

ScreenGuard™

SEMI-AUTO ON LINE METAL SCREEN FILTERS

Semi-Automatic On 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

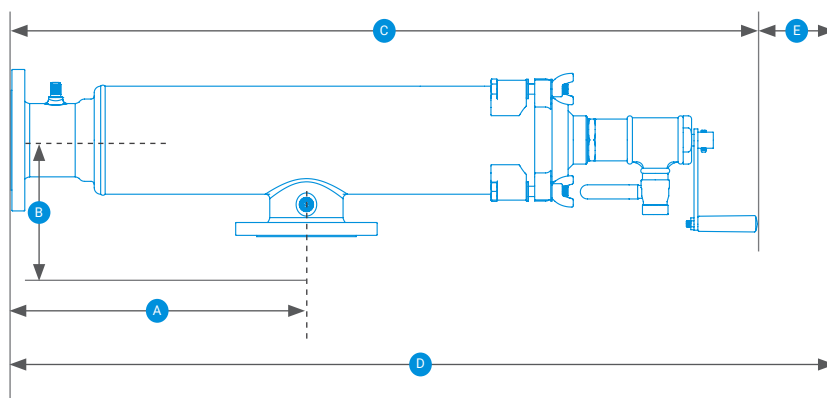
Want to know more?
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→ Technical Dimensions

Connection Diameter	A (mm)	B (mm)	C (mm)	D (mm)*	E (mm)*
1 1/2"	210	150	667	917	250
2"	210	150	653	903	250
3"	340	150	920	1,410	490
4"	460	150	1,161	1,911	750
6"	450	250	1,226	1,916	690
8"	630	250	1,690	2,750	1,060

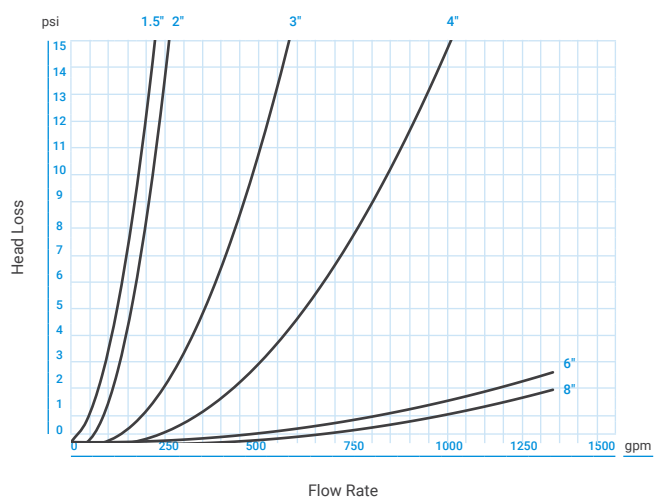
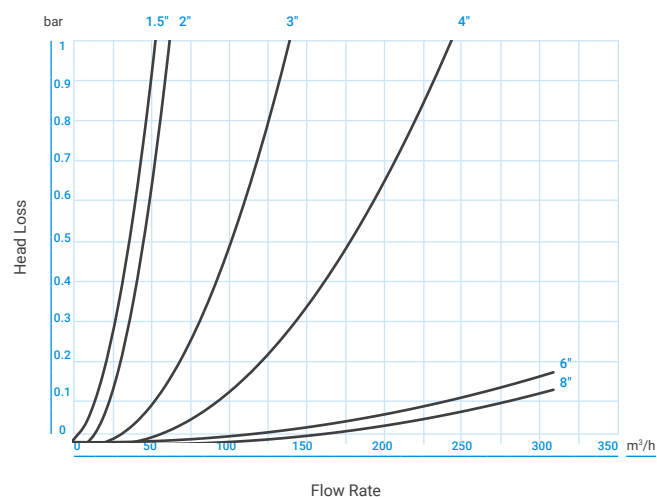
* Minimum distance to draw screen



→ Technical Information

Model	Filtration Area (cm ²)	Available Connection Types	Maximum Recommended Flow Rate (m ³ /h)	Pressure Rating (bar)
1 1/2"	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)
1 1/2"	BSP	000950	000952	000954	1	630	270	220	10	40	1,260	1,080	1,100	400
	NPT	000951	000953	000955		630	270	220	10	40	1,260	1,080	1,100	400
2"	BSP	000961	000964	000967		600	270	220	10	40	1,260	1,080	1,100	400
	NPT	000962	000965	000968		600	270	220	10	40	1,260	1,080	1,100	400
	Grooved	000960	000963	000966		600	270	220	10	40	1,260	1,080	1,100	400
3"	BSP	000970	000976	000982		870	270	220	18	25	1,140	1,080	1,100	450
	NPT	000971	000977	000983		870	270	220	18	25	1,140	1,080	1,100	450
	Grooved	000972	000978	000984		870	270	220	18	25	1,140	1,080	1,100	450
	ISO	000973	000979	000985		870	270	220	27	25	1,140	1,080	1,100	675
	BSTD	000975	000981	000987		870	270	220	27	25	1,140	1,080	1,100	675
	ANSI	000974	000980	000986		870	270	220	27	25	1,140	1,080	1,100	675
4"	Grooved	001000	001004	001008		1,115	290	220	23	20	1,140	1,080	1,100	460
	ISO	001001	001005	001009		1,115	290	220	33	20	1,140	1,080	1,100	660
	BSTD	001003	001007	001011		1,115	290	220	33	20	1,140	1,080	1,100	660
	ANSI	001002	001006	001010		1,115	290	220	33	20	1,140	1,080	1,100	660
6"	Grooved	001020	001024	001028		1,170	470	375	64	1	1,170	470	375	64
	ISO	001021	001025	001029		1,170	470	375	77	1	1,170	470	375	77
	BSTD	001023	001027	001031		1,170	470	375	77	1	1,170	470	375	77
	ANSI	001022	001026	001030		1,170	470	375	77	1	1,170	470	375	77
8"	Grooved	001040	001045	001050		1,520	470	375	84	1	1,520	470	375	84
	ISO10	001041	001046	001051		1,520	470	375	102	1	1,520	470	375	102
	ISO16	001042	001047	001052		1,520	470	375	102	1	1,520	470	375	102
	BSTD	001044	001049	001054		1,520	470	375	102	1	1,520	470	375	102
	ANSI	001043	001048	001053		1,520	470	375	102	1	1,520	470	375	102

For other filtration grade, please contact Netafim representative