

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.



High corrosion
and UV resistance



Large
filtration area



User
friendly

/ Benefits & Features

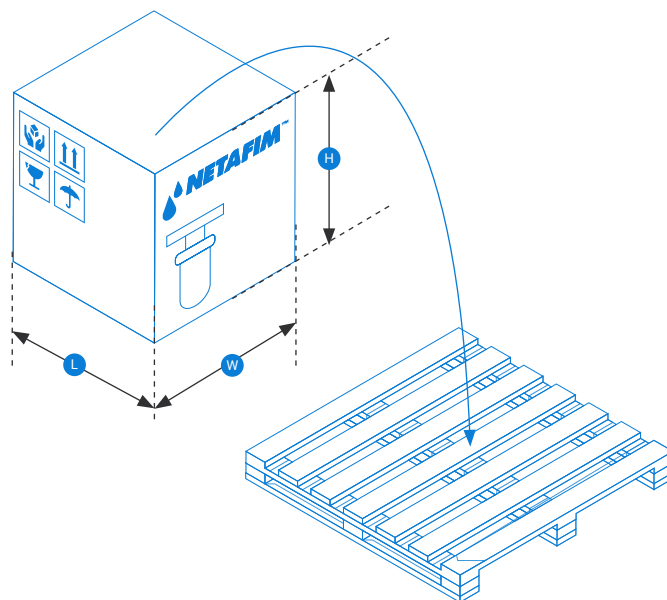
- **Wide filtration area** Results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Filter housing and cover** Molded from high quality durable materials for mechanical strength and non-corrosiveness
- **Stainless steel 316L screen** Long lasting filter screen cylinder
- **A "Y" shape model** With multiple filtration area options covering a wide range of flow rates
- **Connection Type** Available in NPT threads
- **Different micron rating screens** Suited to a variety of applications
- **Maximum operating pressure** 115 psi

/ Applications

- Smaller plots/acreage, Low flow rates
- Primary filtration for Landscape and Sprinklers applications
- Secondary filtration for protected crops and in-field for enhanced protection
- Fertilizer tanks

→ Logistic Data

Model	Box					Pallet (Including the Pallet)				
	Qty. in Box (units)	L Length (in)	H Height (in)	W Width (in)	Gross Weight Per Box (lb)	Qty. of Boxes in Pallet (units)	Length (in)	Height (in)	Width (in)	Gross Weight per Pallet (lb)
¾"	25	29.1	9.5	13.6	15.9	42	59	75	45	719
1"					16.8					754
1" Long	15				24.9					1098
1.5"					26.2					1150
1.5" Long	5				15.2					688
2"					15.4					701



