm)	Number of Vessels	Inlet-Outlet Manifold
Ø1400	2	
Ø1600	2	
Ø1800	2	
Ø2000	2	
Ø2200	2	
Ø2400	2	
Ø2500	2	

MultiMedia System Auto



Vessel Dimensions ØdiaXheight (mm)	Number of Vessels	Inlet-Outlet Manifold
Ø500x1250	3	
Ø600x1250	3	
Ø750x1250	3	
Ø950x1250	3	
Ø800x1500	3	
Ø1050x1500	3	
Ø1200x1500	3	

MultiMedia System Auto



Also available in Stainless steel

Vessel Dimensions ØdiaXheight (mm)	Number of Vessels	Inlet-Outlet Manifold
Ø1400	3	
Ø1600	3	
Ø1800	3	
Ø2000	3	
Ø2200	3	
Ø2400	3	
Ø2500	3	

FCY - Y Strainer PN10



Model PN10	Connection Inlet-Outlet	Screen Grade	Filtering surface
	inch	µm	cm ²
FCY2-R-PN10	2"	125	585
FCY2-PN10	2"	125	585
FCY3-PN10	3"	125	790
FCY4-PN10	4"	125	1015
FCY5-PN10	5"	125	1490
FCY6-PN10	6"	125	1540
FCY8-PN10	8"	125	2690
FCY10-PN10	10"	125	4750

AISI304 stainless steel cartridge with 4 mm coarse screen | Also available in PN16

FCY - Y Strainer PN10



Model PN10	Connection Inlet-Outlet	Screen Grade	Filtering surface
	inch	µm	cm ²
FCY12-PN10	12"	125	6190
FCY14-PN10	14"	125	7245
FCY16-PN10	16"	125	10112
FCY20-PN10	20"	125	14740
FCY24-PN10	24"	125	
FCY28-PN10	28"	125	
FCY32-PN10	32"	125	

AISI304 stainless steel cartridge with 4 mm coarse screen | Also available in PN16

FCL - L Strainer PN10



Model PN10	Connection Inlet-Outlet	Screen Grade	Filtering surface
	inch	µm	cm ²
FCL2-R-PN10	2"	125	585
FCL2-PN10	2"	125	585
FCL3-PN10	3"	125	790
FCL4-PN10	4"	125	1015
FCL5-PN10	5"	125	1490
FCL6-PN10	6"	125	1540
FCL8-PN10	8"	125	2690
FCL10-PN10	10"	125	
FCL12-PN10	12"	125	

AISI304 stainless steel cartridge with 4 mm coarse screen | Also available in PN16

HD - Hydrocyclon



Model	Connection Inlet-Outlet	Connection Type	Flow Rate max
	inch		m ³ /h
HD-2	2"	T	25
HD-3	3"	F	50
HD-4	4"	F	85
HD-6	6"	F	
HD-8	8"	F	

T= Thread BSP | F = Flange DIN2576/PN10 | Max. work. pressure: 8bar

Screen Filter Hydraulic 1000



System Unit Hydraulic code	Flow Rate Max. HQ MQ. m ³ /h	Filtration Area cm ²	Backwash Flow Consum m ³ /h lit
FMA1002	50 25 18	910	3 5
FMA1003	90 50 30	1600	6,5 12,5
FMA1004	150 70 50	2475	14 15
FMA1006	280 90 70	4950	23 30

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

Also available in Stainless steel

Screen Filter Electric 1000E



System Unit Electric Size	Flow Rate Max. HQ MQ. m ³ /h	Filtration Area cm ²	Backwash Flow Consum m ³ /h lit
FMA1002E	80 50 30	1600	3 12,5
FMA1003E	90 55 35	1600	6,5 12,5
FMA1004E	150 75 55	2400	14 15,5
FMA1006E	280 100 75	4800	23 53

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

Also available in Stainless steel

Screen Filter Hydraulic 4000



System Unit Hydraulic code	Flow Rate Max. HQ MQ. m ³ /h	Filtration Area cm ²	Backwash Flow Consum 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

