



FILTRATION

SCREEN FILTERS

AUTOMATIC FILTERS

STAINLESS STEEL FILTERS

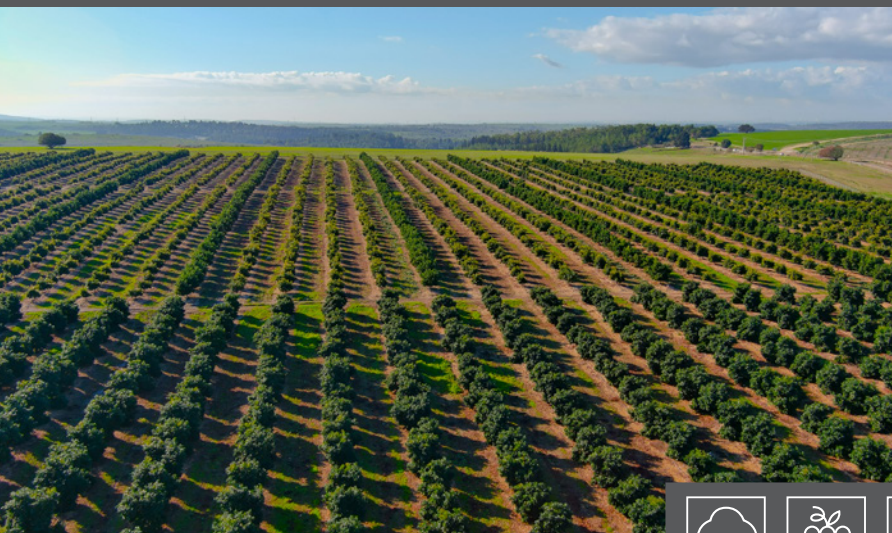
FILTRATION

We offer a wide range of disc, hydrocyclone/sand separator, media, and screen filters. Every Rivulis filter is manufactured to provide the highest level of protection through durable construction and excellent filtration performance.

Quick Reference Guide

Description	F1300 / F1050 Hydrocyclone	F2300 Media Tanks		F3240	F3340	F3440	
Filtration Method	Centrifugal action (hydrocyclone)	Media		Screen			
				Hydraulic automatic	Electric Automatic	Semi-Automatic	
Cleaning Mechanism	Continuous centrifugal forces	Back-flush (automatic controller)		Automatic Flushing with Hydraulic Suction (self-cleaning)			
Configuration	Angle with Collection Tank	Individual media tanks (BSP/ VIC)	Complete media systems (BSTD)	Angle	Parallel	Upright / Parallel / In-Line	Angle
Size	40–200 mm	12", 16", 20", 24", 30", 36", 48" tanks Wide variety of system configurations		50 - 150 mm	80 - 350 mm	150 - 350 mm	50 - 150 mm
Coating	Epoxy (internal) Polyester (external)			Epoxy / Powered Coated / Stainless Steel 304 & 316			
							

Description	F6150	F6400	F7050	F7250
Filtration Method	Polyamide/Stainless steel screen	Stainless steel screen	Disc Element	
Cleaning Mechanism	Manual	Semi-automatic suction nozzles	Manual	Automatic
Configuration	In-line/angle	In-line	In-line/angle	In-line/angle
Clogging Meter	Optional	Standard	Optional	-
Size	3/4" (20mm), 1" (25mm), 1 1/2" (40mm), 2" (50mm), 3" (80mm), 4" (100mm)	2" (50mm), 3" (80mm)	1" (25mm), 1 1/2" (40mm), 2" (50mm), 3" (80mm), 4" (100mm)	4" (100mm) - 10" (250mm)
				



Product Features:

- A pre-filtration solution for water source with high amount of sand particles, when the sand load > 50 ppm
- Separation efficiency 90 to 95% with 300 to 100 micron sand particles
- Including flushing valve for cleaning without opening the collection tank
- Sustainable solution, corrosion free and long lasting



Max. Working Pressure	Operating Head Loss	Inlet & Outlet
8 Bar	0.3 - 0.5 Bar	Flanged/BSP

F1050 Plastic Hydrocyclone Sand Separator

Product Number	Description
101064778	F1050 Plastic Hydrocyclone Sand Separator 50 mm (2") Flanged with 16 Litre Underflow Chamber
101064779	F1050 Plastic Hydrocyclone Sand Separator 80 mm (3") Flanged with 16 Litre Underflow Chamber
101099221	F1050 Plastic Hydrocyclone Sand Separator 100 (4") Flanged with 16 Litre Underflow Chamber



TECHNICAL DATA

Head Loss Chart

2" (50mm)		3" (80mm)		4" (100mm)	
Flow rate (m3/h)	Head Loss (bar)	Flow rate (m3/h)	Head Loss (bar)	Flow rate (m3/h)	Head Loss (bar)
7	0.03	18	0	28	0
10	0.06	25	0.1	36	0.1
12	0.09	31	0.2	42	0.2
16	0.16	39	0.3	50	0.3
21	0.3	44	0.4	61	0.4
26	0.43	50	0.5	70	0.5
32	0.67	55	0.6	79	0.6
36	0.85	60	0.7	88	0.7
42	1.1	64	0.8	97	0.8
		69	0.9	106	0.9
		72	1	116	1



Rivulis F1300 Hydrocyclone Sand Separator Filter

- Safeguard your irrigation system from abrasive sand
- Dual layer barrier epoxy and polyester corrosion protection
- Available as individual units and as pre-assembled arrays
- Ideal for ground water