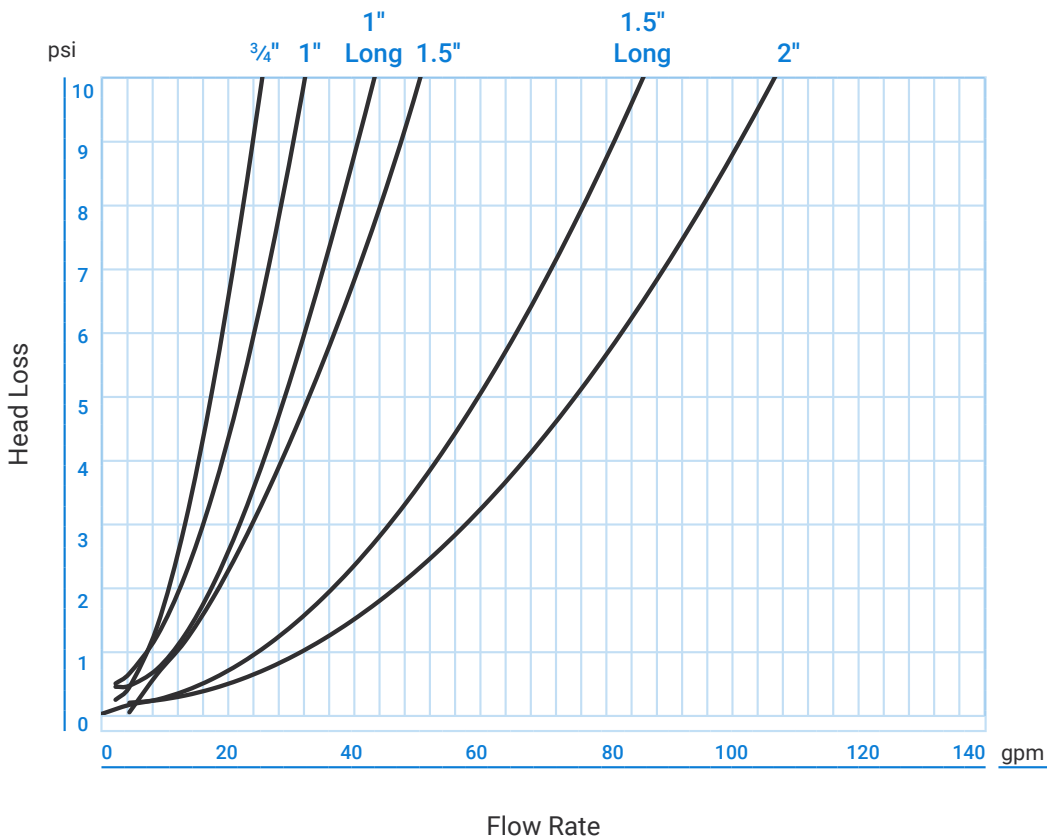
→ Technical Information

Description	Filtration Area (in²)	Available Connection Types	Maximum Recommended Flow Rate (gpm)	Pressure Rating (psi)
¾"	26	NPT	15	115
1"			20	
1" Long	47		26	
1.5"			31	
1.5" Long	80		55	
2"			70	

→ 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)

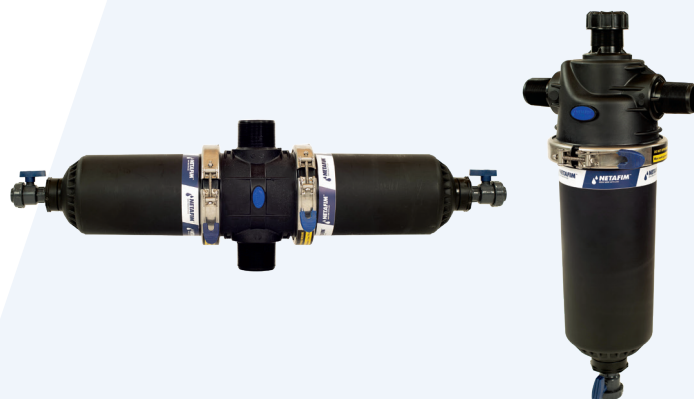
Model	150 Mesh	120 Mesh	80 Mesh
	NPT	NPT	NPT
3/4"	000853	000854	000855
1"	000863	000864	000865
1" Long	000873	000874	000875
1.5"	000883	000884	000885
1.5" Long	000893	000894	000895
2"	000903	000904	000905

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.



High corrosion
and UV resistance



Large
filtration area



User
friendly

/ Benefits & Features

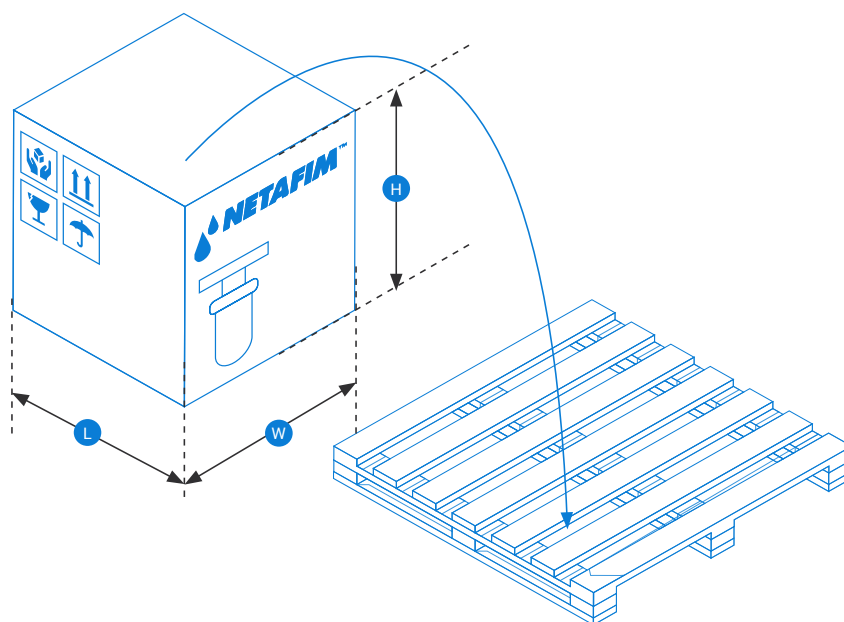
- **Wide filtration area** The extremely large filtration area results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Semi-automatic feature** Can be assembled into the filter
- **Extra protective layer** Filter screen cylinder molded with stainless-steel 316L 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 145psi

