ScreenGuard™

Manual, polymer screen filters

Netafim™ manual screen filters offer the largest filtration area in the industry. The result – better filtration efficiency, excellent irrigation uniformity and much less maintenance.



Wide filtration area

Labor saving

Long lasting

Benefits & Features

→ Wide filtration area

Huge filtration area prevent more dirt and sand particles from entering the irrigation system, reducing the risk of clogging. Ensuring superior operation even in harsh conditions. Prevents sediment intrusion and enhances system performance.

→ Labor saving

Lower labor cost due to longer cleaning intervals even in harsh water conditions.

→ Long lasting

Molded from high quality engineered polymers for mechanical strength, durability and no- corrosiveness.
Filter screen cylinder molded with stainless-steel 316L is incorporated with a special weave, providing an extra protective layer to the irrigation system, and easy maintenance.

→ Versatility

It covers a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
Multiple configurations and connection types and different micron rating screens enable to fit with any irrigation system.

Applications

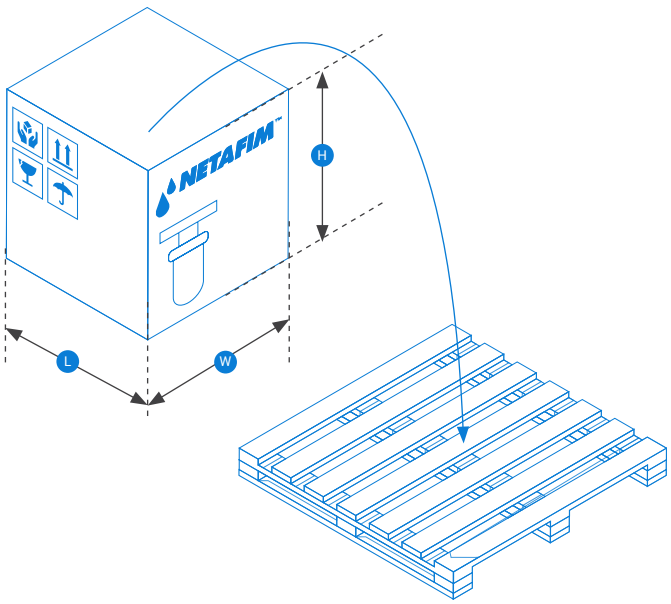
- Primary filtration, for use with well water and/or single use dripline/sprinkler/micro-sprinkler applications.
- Secondary filtration for media filter systems and sand separators.
- In-field secondary filters for enhanced protection.

Specifications

- Multiple filtration micron rating options and different models covering a wide range of flow rates ensures a perfect fit for different water quality and protection requirements.
- Multi connection types fit perfectly with any irrigation system.
- Maximum operating pressure: 10 bar / 145 psi.

→ Logistic data

Model		Connection type	Box					Palett				
			Units per box	Length (mm)	Height (mm)	Width (mm)	Gross weight per box (kg)	Boxes per pallet	Length (mm)	Height (mm)	Width (mm)	Gross weight per pallet (kg)
Tee filter	2" Mini	BSP / NPT	1	530	280	370	7	42	1110	2100	1150	310.5
	2" Regular	BSP / NPT	1	650	280	370	7.8	42	1300	2100	1150	344.6
	2" Jumbo	BSP / NPT	1	790	280	370	8.8	42	1650	2100	1150	391.6
	3" Regular	BSP / NPT / UNF / VIC	1	650	280	370	7.8 (NPT, BSP) 9.4 (UNF)	42	1300	2100	1150	344.6 (NPT, BSP) 411.8 (UNF)
	3" Jumbo	BSP / NPT / UNF / VIC	1	790	280	370	8.8 (NPT, BSP) 10.2 (UNF)	42	1650	2100	1150	391.6 (NPT, BSP) 450.4 (UNF)
Twin filter	3" Reg. Double	BSP / NPT / UNF / VIC	1	990	280	380	12.4 (NPT, BSP) 14 (UNF)	21	1000	2,100	1150	276.6 (NPT, BSP) 310.2 (UNF)
	3" Jumbo double	BSP / NPT / UNF / VIC	1	1230	280	380	14.4 (NPT, BSP) 16 (UNF)	21	1250	2100	150	319.2 (NPT, BSP) 352.8 (UNF)
	4" Reg. double	VIC / UNF	1	990	280	380	14.2	21	1000	2100	1150	314.4
	4" Jumbo double	VIC / UNF	1	1230	280	380	16.4	21	1250	2100	1150	361.2
	6" Jumbo double	VIC / UNF	1	2200	550	550	26	1	2200	710	570	54



