

ScreenGuard™

SEMI-AUTO IN LINE METAL SCREEN FILTERS

Semi-Automatic In Line screen filters offer high corrosion and UV protection with large filtration area and cleaning mechanism which allows super-easy cleaning of the screen.



Corrosion & UV
resistance



Large
filtration area



Ease of
operation

/ Benefits & Features

- **Large filtration area** Results in lower labor cost due to less back flush events even in harsh water conditions
- **A semi-automatic feature** Thanks to its cleaning mechanism, the screen can be perfectly cleaned with a single turn of the handle without disassembling the filters and without disrupting the irrigation process
- **Better longevity** The Filter screen cylinder is molded with stainless-steel 316L screen for better longevity
- **Outstanding corrosion protection** The filter housing is coated with dual layers for better UV and corrosion protection
- **A wide range of models** With multiple filtration area options covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements
- **Versatile** Different micron rating screens suit a variety of applications
- **Made to last** Highly reliable and durable operation 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



Precision
Agriculture

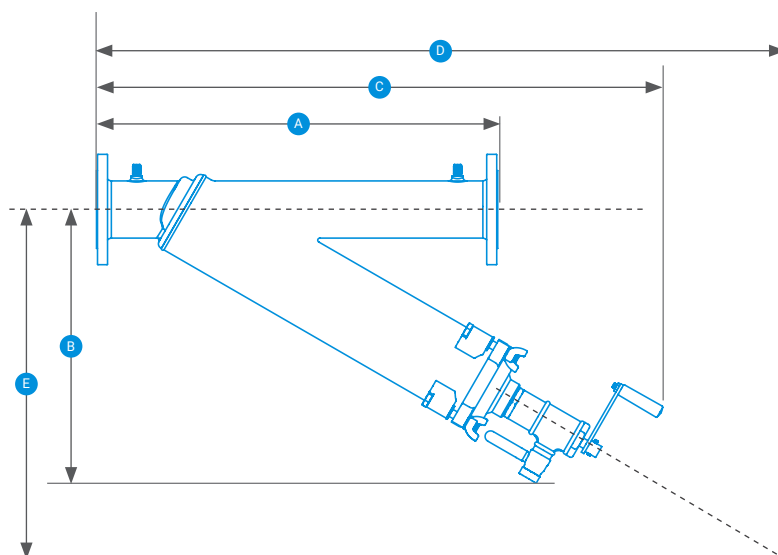
Want to know more?
products_solutions@netafim.com



→ Technical Dimensions

Connection Diameter	A (mm)	B (mm)	C (mm)	D (mm)*	E (mm)*
1½"	420	373	625	802	550
2"	420	373	602	778	550
3"	600	434	891	1,324	685
4"	800	545	1,126	1,775	920
6"	900	611	1,041	1,445	942
8"	1,000	777	1,477	2,378	1,293

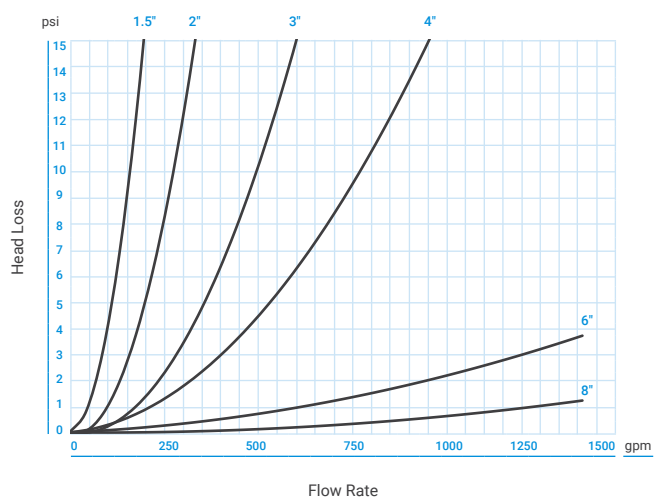
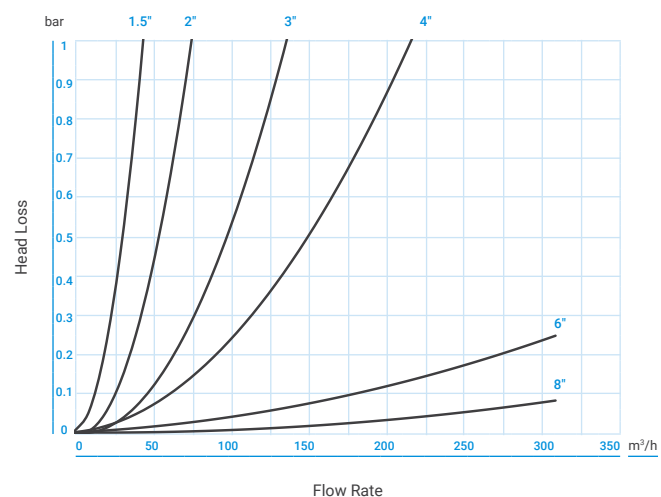
* Minimum distance to draw screen