Also available in Stainless steel

Screen Filter Electric 4000E



System Unit Electric Size	Flow Rate Max. HQ MQ. m ³ /h	Filtration Area cm ²	Backwash Flow Consum 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

Also available in Stainless steel

Suction Strainer



System Unit Hydraulic code	Filtration Max. Flow m ³ /h	Weight kg
FS04	100	25
FS06	230	35
FS08	380	45
FS10	550	60
FS12	750	70
FS14	1000	120
FS16	1200	160

Screen Filter Electric 2000E



System Unit Electric Size	Flow Rate Max. HQ MQ. m ³ /h	Filtration Area cm ²	Backwash Flow Consum 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

Also available in Stainless steel



Screen Filter Electric 5000V



System Unit	Flow Rate	Filtration	Backwash
Hydraulic	Max. HQ MQ.	Area	Consumption
code	m ³ /h	cm ²	lit
FMA5003V	1000 650 500	28156	428
FMA5006V	2000 1300 1000	56313	856
FMA5009V	3000 1950 1500	84469	1284
FMA5012V	4000 2600 2000	112626	1712
FMA5015V	5000 3250 2500	140782	2140

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

Screen Filter UV Electric 7000



System Unit	Flow Rate	Filtration	Backwash Consumption
Electric	Rate	Area	Consumption
Size	m ³ /h	cm ²	lit
50µm 20µm			
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

Screen Filter Electric 6000



System Unit	Connection	Flow Rate	Area Power
Electric	Inlet Outlet	m ³ /s	Installed
code	DN inches	screen 1,5x1,5 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

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

Screen Filter Electric 6000



System Unit	Connection	Flow Rate	Area Power
Electric	Inlet Outlet	m ³ /s	Installed
Size	DN inches	screen 1,5x1,5 2x2	cm ² Kw
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
FMA6080	2000 80"	0,19 0,36	4980 2,10
FMA6088	1500 60"	0,30 0,56	6810 2,57
FMA6096	2400 96"	0,19 0,36	7950 2,80
FMA6104	2600 104"	0,30 0,56	9530 3,35
FMA6112	2800 112"	0,19 0,36	1200 3,50
FMA6120	3000 120"	0,30 0,56	13500 3,70

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

Screen Filter Electric 9000



System Unit	Flow Rate	Filtration	Backwash
Electric	Max. HQ MQ.	Area	Consumption
code	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

Screen Filter Electric 10000



System Unit	Flow Rate	Filtration	Backwash
Electric	Max. HQ MQ.	Area	Consumption
Size	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 housing | AISI316 cartridge | Min/Max pressure: 2bar/10bar | Screen filtration degrees:74,100,125,200,300,500,1000 micron

Disc Filter Battery



Model code	No of Filters inch x qty	Manifold inch-mm	Surface cm ²
DFP202-3	2"x2	3"- 90	2984
DFP203-4	2"x3	4"-110	4476
DFP204-6	2"x4	6"-160	5968
DFP205-6	2"x5	6"-160	7460
DFP206-6	2"x6	6"-160	8952

Disc Filter Battery



Model code	No of Filters inch x qty	Manifold inch-mm	Surface cm ²
DFP302-4	3"x2	4"-110	2984
DFP303-4	3"x3	4"-110	4476
DFP304-6	3"x4	6"-160	5968
DFP305-6	3"x5	6"-160	7460
DFP306-6	3"x6	6"-160	8952
DFP308-8	3"x8	8"-200	11936

Automatic Disc Filter Battery



Model code	No of Filters inch x qty	Manifold inch-mm	Surface cm ²
DFP403-6	4"x3	6"-150	8952
DFP404-8	4"x4	8"-200	11936
DFP405-8	4"x5	8"-200	14920
DFP406-10	4"x6	10"-250	17904

Automatic Disc Filter Battery



Model code	No of Filters inch x qty	Manifold inch-mm	Surface cm ²
DFP407-10	4"x7	10"-250	20888
DFP408-10	4"x8	10"-250	23872
DFP409-12	4"x9	12"-315	26856
DFP410-12	4"x10	12"-315	29840