Max. Working Pressure	Operating Head Loss	Inlet & Outlet
8 Bar	0.3 - 0.5 Bar	Victaulic

F1300 Hydrocyclone Sand Separator

Product Number	Description	List Price (EA)
101065541	F1300 6" VIC 220 Litre Underflow Chamber	P.O.A
101065542	F1300 6" L VIC 220 Litre Underflow Chamber	P.O.A
101103326	F1300 3" VIC 10 Litre Tank	P.O.A
101103327	F1300 3" L VIC 10 Litre Tank	P.O.A
101103328	F1300 3" x 4" VIC 30 Litre Tank	P.O.A
101103329	F1300 4" VIC 120 Litre Tank	P.O.A
101103330	F1300 6" VIC 150 Litre Tank	P.O.A
101103331	F1300 6" L VIC 150 Litre Tank	P.O.A
101103332	F1300 8" VIC 300 Litre Tank	P.O.A



TECHNICAL DATA

RANGE Recommended Flow Range

Inlet / Outlet Diameter		Underflow Chamber	Recommended Flow Rate
inch	mm	l	m³/h
3	80	10	20 – 35
3 long	80	10	29 – 45
4	100	60	60 – 93
3x4	80x100	30	45 – 73
6	150	150	93 – 155
6 long	150 long	150	145 – 225
8	200	300	200 - 330



Rivulis F2300 Media Filter:

- Protection in high particle and organic load conditions
- High density mushroom diffuser with reinforced dual chamber design, and single chamber injected molded polyester arm collector design
- Individual tanks and full media arrays.
- For the most challenging conditions and long-term systems



Max. Working Pressure	Min. Backwash Pressure	Control
8 Bar	2 Bar	Standard AC

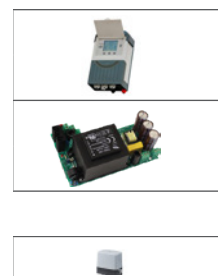
F2300 Media Tanks

Product Number	Description	Size
101073104	F2300 Media Filter 12"- 50mm Phenolic - Side Inlet	12"
101073105	F2300 Media Filter 16"- 50mm Phenolic - Side Inlet	16"
101099749	F2300 Media Filter 20"- 50mm Phenolic - Side Inlet	20"
101073106	F2300 Media Filter 20"- 50mm Phenolic - Top Inlet	20"
101073107	F2300 Media Filter 24"- 50mm Phenolic - Top Inlet	24"
101073108	F2300 Media Filter 30"- 80mm Phenolic - Top Inlet	30"
101073109	F2300 Media Filter 36"- 80mm Phenolic - Top Inlet	36"
101073110	F2300 Media Filter 48"- 180mm Phenolic - Top Inlet	48"
101011135	Stainless Steel(304) Media Filter 48"- 100mm 6bar-Single Chamber - Top Inlet	48"
AU9968521	Stainless Steel(316) Media Filter 48"- 100mm 6bar-Single Chamber - Top Inlet	48"



Gravel & Accessories

Product Number	Description
101006462	Gravel (media) Crushed Basalt Rock #1 25 kg Bag
WT12860	Filter Flush Controller 2 Outputs DC - Talgil
WT12865	Filter Flush Controller 2 Outputs AC - Talgil
WT12870	2 Outputs Expansion Board DC
WT12871	2 Outputs Expansion Board AC
WT13841	Electric Pressure Differential Switch to Suit Flush Controller
WT12586	Pressure Switch To Pause Controller- Pre-adjusted @ 5m



All media tanks and systems have been updated, and different dimensions to previous models.
Please refer to the technical manual or contact your local Rivulis Representative for dimensional drawings.

F2300 Gravel Filter System | 12"

Product Number	Description	Size	List Price (EA)	
AU232123	F2300 Rivulis Media 2 x 12" with 80mm Manifold and Accessories	2 x 12"	P.O.A	
AU633123	F2300 Rivulis Media 3 x 12" with 80mm Manifold and Accessories	3 x 12"	P.O.A	

F2300 Rivulis Media System | 16"

Product Number	Description	Size	List Price (EA)	
AU232163	F2300 Rivulis Media 2 x 16" with 80mm Manifold and Accessories	2 x 16"	P.O.A	
AU233123	F2300 Rivulis Media 3 x 16" with 80mm Manifold and Accessories	3 x 16"	P.O.A	

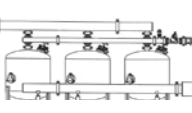
F2300 Rivulis Media System | 20"

Product Number	Description	Size	List Price (EA)	
AU232203	F2300 Rivulis Media 2 x 20" with 80 mm Manifold and Accessories	2 x 20"	P.O.A	
AU233203	F2300 Rivulis Media 3 x 20" with 80mm Manifold and Accessories	3 x 20"	P.O.A	
AU234204	F2300 Rivulis Media 4 x 20" with 100mm Manifold and Accessories	4 x 20"	P.O.A	

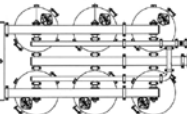
F2300 Rivulis Media System | 24"

Product Number	Description	Size	List Price (EA)	
AU232244	F2300 Rivulis Media 2 x 24" with 100mm Manifold and Accessories	2 x 24"	P.O.A	
AU233244	F2300 Rivulis Media 3 x 24" with 100mm Manifold and Accessories	3 x 24"	P.O.A	
AU234244	F2300 Rivulis Media 4 x 24" with 100mm Manifold and Accessories	4 x 24"	P.O.A	
AU235244	F2300 Rivulis Media 5 x 24" with 100mm Manifold and Accessories	5 x 24"	P.O.A	