→ Technical Information

Model	Filtration Area (cm ²)	Available Connection Types	Maximum Recommended Flow Rate (m ³ /h)	Pressure Rating (bar)
1½"	850	BSP / NPT	15	10
2"	850	BSP / NPT / VIC	25	10
3"	1,700	BSP / NPT / VIC / ANSI / ISO / BSTD	50	10
4"	2,550	VIC / ANSI / ISO / BSTD	80	10
6"	4,000	VIC / ANSI / ISO / BSTD	160	10
8"	6,350	VIC / ANSI / ISO10 / VIC16 / BSTD	250	10

→ Head Loss



→ **Logistic Data**

Catalog number starting with 71980 + (any of bellow 6 digits)

Model	Conn. Type	100 mic.	130 mic.	200 mic.	Qty. in Box	Box				Pallet				
						Length (mm)	Width (mm)	Height (mm)	Gross Weight per Box (kg)	Qty. of Boxes in Pallet	Length (mm)	Width (mm)	Height (mm)	Gross Weight per Pallet (kg)
1½"	BSP	00830	000832	000834	1	500	500	220	10	30	1,500	1,020	1,100	300
	NPT	00831	000833	000835		500	500	220	10	30	1,500	1,020	1,100	300
2"	BSP	000841	000844	000847		500	500	220	10	30	1,500	1,020	1,100	300
	NPT	000842	000845	000848		500	500	220	10	30	1,500	1,020	1,100	300
	Grooved	000840	000843	000846		500	500	220	10	30	1,500	1,020	1,100	300
3"	BSP	000860	000866	000872		780	600	220	20	20	1,560	1,200	1,100	400
	NPT	000861	000867	000873		780	600	220	20	20	1,560	1,200	1,100	400
	Grooved	000862	000868	000874		780	600	220	20	20	1,560	1,200	1,100	400
	ISO	000863	000869	000875		780	600	220	29	20	1,560	1,200	1,100	580
	BSTD	000865	000871	000877		780	600	220	29	20	1,560	1,200	1,100	580
	ANSI	000864	000870	000876		780	600	220	29	20	1,560	1,200	1,100	580
4"	Grooved	000890	000894	000902		1,020	730	220	27	10	1,500	1,020	1,100	270
	ISO	000891	000895	000903		1,020	730	220	37	10	1,500	1,020	1,100	370
	BSTD	000893	000901	000905		1,020	730	220	37	10	1,500	1,020	1,100	370
	ANSI	000892	000900	000904		1,020	730	220	37	10	1,500	1,020	1,100	370
6"	Grooved	000910	000914	000918		1,090	790	375	70	1	1,090	790	375	70
	ISO	000911	000915	000919		1,090	790	375	84	1	1,090	790	375	84
	BSTD	000913	000917	000921		1,090	790	375	84	1	1,090	790	375	84
	ANSI	000912	000916	000920		1,090	790	375	84	1	1,090	790	375	84
8"	Grooved	000930	000935	000940		1,390	990	375	92	1	1,390	990	375	92
	ISO10	000931	000936	000941		1,390	990	375	108	1	1,390	990	375	108
	ISO16	000932	000937	000942		1,390	990	375	108	1	1,390	990	375	108
	BSTD	000934	000939	000944		1,390	990	375	108	1	1,390	990	375	108
	ANSI	000933	000938	000943		1,390	990	375	108	1	1,390	990	375	108

For other filtration grade, please contact Netafim representative