

ScreenGuard™

MANUAL, POLYMER MINI SCREEN FILTERS

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



Durable materials



Simple to operate



Ease of operation

/ Benefits & Features

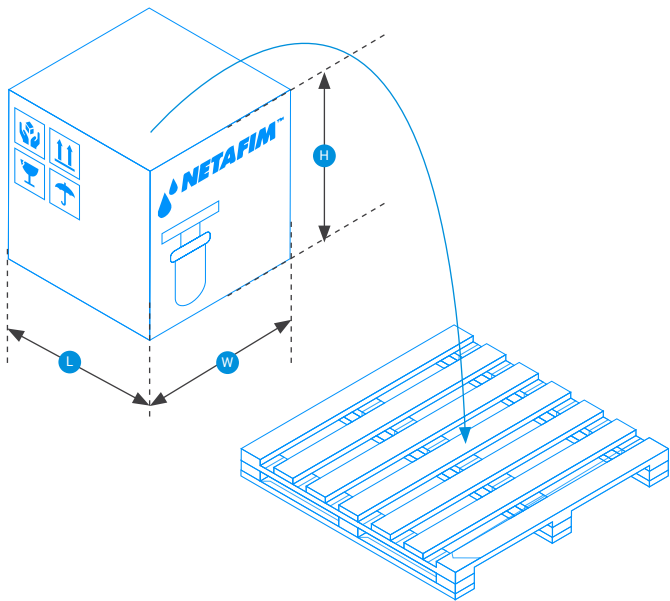
- Large filtration area Results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- Filter housing and cover Molded from high quality durable materials for mechanical strength and non-corrosiveness
- Stainless steel 316L screen Long lasting filter screen cylinder
- A "Y" shape model With multiple filtration area options covering a wide range of flow rates
- Two options threads Available in BSP and NPT threads
- Different micron rating screens Suited to a variety of applications
- Maximum operating pressure 8bar

/ Applications

- ✓ Small holders with low flow rate
- ✓ In-field secondary filtration in protected crops
- ✓ Landscape
- ✓ Fertilizer tanks

→ Logistic Data

Model	Box					Pallet (Including the Pallet)				
	Qty. in Box (units)	L Length (mm)	H Height (mm)	W Width (mm)	Gross Weight Per Box (kg)	Qty. of Boxes in Pallet (units)	Length (mm)	Height (mm)	Width (mm)	Gross Weight per Pallet (kg)
¾"	25	740	240	345	7.2	42	1,500	1,900	1,150	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



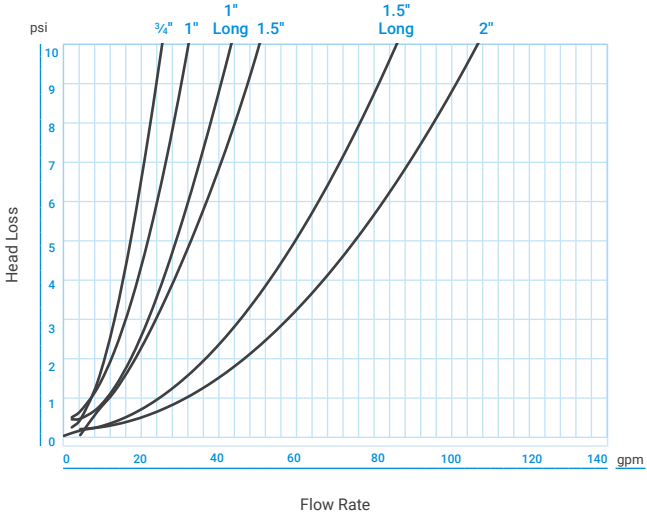
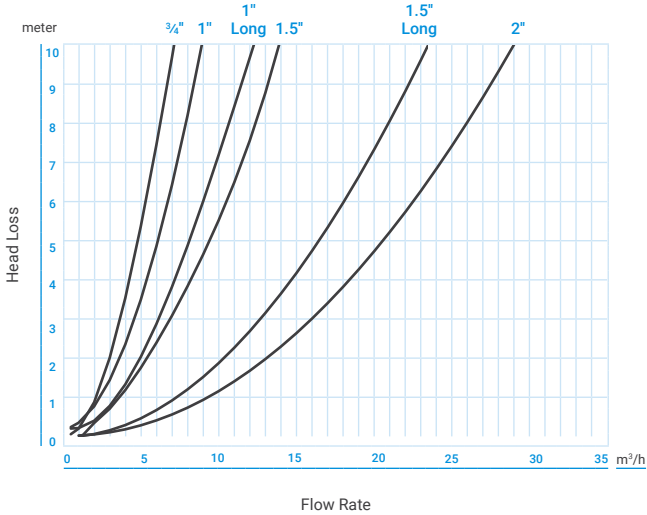
→ Technical Information