F2300 Rivulis Media System | 30"

Product Number	Description	Size	List Price (EA)	
AU232306	F2300 Rivulis Media 2 x 30" with 150mm Manifold and Accessories	2 x 30"	P.O.A	
AU233306	F2300 Rivulis Media 3 x 30" with 150mm Manifold and Accessories	3 x 30"	P.O.A	
AU234306	F2300 Rivulis Media 4 x 30" with 150mm Manifold and Accessories	4 x 30"	P.O.A	

F2300 Rivulis Media System | 36"

Product Number	Description	Size	List Price (EA)	
AU232366	F2300 Rivulis Media 2 x 36" with 150mm Manifold and Accessories	2 x 36"	P.O.A	
AU233366	F2300 Rivulis Media 3 x 36" with 150mm Manifold and Accessories	3 x 36"	P.O.A	
AU234366	F2300 Rivulis Media 4 x 36" with 150mm Manifold and Accessories	4 x 36"	P.O.A	
AU235366	F2300 Rivulis Media 5 x 36" with 200mm Manifold and Accessories	5 x 36"	P.O.A	
AU236366	F2300 Rivulis Media 6 x 36" with 200mm Manifold and Accessories	6 x 36"	P.O.A	

F2300 Rivulis Media System | 48"

Product Number	Description	Size	List Price (EA)
AU233486	F2300 Rivulis Media 3 x 48" with 150mm Manifold and Accessories	3 x 48"	P.O.A
AU234488	F2300 Rivulis Media 4 x 48" with 200mm Manifold and Accessories	4 x 48"	P.O.A
AU235488	F2300 Rivulis Media 5 x 48" with 200mm Manifold and Accessories	5 x 48"	P.O.A
AU2364810	F2300 Rivulis Media 6 x 48" with 250mm Manifold and Accessories	6 x 48"	P.O.A
AU2384812	F2300 Rivulis Media 8 x 48" with 300mm Manifold and Accessories	7 x 48"	P.O.A
AU23104812	F2300 Rivulis Media 10 x 48" with 300mm Manifold and Accessories	8 x 48"	P.O.A



TECHNICAL DATA

Recommended Flow Range - Double Chamber Tanks

Model	In/Out ØD	Recom. Flow rate	Min. Backwash Flow rate	Filtration area	No. of gravel bags per tank
Inch	Inch	m³/h	m³/h	m²	25kg bag
12	1	3.5-5	6	0.07	2
16	1.5	5.3-9	10	0.12	3
20	2	8-13.5	17	0.2	5
24	2	13.5-20	25	0.29	7
30	3	20-30	38	0.44	12
36	3	32-44	55	0.64	16
48	4	55-79	96	1.13	23

Recommended Flow Range - Single Chamber Tanks

Model	In/Out ØD	Recom. Flow rate	Filtration area	No. of gravel bags per tank
Inch	Inch	m³/h	m²	25kg bag
48	4	45.0 - 75.0	1.13	27

All media tanks and systems have been updated, and different dimensions to previous models.
 Please refer to the technical manual or contact your local Rivulis Representative for dimensional drawings.
 Media systems up to 5 tanks are supplied in in-line configuration.
 Media systems from 6 tanks above are supplied in W configuration. Standard manifold for W configuration is metal.
 Systems can be ordered with a choice of AC or DC solenoids and controller.

F3240 IQ Parallel



Introducing the F3240 IQ Automatic Screen Filter, a game-changer in filtration technology. With advanced control features, you can monitor and manage your filter directly from your phone, ensuring optimal performance at all times. Its automatic self-cleaning capability eliminates the need for an external power source, making it incredibly efficient and hassle-free. Boasting one of the largest screens on the market with enhanced porosity, the F3240 IQ ensures maximum flow and superior filtration.



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Inlet & Outlet
10 Bar	2 Bar	304 Stainless Steel	Flanged Parallel

F3240 IQ Metal Screen Filter | Parallel | Auto-Hydraulic | 304 Stainless Steel

Product Number	Description	Size	Micron
AUF32401	F3240 IQ 304 SS Par 3" BSTD DC SST Screen 130mic	80mm	130mic
AUF32402	F3240 IQ 304 SS Par 4" BSTD DC SST Screen 130mic	100mm	130mic
101102729	F3240 IQ 304 SS Par 6" BSTD DC SST Screen 130mic	150mm	130mic
AUF32403	F3240 IQ 304 SS Par 8" BSTD DC SST Screen 130mic	200mm	130mic
AUF32404	F3240 IQ 304 SS Par 10" BSTD DC SST Screen 130mic	250mm	130mic



*Hydraulic = Automatic filter with hydraulically driven flush mechanism
316 Stainless Steel & Carbon Steel Available Upon Request Ex. Spain*