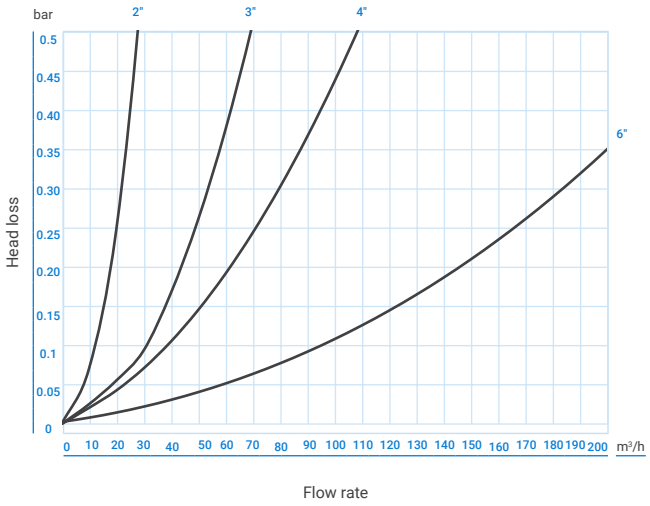
Technical information

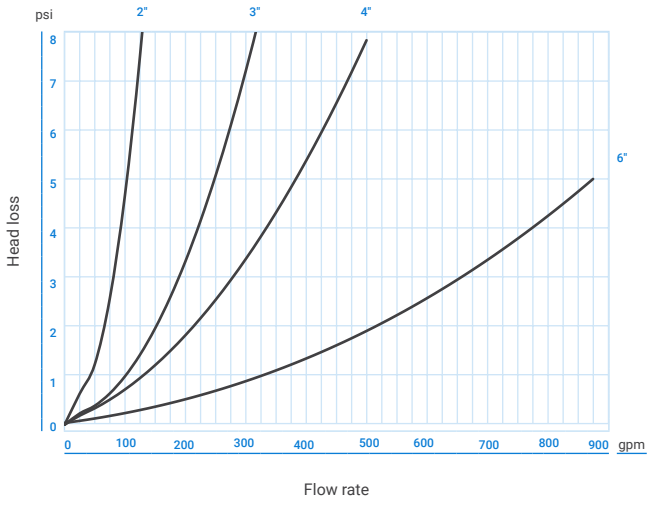
	Description	Filtration area (cm^2)	Available connection types	Maximum recommended flow rate (m^3/h)	Pressure rating (bar)
Tee Filter	2" Mini	810	BSP / NPT	15	10
	2" Regular	1210	BSP / NPT	20	10
	2" Jumbo	1610	BSP / NPT	25	10
	3" Regular	1210	BSP / NPT / UNF	25	10
	3" Jumbo	1610	BSP / NPT / UNF	30	10
Twin Filter	3" Double	2420	BSP / NPT / UNF	45	10
	3" Jumbo double	3220	BSP / NPT / UNF	50	10
	4" Double	2420	UNF / VIC	60	10
	4" Jumbo double	3220	UNF / VIC	75	10
	6" Jumbo double	5500	UNF / VIC	120	10