Description	Filtration Area (cm²)	Available Connection Types	Maximum Recommended Flow Rate (m³/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
3/4"	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

ScreenGuard™

MANUAL POLYMER SCREEN FILTERS

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



Corrosion & UV
resistance



Large
filtration area



Ease of
operation

/ Benefits & Features

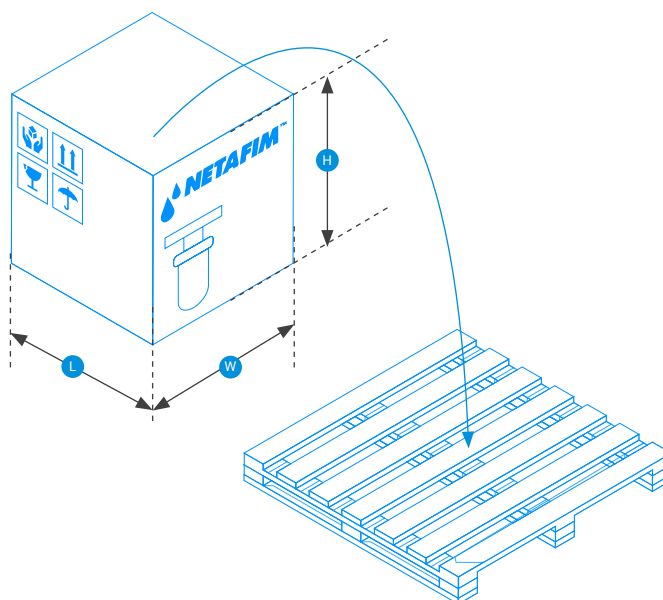
- **Large filtration area** The extremely large filtration area results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Semi-automatic feature** Can be assembled into the filter
- **Extra protective layer** Filter screen cylinder molded with stainless-steel 316L screen with special weave incorporated allowing additional protection and easy maintenance
- **Plastic filter housing & cover** Molded from high quality engineered plastic for mechanical strength, durability, and non-corrosiveness
- **Multiple filtration area options** Variety of models covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements
- **Multiple configurations** Fits perfectly with any irrigation system thanks to different configuration and connection types
- **Different micron rating screens** Suited to a variety of applications
- **Made to last** Highly reliable operation and durable over time with maximum operating pressure of 10bar / 145psi

/ Applications

- ✓ Primary filtration for small holders, for use with well water and/or single use dripperline applications
- ✓ Primary filtration for landscaping applications
- ✓ Secondary filtration for media filter systems and sand separators
- ✓ In-field secondary filters for enhanced protection