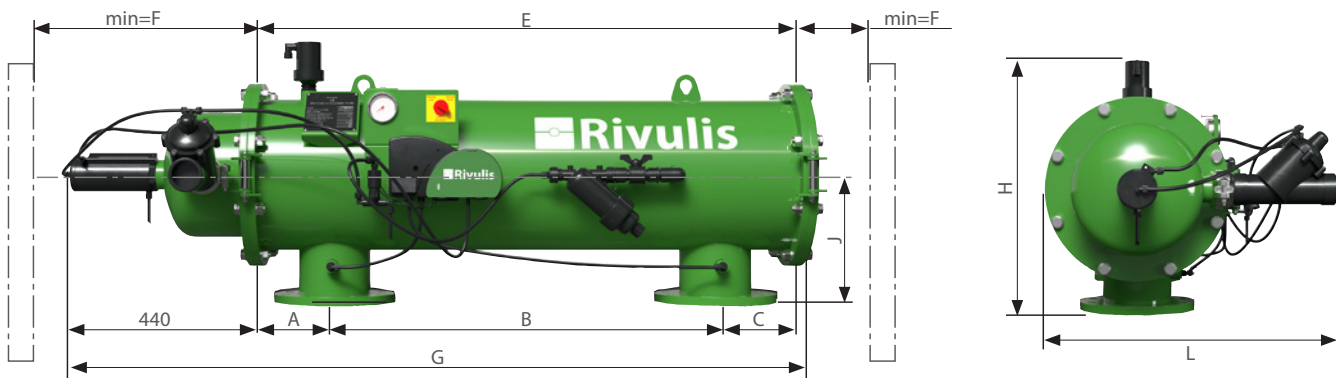
Advanced control - Monitor and control from you phone

Set your filter flushing regime, monitor pressure status, and review historical information all from your phone.

The RivulisFILTER app enables filter control and monitoring via Bluetooth®. Available for Android™ and iOS®.



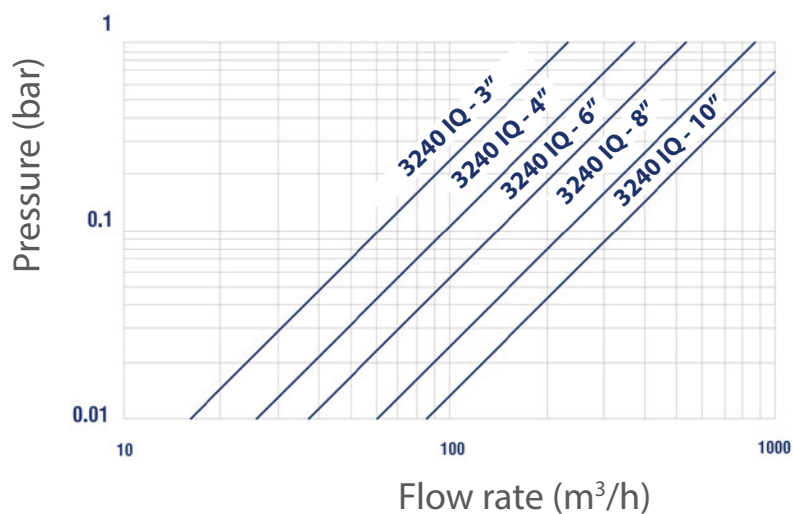
TECHNICAL DATA

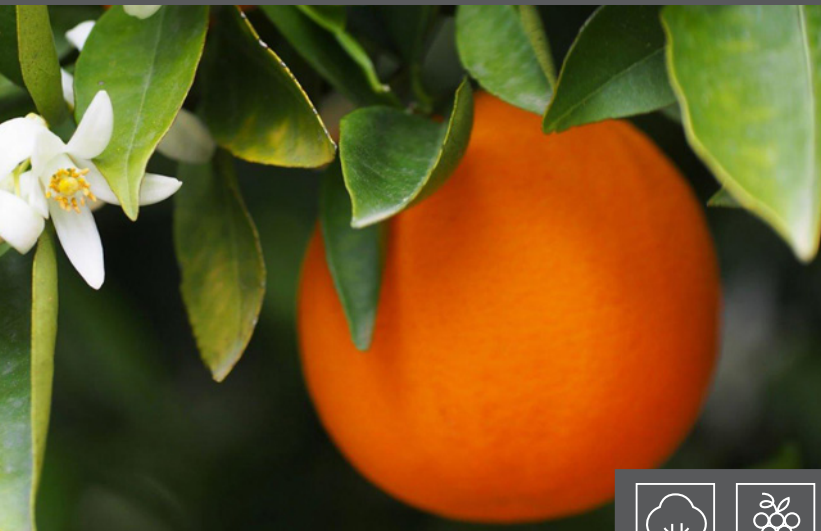


Model	Dimensions (mm)							
	A	B	C	D	E	F	G	H
3"	176	360	176	712	712	500	1202	624
4"	109	770	109	988	988	690	1477	624
6"	181	900	181	1262	1262	970	1752	624
8"	419	900	219	1538	1538	1240	2027	624
10"	681	900	231	1812	1812	1520	2302	624

Model	Flow Rate (m ³ /h)		
	High quality	Medium quality	Low quality
3"	85	60	40
4"	110	90	65
6"	200	150	110
8"	315	240	175
10"	400	340	240

Head Loss Chart





Product Features:

- Efficient: Fully automated operation with small foot print and minimal water used for backflush
- Dual barrier corrosion protection: Epoxy lined with additional exterior polyester coating
- Large filtration area: Featuring one of the largest relative screen areas on the market
- Ideal as primary filtration with automatic cleaning (no mains power source required)



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Inlet & Outlet	Control
10 Bar	2 Bar	Epoxy/Polyester Coated Carbon Steel & Stainless Steel	Flanged Angle	DC Standard AC Upon Request