/ Applications

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

→ Logistic Data

Model		Connection Type	Box					Palett (Dimensions Include Full Pallet Content + The Pallet)				
			Qty. In Box	Length (in) L	Height (in) H	Width (in) W	Gross Weight per Box (lbs)	Qty. of Boxes in Pallet	Length (in)	Height (in)	Width (in)	Gross Weight P. Pallet (lbs)
Tee Filter	2" Mini	NPT	1	21	11	15	15	42	44	83	45	683
	2" Regular	NPT		26			17		51			760
	2" Jumbo	NPT		31			19		65			863
	3" Regular	NPT/GRV/FLG		26			17/21		51			760/908
	3" Jumbo	NPT/GRV/FLG		31			19/23		65			863/993
Dual Filter	3" Reg Twin	NPT/GRV/FLG	1	39	11	15	27/31	21	39	83	45	608/684
	3" Jumbo Twin	NPT/GRV/FLG		48			32/35		49			704/778
	4" Reg Twin	GRV/FLG		39			31		39			693
	4" Jumbo Twin	GRV/FLG		48			36		49			796
	6" Jumbo Twin	GRV/FLG		87	22	22	57	1	87	28	23	119

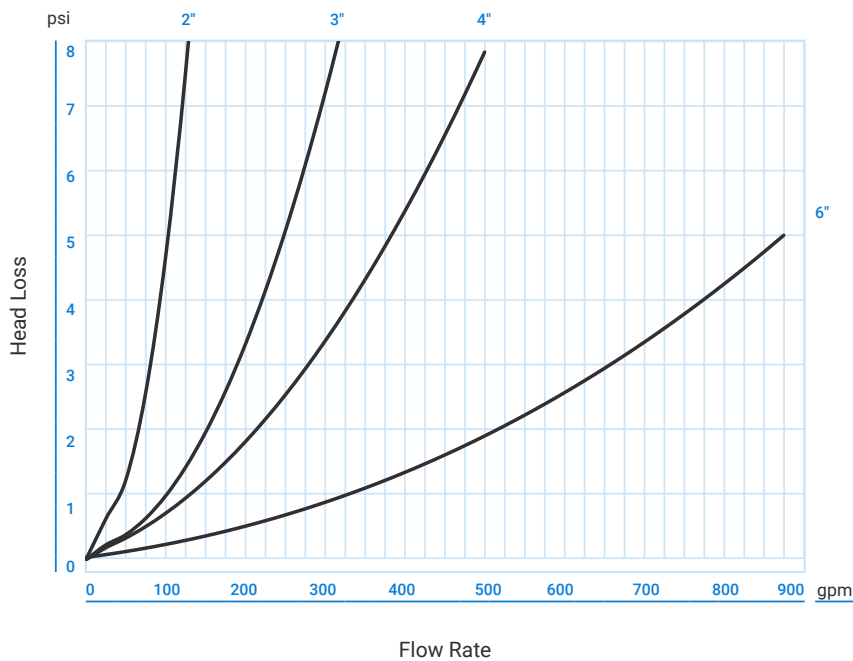


→ Technical Information

Description		Connection Type	Filtration Area (in ²)	Maximum rec. Flow Rate (gpm)	Pressure Rating (psi)
Tee Filter	2" Mini	NPT	126	66	145
	2" Regular	NPT	188	88	
	2" Jumbo		250	110	
	3" Regular		188	110	
	3" Jumbo	NPT/GRV/FLG	250	132	
Dual Filter	3" Reg Twin	NPT/GRV/FLG	375	198	
	3" Jumbo Twin		500	220	
	4" Reg Twin	GRV/FLG	375	264	
	4" Jumbo Twin		500	330	
	6" Jumbo Twin		853	528	

→ Material Info.