Material information

Part	Material
Body	GRP
Seal	NBR
Screen	SST
Drain valve	PVC

Head loss





Catalog numbers

Catalog number starting with 71970 **+ (any of bellow 6 digits)**

	Model	100 mic.				130 mic.				200 mic.			
		BSP	NPT	UNF	VIC	BSP	NPT	UNF	VIC	BSP	NPT	UNF	VIC
Tee filter	2" Mini	000100	000110	n/a	n/a	000101	000111	n/a	n/a	000102	000112	n/a	n/a
	2" Regular	000120	000130	n/a	n/a	000121	000131	n/a	n/a	000122	000132	n/a	n/a
	2" Jumbo	000140	000150	n/a	n/a	000141	000151	n/a	n/a	000142	000152	n/a	n/a
	3" Regular	000200	000210	000220	n/a	000201	000211	000221	n/a	000202	000212	000222	n/a
	3" Jumbo	000230	000240	000250	n/a	000231	000241	000251	n/a	000232	000242	000252	n/a
Twin filter	3" Double	000260	000270	000280	n/a	000261	000271	000281	n/a	000262	000272	000282	n/a
	3" Jumbo double	000290	000300	000310	n/a	000291	000301	000311	n/a	000292	000302	000312	n/a
	4" Double	n/a	n/a	000320	-	n/a	n/a	000321	-	n/a	n/a	000322	-
	4" Jumbo double	n/a	n/a	000330	-	n/a	n/a	000331	-	n/a	n/a	000332	-
	6" Jumbo double	n/a	n/a	000001	000004	n/a	n/a	000002	000005	n/a	n/a	000003	000006

- For other filtration grades, please contact Netafim™ representative

ScreenGuard™

Manual, polymer mini screen filters

Netafim™ manual mini screen filters offer high quality filters with large filtration area and high efficiency for ease of installation and less maintenance.



Wide filtration area

Labor saving

Long lasting

Benefits & Features

→ Wide filtration area

Huge filtration area prevent more dirt and sand particles from entering the irrigation system, reducing the risk of clogging. Ensuring superior operation even in harsh conditions. Prevents sediment intrusion and enhances system performance.

→ Labor saving

Lower labor cost due to longer cleaning intervals even in harsh water conditions.

→ Long lasting

Molded from high quality engineered polymers for mechanical strength, durability and no- corrosiveness.
Filter screen cylinder molded with stainless-steel 316L is incorporated with a special weave, providing an extra protective layer to the irrigation system, and easy maintenance.

→ Versatility

It covers a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements.
Multiple configurations and connection types and different micron rating screens enable to fit with any irrigation system.

Applications

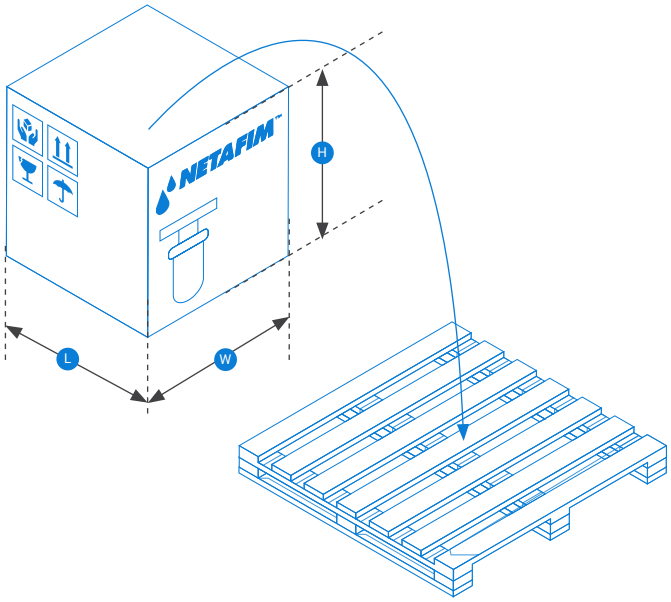
- Small holders with relatively low flow rate. Primary filtration, for use with well water and/or single use dripline/sprinkler/micro-sprinkler applications.
- Secondary filtration for media filter systems and sand separators.
- In-field secondary filters for enhanced protection.
- Fertilizer tanks and injection systems.