F3240 Metal Screen Filter | Angle | Auto-Hydraulic | DC

Product Number	Description	Size	Micron
101053435	F3240 Angle 50 mm (2") 130 mic DC BTSD	50 mm	130 mic
101053436	F3240 Angle 50 mm (2") 200 mic DC BTSD	50 mm	200 mic
101053437	F3240 Angle 80 mm (3") 130 mic DC BTSD	80 mm	130 mic
101053438	F3240 Angle 80 mm (3") 200 mic DC BTSD	80 mm	200 mic
101053439	F3240 Angle 100 mm (4") 130 mic DC BTSD	100 mm	130 mic
101053440	F3240 Angle 100 mm (4") 200 mic DC BTSD	100 mm	200 mic
101061059	F3240 Angle 100 mm (4") 200 mic 6" Flanges DC	100 mm	200 mic
101053441	F3240 Angle 150 mm (6") 130 mic DC BTSD	150 mm	130 mic
101053442	F3240 Angle 150 mm (6") 200 mic DC BTSD	150 mm	200 mic



Recommended Flow Range

Inlet / Outlet		Body	Connections	Flow Rate by Water Quality (m ³ /h)*			Flush Flow Rate Range
inch	mm			High	Medium	Low	m ³ /h
3	80	Parallel	BSTD	70	50	35	5
4	100	Parallel	BSTD	90	74	55	10
6	150	Parallel	BSTD	160	120	90	15
8	200	Parallel	BSTD	250	190	140	20
10	250	Parallel	BSTD	320	270	190	25
2	50	Angle	BSTD	50	30	20	5
3	80	Angle	BSTD	50	30	20	5
4	100	Angle	BSTD	70	50	25	5
6	150	Angle	BSTD	90	70	50	10

*Water quality for most Australian applications is considered to be of poor quality

F3340 PARALLEL STAINLESS STEEL



The Rivulis F3340 Automatic Screen (Electric) Filter, equipped with an electric cleaning mechanism drive, ensures efficient back-flush even in low-pressure operations, making it ideal for primary filtration when 240 VAC power is available.

The stainless steel option is designed to protect against oxidization/corrosion. Stainless steel features a protective layer of chromium that creates a barrier between environmental oxygen and the metal's iron content which protects it from corrosion.



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Inlet & Outlet
10 Bar	2 Bar	Steel Stainless Steel 316	Flanged Parallel

F3340 Pro Electric Metal Screen Filter | Parallel | Stainless Steel 316L

Product Number	Description	Size	Micron	List Price (EA)	
AU3340SS006	F3340 Parallel 150 mm (6") 130 mic - Model SS7990	150 mm	130 mic	P.O.A	
AU3340SS008	F3340 Parallel 200 mm (8") 130 mic - Model SS13210	200 mm	130 mic	P.O.A	
101073689	F3340 Parallel 250 mm (10") 130 mic - Model SS21300	250 mm	130 mic	P.O.A	

SS- Stainless Steel 316 Filter. Electric Drive - Flush mechanism driven by external electric motor

Other screen sizes and pressure combinations available upon request

Filters are supplied without flush controller. Controllers require commissioning and wiring on site (not included in controller cost)

Standard sizes are stocked items and available with very small lead times, all other sizes are manufactured as required, please contact Rivulis Representative for pricing and accurate lead times

* Carbon Steel Available Upon Request Ex. Spain

Filter Controller | Suitable for F3340 Filters

Product Number	Description	List Price (EA)
101071558	G75 Digital Differential Pressure Gauge Switch With Bracket	P.O.A

TECHNICAL DATA

Recommended Flow Range

Model	Flow Rate by Water Quality (m ³ /h)*		
	High	Medium	Low
7990	215	173	129
10600	320	256	192
13210	580	464	348
16500	700	560	420
21300	900	720	540

*Water quality for most Australian applications is considered to be of poor quality



Product Features:

- Extra large diameter filter body with choice of AC or DC electric motors
- Stainless Steel and coated Carbon Steel with 2 layers of Epoxy and polyester coating inside and outside filter body options available.
- A massive stainless steel 4 layer screen for maximum flow and minimal backflushes
- Easy maintenance and service: Horizontal/parallel service port for better health and safety in the workplace



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Inlet & Outlet
10 Bar	2 Bar	Carbon Steel & Stainless Steel 316	Flanged Upright Angle

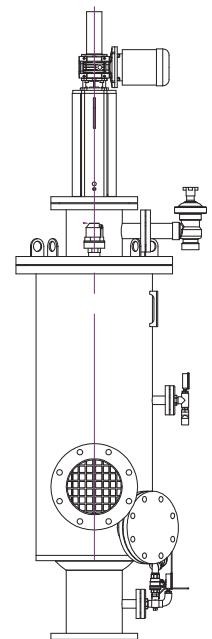
F3340 Metal Screen Filter | Upright | Electric | Stainless Steel 316L

Product Number	Description	Size	Micron	List Price (EA)
AU33906N	F3340 150 mm (6") 130 mic Model SS7990	150 mm	130 mic	P.O.A
AU33908N	F3340 200 mm (8") 130 mic Model S10600	200 mm	130 mic	P.O.A
AU33910N	F3340 250 mm (10") 130 mic Model SS13210	250 mm	130 mic	P.O.A
AU33912N	F3340 300 mm (12") 130 mic Model SS16500	300 mm	130 mic	P.O.A
AU33914N	F3340 350 mm (14") 130 mic Model SS21300	350 mm	130 mic	P.O.A