Part	Material
Body	GRP
Seal	NBR
Screen	SST
Drain valve	PVC



→ Catalog Numbers

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

Model		150 Mesh		120 Mesh		80 Mesh	
		NPT	UNF/GRV	NPT	UNF/GRV	NPT	UNF/GRV
Tee Filter	2" Mini	000110	n/a	000111	n/a	000112	n/a
	2" Regular	000130	n/a	000131	n/a	000132	n/a
	2" Jumbo	000150	n/a	000151	n/a	000152	n/a
	3" Regular	000210	000220	000211	000221	000212	000222
	3" Jumbo	000240	000250	000241	000251	000242	000252
Dual Filter	3" Double	000270	000280	000271	000281	000272	000282
	3" Jumbo double	000300	000310	000301	000311	000302	000312
	4" Double	n/a	000320	n/a	000321	n/a	000322
	4" Jumbo double	n/a	000330	n/a	000331	n/a	000332
	6" Jumbo double	n/a	000001	n/a	000002	n/a	000003

- For other filtration grades, please contact Netafim



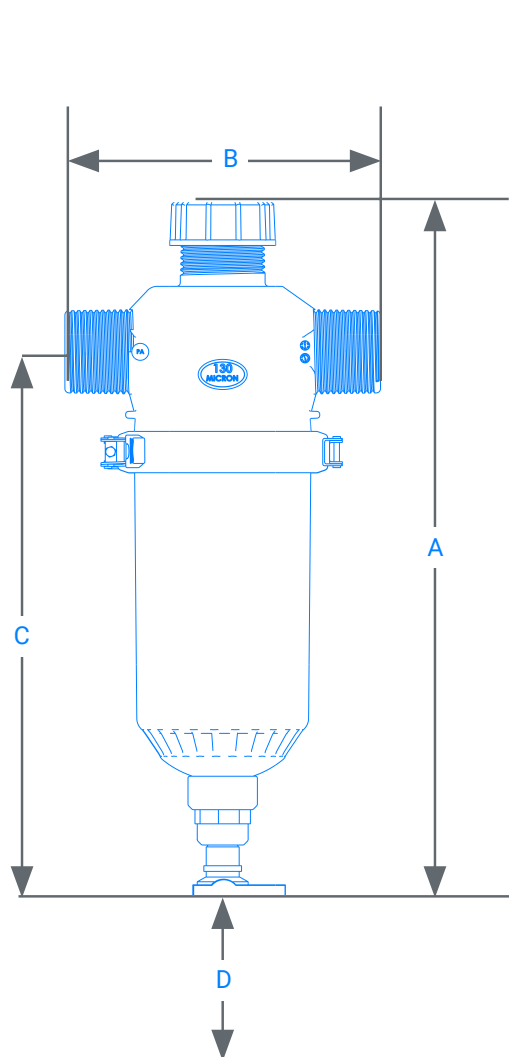
Precision
Agriculture

Want to know more?
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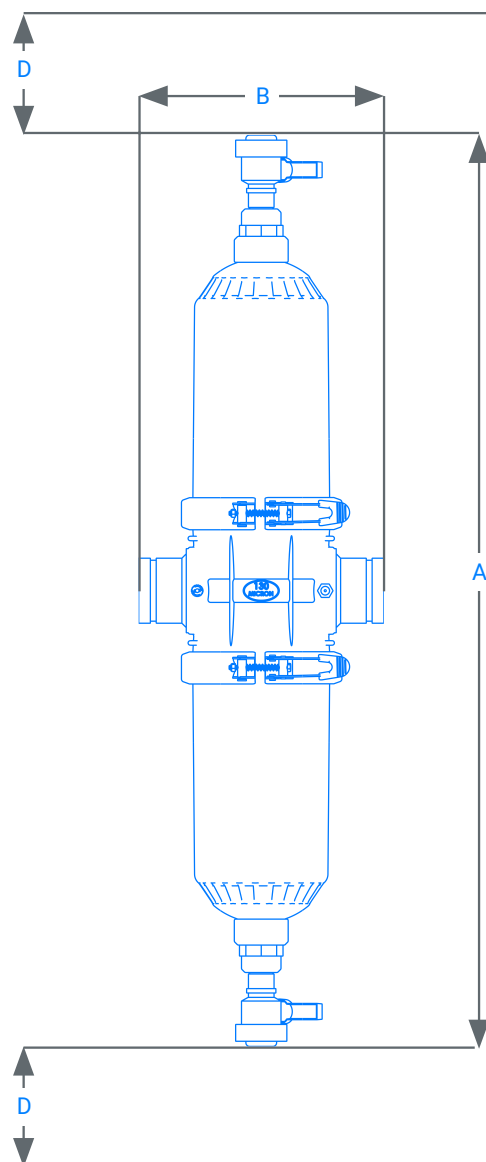