→ Logistic Data

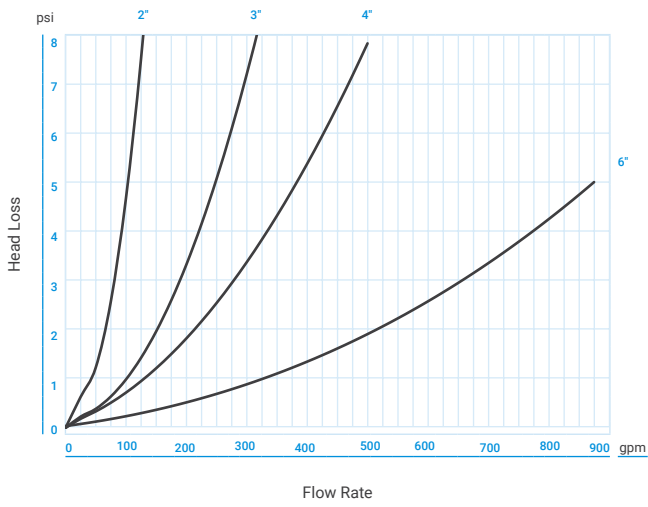
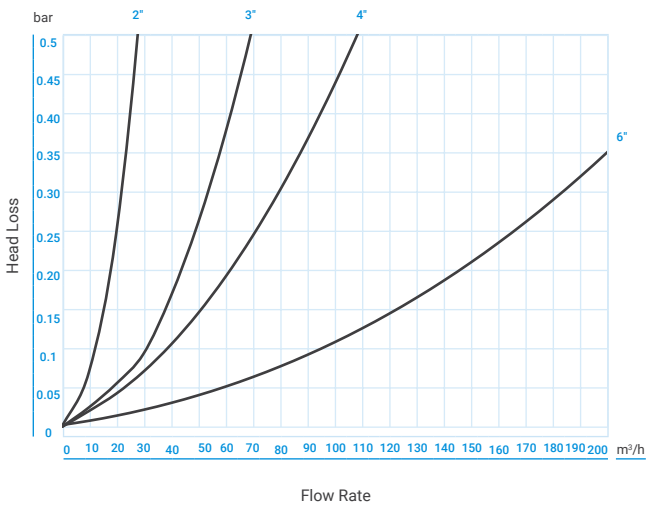
Model		Connection Type	Box					Palett (Dimensions Incude Full Pallet Content + The Pallet)				
			Qty. In Box	Length (mm) L	Height (mm) H	Width (mm) W	Gross Weight per Box (kg)	Qty. of Boxes in Pallet	Length (mm)	Height (mm)	Width (mm)	Gross Weight P. Pallet (kg)
Tee Filter	2" Mini	BSP / NPT	1	530	280	370	7	42	1,110	2,100	1,150	310.5
	2" Regular	BSP / NPT	1	650	280	370	7.8	42	1,300	2,100	1,150	344.6
	2" Jumbo	BSP / NPT	1	790	280	370	8.8	42	1,650	2,100	1,150	391.6
	3" Regular	BSP / NPT / UNF / VIC	1	650	280	370	7.8 (NPT, BSP) 9.4 (UNF)	42	1,300	2,100	1,150	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	1,650	2,100	1,150	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	1,000	2,100	1,150	276.6 (NPT, BSP) 310.2 (UNF)
	3" Jumbo double	BSP / NPT / UNF / VIC	1	1,230	280	380	14.4 (NPT, BSP) 16 (UNF)	21	1,250	2,100	1,150	319.2 (NPT, BSP) 352.8 (UNF)
	4" Reg. double	VIC / UNF	1	990	280	380	14.2	21	1,000	2,100	1,150	314.4
	4" Jumbo double	VIC / UNF	1	1,230	280	380	16.4	21	1,250	2,100	1,150	361.2
	6" Jumbo double	VIC / UNF	1	2,200	550	550	26	1	2,200	710	570	54



→ Technical Information

Description		Filtration Area (cm ²)	Available Connection Types	Maximum rec. Flow Rate (m ³ /h)	Pressure Rating (bar)
Tee Filter	2" Mini	810	BSP / NPT	15	10
	2" Regular	1,210	BSP / NPT	20	10
	2" Jumbo	1,610	BSP / NPT	25	10
	3" Regular	1,210	BSP / NPT / UNF	25	10
	3" Jumbo	1,610	BSP / NPT / UNF	30	10
Twin Filter	3" Double	2,420	BSP / NPT / UNF	45	10
	3" Jumbo double	3,220	BSP / NPT / UNF	50	10
	4" Double	2,420	UNF / VIC	60	10
	4" Jumbo double	3,220	UNF / VIC	75	10
	6" Jumbo double	5,500	UNF / VIC	120	10

→ 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

→ Material Info.

Part	Material
Body	GRP
Seal	NBR
Screen	SST
Drain valve	PVC