SS- Stainless Steel 316 Filter

Electric Drive - Flush mechanism driven by external electric motor. Other screen sizes and pressure combinations available upon request
Filters are supplied without flush controller. Controllers require commissioning and wiring on site (not included in controller cost)

* Carbon Steel Available Upon Request Ex. Spain



TECHNICAL DATA

Recommended Flow Range

Model	Flow Rate by Water Quality (m ³ /h)*		
	High	Medium	Low
7990	215	173	129
10600	320	256	192
13210	580	464	348
16500	700	560	420
21300	900	720	540

*Water quality for most Australian applications is considered to be of poor quality



Product Features:

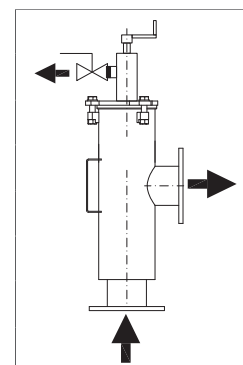
- Electric cleaning mechanism drive enables efficient back-flush, even in low-pressure operations
- Ideal as primary filtration with access to 240 VAC power



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Inlet & Outlet
10 Bar	2 Bar	Carbon Steel	Flanged Angled

F3440 Metal Screen Filter | Angle | Semi-Automatic

Product Number	Description	Size	Micron
AU9001010	F3440 Angle 50 mm (2") 130 mic	50 mm	130 mic
AU9001011	F3440 Angle 50 mm (2") 200 mic	50 mm	200 mic
101063787	F3440 Angle 80 mm (3") 130 mic	80 mm	130 mic
101063786	F3440 Angle 80 mm (3") 200 mic	80 mm	200 mic
101063783	F3440 Angle 100 mm (4") 130 mic	100 mm	130 mic
101061067	F3440 Angle 100 mm (4") 200 mic	100 mm	200 mic
101063785	F3440 Angle 150 mm (6") 130 mic	150 mm	130 mic
101063784	F3440 Angle 150 mm (6") 200 mic	150 mm	200 mic





Rivulis F6150 Plastic Screen Filter

- Optimized protection of your irrigation
- Ideal as primary filtration for small farms or back-up filtration in-field



Max. Working Pressure	Construction Material	Inlet & Outlet
8 - 10 Bar	Polypropylene	BSP Threaded

F6150 Screen Filter | Y-Model | BSP Threaded | 8 Bar

Product Number	Description	Size	Micron
101060926	F6150 20 mm (¾") 130 mic Y-Model	20 mm	130 mic
101060927	F6150 25 mm (1") 130 mic Y-Model	25 mm	130 mic
101061009	F6150 25 mm (1") 200 mic Y-Model	25 mm	200 mic
101060928	F6150 40 mm (1½") 130 mic Y-Model	40 mm	130 mic
101070243	F6150 40 mm (1½") 200 mic Y-Model	40 mm	200 mic



F6150 Screen Filter | T-Model | BSP Threaded | 10 Bar

Product Number	Description	Size	Micron
101061722	F6150 50 mm (2") 130 mic T-Model	50 mm	130 mic
101062322	F6150 50 mm (2") 200 mic T-Model	50 mm	200 mic
101062323	F6150 50 mm (2") Long 130 mic T-Model	50 mm	Long 130 mic
101062324	F6150 50 mm (2") Long 200 mic T-Model	50 mm	Long 200 mic
101062325	F6150 80 mm (3") 130 mic T-Model*	80 mm	130 mic
101062326	F6150 80 mm (3") 200 mic T-Model*	80 mm	200 mic
101062327	F6150 80 mm (3") Long 130 mic T-Model*	80 mm	Long 130 mic
101062328	F6150 80 mm (3") Long 200 mic T-Model*	80 mm	Long 200 mic
101062328	F6150 80 mm (3") Long 400 mic T-Model*	80 mm	Long 400 mic



*Flange kits are available for 3" model

F6150 Screen Filter | Twin-Screen Filter | Vic/Flanged | 10 Bar

Product Number	Description	Size	Micron
101060445	F6150 Twin 100 mm (4") 130 mic	100 mm	130 mic
101066114	F6150 Twin 100 mm (4") 200 mic	100 mm	200 mic
101069316	F6150 Twin 100 mm (4") 400 mic	100 mm	400 mic



TECHNICAL DATA

Head Loss

Filter Sizes	Head loss @ 130 micron (120 mesh)			
	2 m³/h	5 m³/h	10 m³/h	20 m³/h
3/4"	0.10 Bar (1.45 psi)	0.25 Bar (3.63 psi)		
1"	0.05 Bar (0.73 psi)	0.18 Bar (2.61 psi)		
1½"		0.10 Bar (1.45 psi)	0.20 Bar (2.90 psi)	0.50 Bar (7.25 psi)

Filter Sizes	Head loss @ 130 micron (120 mesh)					
	10 m³/h	20 m³/h	30 m³/h	40 m³/h	50 m³/h	60 m³/h
2"	0.03 Bar (0.44 psi)	0.10 Bar (1.45 psi)	0.20 Bar (2.9 psi)	0.35 Bar (5.08 psi)		
3"	0.015 Bar (0.22 psi)	0.04 Bar (0.58 psi)	0.08 Bar (1.16 psi)	0.13 Bar (1.89 psi)	0.17 Bar (2.47 psi)	0.25 Bar (3.63 psi)