→ Dimension Data

Description		Connection Type	A	B		C	D
			Inch	Inch		Inch	Inch
				NPT/GRV	UNF		
Tee Filter	2" Mini	NPT	23.6	13.2	-	17.7	8.9
	2" Regular	NPT	28.7			22.4	13.8
	2" Jumbo	NPT	33.5			27.2	18.3
	3" Regular	NPT/GRV/FLG	28.7		13.4	22.4	13.8
	3" Jumbo	NPT/GRV/FLG	33.5			27.2	18.3
Dual Filter	3" Reg Twin	NPT/GRV/FLG	44.7	14.4	14.6		13.8
	3" Jumbo Twin	NPT/GRV/FLG	54.1				18.3
	4" Reg Twin	GRV/FLG	44.7				13.8
	4" Jumbo Twin	GRV/FLG	54.1				18.3
	6" Jumbo Twin	GRV/FLG	71.5	18.2	18.3		23.5



Tee Filter



Dual Filter

ScreenGuard™

SEMI-AUTO POLYMER SCREEN FILTERS

Filters that provide the industry's best filtration efficiency and allow super-easy cleaning of the screen without opening the filter or shutting of water.



/ Benefits & Features



High corrosion
and UV resistance



Large
filtration area



User
friendly

- **Wide filtration area** Results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Low maintenance**
 - Simple to clean, the screen can be perfectly cleaned with a single turn of the handle without disassembling the filters and without disrupting the irrigation process
 - Ease of installation and maintenance
- **Sturdy and durable** Molded from high quality engineered plastic for mechanical strength, durability and no- corrosiveness
- **Semi-automatic** Can be installed on all Netafim manual Screenguard™ plastic filters
- **Extra protective** 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
- **Multiple filter area** Covers a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements
- **Versatile** Multiple configurations and connection types and different micron rating screens enable to fit with any irrigation system

/ Applications

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



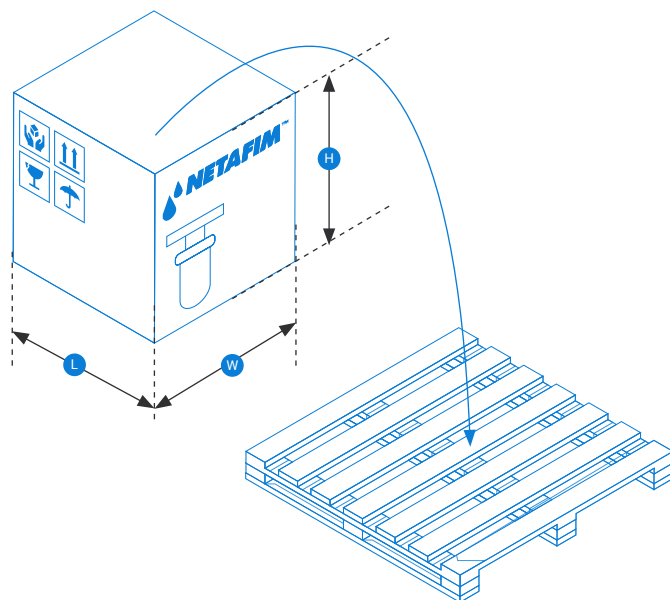
Precision
Agriculture

Want to know more?
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→ Logistic Data

Model	Connection Type	Box					Palett (Dimensions include 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 per Pallet (kg)
Tee Filter	2" Regular	1	31	11	15	20	42	65	83	45	900
	2" Jumbo		36			23	28	51			667
	3" Regular		31			21/23	42	65			919/1030
	3" Jumbo		36			23/26	28	51			680/766
Dual Filter	3" Reg Twin	1	55	11	15	36/39	21	57	83	45	803/868
	3" Jumbo Twin		64			41/44		65			910/974
	4" Reg Twin		55			40		57			887
	4" Jumbo Twin		64			45		65			993
	6" Jumbo Twin		87	22	22	65	1	87	28	23	127