Specifications

- Multiple filtration micron rating options and different models covering a wide range of flow rates ensures a perfect fit for different water quality and protection requirements.
- Threaded connection types fit with any irrigation system.
- Maximum operating pressure: 8 bar / 116 psi.

Logistic data

Model	Box					Pallet				
	Units per box (units)	Length (mm)	Height (mm)	Width (mm)	Gross weight per box (kg)	Boxes per pallet (units)	Length (mm)	Height (mm)	Width (mm)	Gross weight per pallet (kg)
¾"	25	740	240	345	7.2	42	1500	1900	1150	326
1"					7.6					342
1" Long	15				11.3					498
1.5"					11.9					522
1.5" Long	5				6.9					312
2"					7.0					318



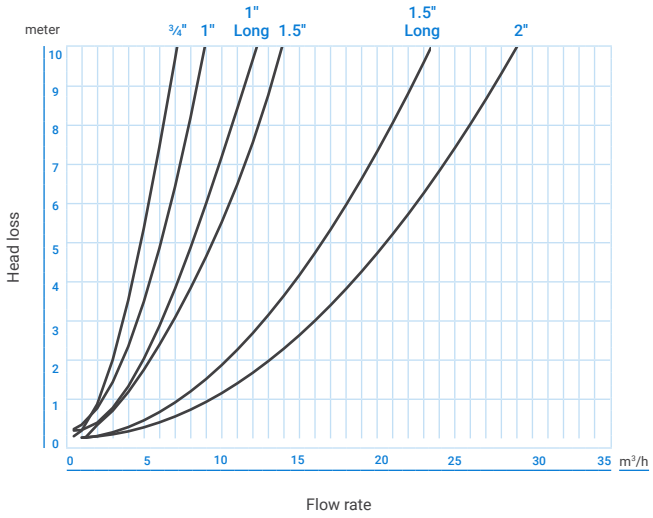
Technical information

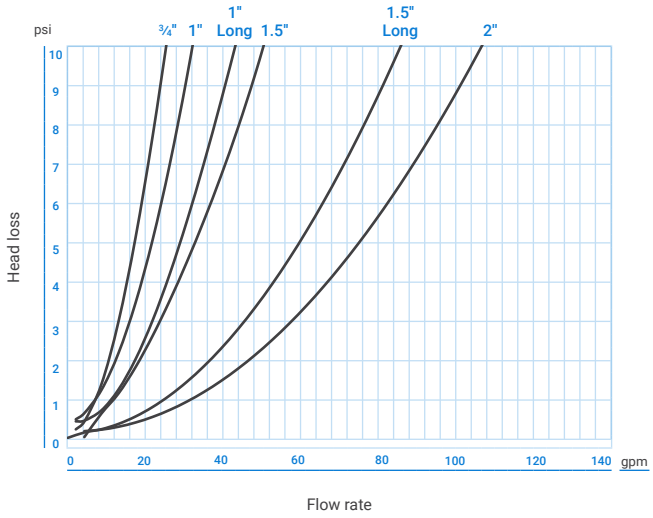
Description	Filtration area (cm^2)	Available connection types	Maximum recommended flow rate (m^3/h)	Pressure rating (bar)
¾"	165	BSP / NPT	3.5	8
1"			4.5	
1" Long	300		6	
1.5"			7	
1.5" Long	515		12.5	
2"			16	

Material information

Part	Material
Body	PP
Cover	PP
Screen	ST 316
Seal	NBR

→ Head loss





→ Catalog numbers

Catalog number starting with 71970 **+ (any of bellow 6 digits)**

Model	100 mic.		130 mic.		200 mic.	
	BSP	NPT	BSP	NPT	BSP	NPT
¾"	000850	000853	000851	000854	000852	000855
1"	000860	000863	000861	000864	000862	000865
1" Long	000870	000873	000871	000874	000872	000875
1.5"	000880	000883	000881	000884	000882	000885
1.5" Long	000890	000893	000891	000894	000892	000895
2"	000900	000903	000901	000904	000902	000905

For other filtration grades, please contact Netafim™ representative