Filter Sizes	Head loss @130 micron (120 mesh)									
	10 m³/h	20 m³/h	30 m³/h	40 m³/h	50 m³/h	60 m³/h	70 m³/h	80 m³/h	90 m³/h	100 m³/h
3"	0.01 Bar (0.15 psi)	0.03 Bar (0.44 psi)	0.06 Bar (0.87 psi)	0.09 Bar (1.30 psi)	0.14 Bar (2.03 psi)	0.19 Bar (2.76 psi)				
4"		0.01 Bar (0.15 psi)	0.02 Bar (0.29 psi)	0.03 Bar (0.44 psi)	0.04 Bar (0.58 psi)	0.06 Bar (0.87 psi)	0.08 Bar (1.16 psi)	0.10 Bar (1.45 psi)	0.13 Bar (1.89 psi)	0.16 Bar (2.32 psi)

F6400 PLASTIC SEMI-AUTO SCREEN



The Rivulis F6400 Plastic Screen Filter (Semi Automatic), is the perfect solution for small farms and in-field back-up filtration. This innovative filter saves labor with its simple flushing mechanism—just open the valve and rotate the handle for effortless maintenance. The built-in pressure differential indicator makes it easy to see when flushing is needed, ensuring optimal performance with minimal effort.



Max. Working Pressure	Min. Backwash Pressure	Inlet & Outlet
10 Bar	2 Bar	BSP Threaded

F6400 Screen Filter | Semi-Automatic | BSP Threaded

Product Number	Description	Screen Area (cm ²)	Size	Micron
101047720	F6400 In-Line Semi-Automatic 50 mm (2")	830	50 mm	100 mic
101047722	F6400 In-Line Semi-Automatic 50 mm (2")	830	50 mm	130 mic
101047723	F6400 In-Line Semi-Automatic 50 mm (2")	830	50 mm	200 mic
101047727	F6400 In-Line Semi-Automatic 80 mm (3")	1270	80 mm	100 mic
101047728	F6400 In-Line Semi-Automatic 80 mm (3")	1270	80 mm	130 mic
101047729	F6400 In-Line Semi-Automatic 80 mm (3")	1270	80 mm	200 mic



Plastic Filter | Accessories

Product Number	Description
101046081	Clogging Indicator to suit F6150 & F7050 Filters
101053058	80 mm BSP Flange Adaptor (2 required per filter)



TECHNICAL DATA

Head Loss

2" F6400			
Flow Rate	Head Loss (bar)		
(m ³ /h)	200 Micron	130 Micron	100 Micron
10	0.00	0.04	0.06
15	0.02	0.09	0.12
20	0.05	0.14	0.17
25	0.09	0.2	0.23
30	0.14	0.26	0.29
35	0.21	0.32	0.36
40	0.28	0.39	0.44

3" F6400			
Flow Rate	Head Loss (bar)		
(m ³ /h)	200 Micron	130 Micron	100 Micron
20	0.00	0.02	0.04
25	0.02	0.04	0.07
30	0.05	0.08	0.11
35	0.09	0.14	0.17
40	0.14	0.21	0.25
45	0.19	0.28	0.33
50	0.24	0.35	0.4



Rivulis F7050 Plastic Disc Filters:

- Disc filtration for increased filtration efficiency
- Ideal protection against algae and organic matter



Max. Working Pressure	Inlet & Outlet	Construction Material
8 - 10 Bar	BSP & Universal Flange	Polypropylene

F7050 Disc Filter | Y-Model Disc Filter | BSP Threaded | 8 Bar

Product Number	Description	Size	Micron
101060924	F7050 25 mm (1") 130 mic Y-Model	25 mm	130 mic
101060925	F7050 40 mm (1½") 130 mic Y-Model	40 mm	130 mic



F7050 Disc Filter | T-Model Disc Filter | BSP Threaded | 10 Bar

Product Number	Description	Size	Micron
101062316	F7050 50 mm (2") 130 mic T-Model	50 mm	130 mic
101062000	F7050 50 mm (2") 200 mic T-Model	50 mm	200 mic
101061999	F7050 50 mm (2") Long 130 mic T-Model	50 mm	Long 130 mic
101062317	F7050 50 mm (2") Long 200 mic T-Model	50 mm	Long 200 mic
101069580	F7050 50 mm (2") Long 400 mic T-Model	50 mm	Long 400 mic
101062318	F7050 80 mm (3") 130 mic T-Model	80 mm	130 mic
101062319	F7050 80 mm (3") 200 mic T-Model	80 mm	200 mic
101062320	F7050 80 mm (3") Long 130 mic T-Model	80 mm	Long 130 mic
101062321	F7050 80 mm (3") Long 200 mic T-Model	80 mm	Long 200 mic
101069317	F7050 80 mm (3") Long 400 mic T-Model	80 mm	Long 400 mic



*Flange kits are available for 3" model

F7050 Disc Filter | Twin-Disc Filter | VIC/Flanged | 10 Bar

Product Number	Description	Size	Micron
101066257	F7050 Twin 80 mm (3") 130 mic	80 mm	130 mic
101066249	F7050 Twin 80 mm (3") 200 mic	80 mm	200 mic
101066974	F7050 Twin 80 mm (3") 400 mic	80 mm	400 mic
101064210	F7050 Twin 100mm (4") 130 mic	100mm	130 mic
101066251	F7050 Twin 100mm (4") 200 mic	100mm	200 mic
101066975	F7050 Twin 100mm (4") 400 mic	100mm	400 mic