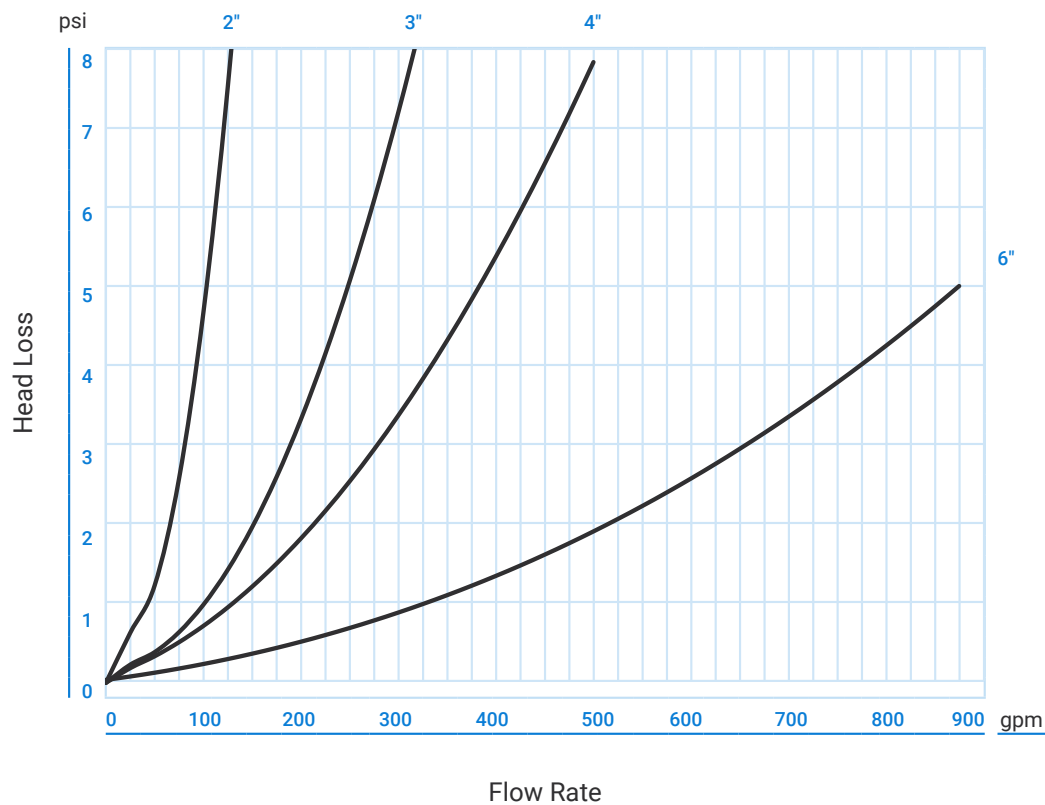
→ Technical Information

Description	Available Connection Types	Filtration Area (in ²)	Maximum Recommended Flow Rate (gpm)	Min. Pressure During the Backflush (psi)	Pressure Rating (psi)
Tee Filter	NPT	188	88	29	145
		250	110		
	NPT/GRV/FLG	188	110		
		250	132		
Dual Filter	NPT/GRV/FLG	375	198		
		500	220		
	GRV/FLG	375	264		
		500	330		
		853	528		

→ Material Specifications

Part	Material
Body	GRP
Seal	NBR
Screen	SST
Drain valve	PVC

→ Head Loss



→ Catalog Numbers

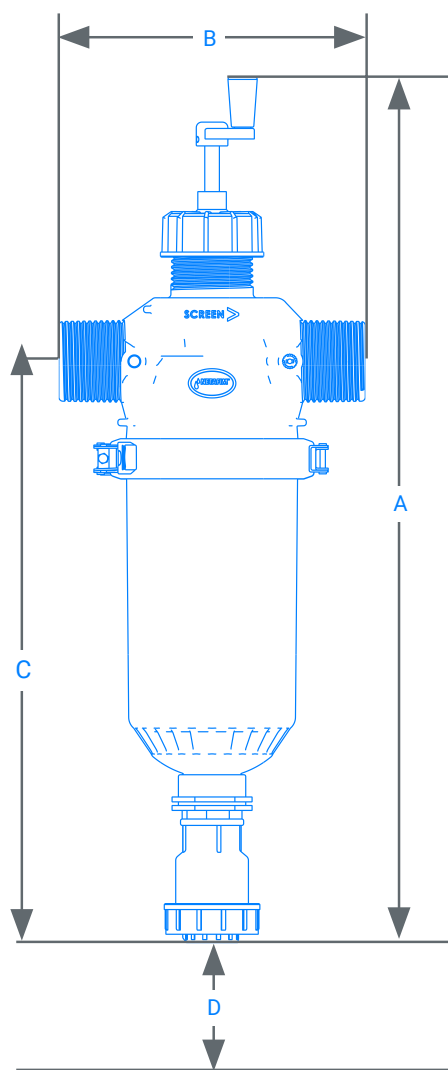
Catalog number starting with 71970 + (any of bellow 6 digits)