TECHNICAL DATA

Head Loss

Filter Sizes	Head loss @130 micron (120 mesh)			
	2 m³/h	5 m³/h	10 m³/h	20 m³/h
3/4"	0.10 Bar (1.45 psi)	0.50 Bar (7.25 psi)		
1"	0.15 Bar (2.18 psi)	0.25 Bar (3.63 psi)		
1½"		0.10 Bar (1.45 psi)	0.20 Bar (2.90 psi)	0.50 Bar (7.25 psi)

Filter Sizes	Head loss @130 micron (120 mesh)					
	10 m³/h	20 m³/h	30 m³/h	40 m³/h	50 m³/h	60 m³/h
2"	0.03 Bar (0.44 psi)	0.12 bar (1.74 psi)	0.24 bar (3.19 psi)	0.37 bar (5.36 psi)		
3"	0.015 Bar (0.22 psi)	0.05 bar (0.73 psi)	0.1 bar (1.45 psi)	0.15 bar (2.18 psi)	0.2 bar (2.9 psi)	0.28 bar (4.06 psi)

Filter Sizes	Head loss @130 micron (120 mesh)									
	10 m³/h	20 m³/h	30 m³/h	40 m³/h	50 m³/h	60 m³/h	70 m³/h	80 m³/h	90 m³/h	100 m³/h
3"	0.01 Bar (0.15 psi)	0.04 Bar (0.58 psi)	0.07 Bar (1.02 psi)	0.12 Bar (1.74 psi)	0.17 Bar (2.47 psi)	0.24 Bar (3.48 psi)	0.32 Bar (4.64 psi)			
4"		0.01 Bar (0.15 psi)	0.03 Bar (0.44 psi)	0.05 Bar (0.73 psi)	0.07 Bar (1.02 psi)	0.09 Bar (1.30 psi)	0.12 Bar (1.74 psi)	0.15 Bar (2.18 psi)	0.18 Bar (2.61 psi)	0.2 bar (3.19 psi)

F7250 AUTOMATIC DISC



Introducing the F7250 Automatic Disc Filter. A modular unit designed for easy expansion and plug-and-play installation. It combines media and screen filtration, offering 60% more filtration volume, 20% higher flow rates, and lower initial pressure differential. The 3D filtration excels at removing organic matter, and a fast backflush reduces costs. Pre-assembled units come with a controller, backflush valves, and stand for easy setup.



Max. Working Pressure	Min. Backwash Pressure	Construction Material	Max. Working Temperature
10 Bar	2.5 Bar	Manifolds - HDPE Pod Housing - Polyamide Disc Element - Polypropylene	60°C

F7250 Automatic Disc Filter | Single Pod Angle

Product Number	Description	Micron
101099582	F7250 2 x 80mm Long Spine I 100mm Manifold 130mic with AC Controller	130 mic
AUF725011	F7250 2 x 80mm Long Spine I 100mm Manifold 200mic with AC Controller	200 mic
101094390	F7250 3 x 80mm Long Spine I 100mm Manifold 130mic with AC Controller	130 mic
AUF725013	F7250 3 x 80mm Long Spine I 100mm Manifold 200mic with AC Controller	200 mic
AUF725014	F7250 4 x 80mm Long Spine I 100mm Manifold 130mic with AC Controller	130 mic
AUF725015	F7250 4 x 80mm Long Spine I 100mm Manifold 200mic with AC Controller	200 mic
AUF725016	F7250 5 x 80mm Long Spine I 150mm Manifold 130mic with AC Controller	130 mic
AUF725017	F7250 5 x 80mm Long Spine I 150mm Manifold 200mic with AC Controller	200 mic



The NEW Rivulis F7250, with HybriDisc technology.

- 60% Higher effective filtration volume & dirt holding capacity
- 20% Higher flowrate per filtration element
- Lower initial pressure differential
- Less backflushes



F7250 Automatic Disc Filter | 3" Twin Pod Long

Product Number	Description	Micron
AUF725018	F7250 3 x 80mm TWIN Long Spine I 150mm Manifold 130mic with AC Controller	130 mic
AUF725019	F7250 3 x 80mm TWIN Long Spine I 150mm Manifold 200mic with AC Controller	200 mic
AUF725020	F7250 4 x 80mm TWIN Long Spine I 200mm Manifold 130mic with AC Controller	130 mic
AUF725021	F7250 4 x 80mm TWIN Long Spine I 200mm Manifold 200mic with AC Controller	200 mic
AUF725022	F7250 5 x 80mm TWIN Long Spine I 200mm Manifold 130mic with AC Controller	130 mic
AUF725023	F7250 5 x 80mm TWIN Long Spine I 200mm Manifold 200mic with AC Controller	200 mic
AUF725024	F7250 6 x 80mm TWIN Long Spine I 200mm Manifold 130mic with AC Controller	130 mic
AUF725025	F7250 6 x 80mm TWIN Long Spine I 200mm Manifold 200mic with AC Controller	200 mic
AUF725026	F7250 7x 80mm TWIN Long Spine I 200mm Manifold 130mic with AC Controller	130 mic
AUF725027	F7250 7x 80mm TWIN Long Spine I 200mm Manifold 200mic with AC Controller	200 mic



TECHNICAL DATA

Maximum flow rate per pod as per water quantity

Water quality	Flow rate per long filter pod @130 micron (120 mesh)	Flow rate per long filter pod @ 100 micron (150 mesh)
Good	30m ³ /h	25m ³ /h
Average	25m ³ /h	20m ³ /h
Poor	20m ³ /h	17m ³ /h

**Water quality for most Australian applications is considered to be of poor quality*