Model		150 Mesh		120 Mesh		80 Mesh	
		NPT	UNF/GRV	NPT	UNF/GRV	NPT	UNF/GRV
Tee Filter	2" Regular	000510	n/a	000511	n/a	000512	n/a
	2" Jumbo	000530	n/a	000531	n/a	000532	n/a
	3" Regular	000550	000560	000551	000561	000552	000562
	3" Jumbo	000580	000590	000581	000591	000582	000592
Dual Filter	3" Double	000610	000620	000611	000621	000612	000622
	3" Jumbo double	000640	000650	000641	000651	000642	000652
	4" Double	n/a	000660	n/a	000661	n/a	000662
	4" Jumbo double	n/a	000670	n/a	000671	n/a	000672
	6" Jumbo double	n/a	000007	n/a	000008	n/a	000009

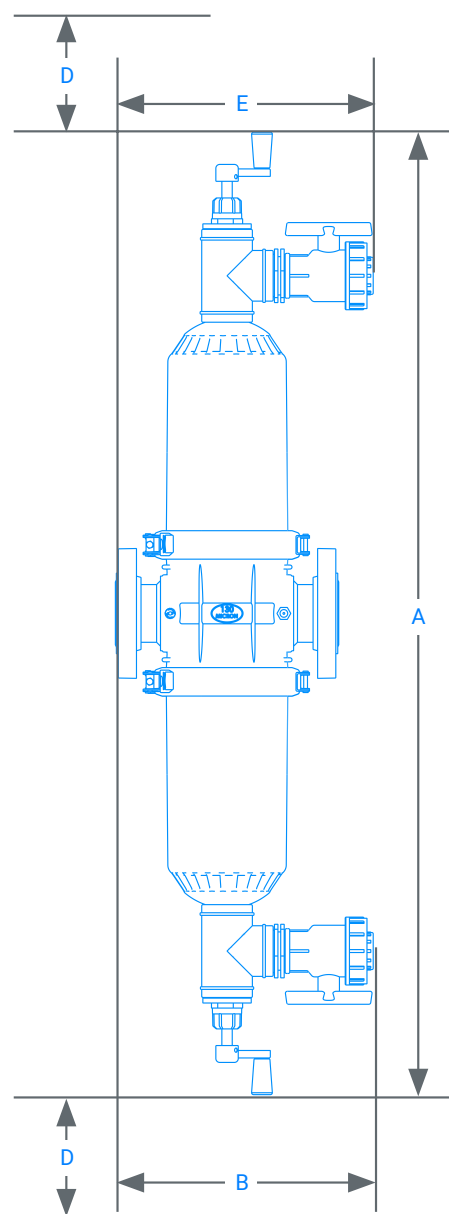
For other filtration grades, please contact Netafim

→ Dimension Data

Description		Connection Type	A	B		C	D	E
			Inch	Inch		Inch	Inch	Inch
				NPT/GRV	UNF			
Tee Filter	2" Regular	NPT	38.6	13.2	-	17.7	8.9	
	2" Jumbo	NPT	43.3			22.4	13.8	
	3" Regular	NPT/GRV/FLG	38.6		13.4	27.2	18.3	
	3" Jumbo	NPT/GRV/FLG	43.3			22.4	13.8	
Dual Filter	3" Reg Twin	NPT/GRV/FLG	60.4	14.4	14.6	27.2	18.3	16.1
	3" Jumbo Twin	NPT/GRV/FLG	70				13.8	16.1
	4" Reg Twin	GRV/FLG	60.4				18.3	16.1
	4" Jumbo Twin	GRV/FLG	70				13.8	16.1
	6" Jumbo Twin	GRV/FLG	99.9	18.2	18.3		18.3	23.5



Tee Filter



Dual Filter

