



# SCREENGUARD™ AUTOMATIC SCREEN FILTERS

**BIGGER, BETTER, BEST IN CLASS**

## DESCRIPTION

Netafim Screenguard™ automatic screen filters are designed for irrigation applications in both the agriculture and landscaping markets. The filter provides perfect protection for irrigation systems thanks to its extra-large filter area. It also incorporates the most effective self-cleaning mechanism, saving labor, water and energy.



## APPLICATION

- Primary filtration for use with well water and/or single use dripperline applications in multiple water sources
- Primary filtration for micro and open field sprinkler applications in multiple water sources
- Primary filtration for landscaping applications



## FEATURES & BENEFITS

- Extremely large filter area allows the filter to work with higher flow rates and deal with dirty water
- Filter body is made from high quality two layers coating offering superb corrosion resistance
- Cover and piston made from durable non-corrosive materials for easy and cost-effective maintenance
- Two different models, Horizontal and Vertical, with multiple filter area options covering a wide range of flow rates, ensures a perfect fit for different water quality and protection requirements
- BT (Bluetooth) controller activated with Netafim SG App allows better control of filter performances
- Multiple connection types that fit perfectly with any irrigation system

**SUPERIOR IRRIGATION PROTECTION BY THE WORLD'S EXPERTS**

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## LOGISTIC DATA

MATERIAL GROUP 71960					BOX					
MODEL	CONNECTION TYPE	100 MIC	130 MIC	200 MIC	QUANTITY IN BOX	LENGTH (MM)	WIDTH (MM)	HEIGHT (MM)	GROSS WEIGHT PER BOX	
VERTICAL FILTER	2"	BSP	000099	000100	000101	1	520	1,070	660	47
		NPT	000102	000103	000104					
	3"	BSP	000119	000120	000121					50
		NPT	000122	000123	000124					
		ANSI	000125	000126	000127					
		BSTD	000128	000129	000130					
	3" Jumbo	DIN	000149	000150	000151					52
		BSP	000169	000170	000171					
		NPT	000172	000173	000174					
		ANSI	000175	000176	000177					
	4"	BSTD	000199	000200	000201					54
		DIN	000219	000220	000221					
ANSI		000222	000223	000224						
BSTD		000225	000226	000227						
	DIN	000249	000250	000251	56					
HORIZONTAL FILTER	4"	ANSI	000252	000253	000254	1	570	2,220	710	116
		BSTD	000269	000270	000271					
		DIN	000272	000273	000274					
	4" Jumbo	ANSI	000275	000276	000277			2,620	760	160
		BSTD	000299	000300	000301					
		DIN	000302	000303	000304					
	6"	ANSI	000305	000306	000307			2,220	710	120
		BSTD	000319	000320	000321					
	6" Jumbo	DIN	000322	000323	000324			2,620	760	163
		ANSI	000325	000326	000327					
		BSTD	000339	000340	000341					
	8"	DIN	000359	000360	000361			2,620	760	169
		ANSI	000379	000380	000381					
		BSTD	000399	000400	000401					
	10"	DIN	000419	000420	000421			2,620	760	176
		ANSI	000439	000440	000441					
		BSTD	000450	000451	000452					
		DIN	000460	000461	000462					

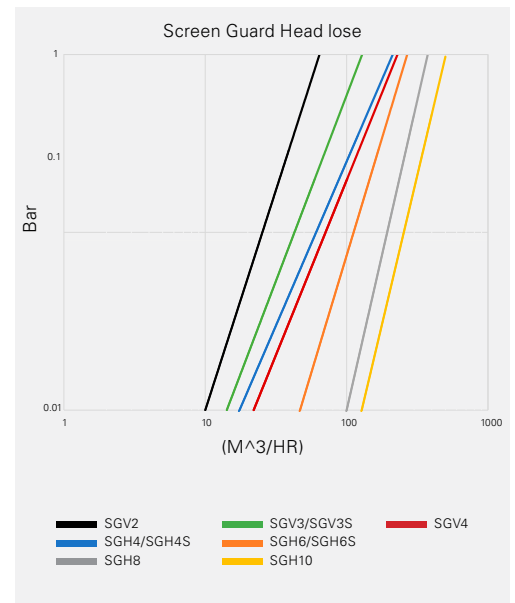
\* To create the full catalog number, use the material group ID and add to it the 6 digits that define the relevant filter

## TECHNICAL INFORMATION

	DESCRIPTION	FILTRATION AREA (CM <sup>2</sup> )	AVAILABLE CONNECTION TYPES	MAXIMUM RECOMMENDED FLOW RATE (M <sup>3</sup> /H)	BACKFLUSH FLOW RATE (M <sup>3</sup> /H)	MINIMUM PRESSURE DURING THE BACKFLUSH (BAR)	PRESSURE RATING (BAR)
VERTICAL	2" automatic vertical screen filter	1,350	BSP / NPT	25	12	2	10
	3" automatic vertical screen filter	1,350	BSP / NPT / FLANGE	35	12		
	3" Super automatic vertical screen filter	2,000		50	18		
4" automatic vertical screen filter	2,000	FLANGE	75	18			
HORIZONTAL	4" automatic horiz. screen filter	5,300	FLANGE	80	24		
	4" Super automatic horiz. screen filter	7,900		100	36		
	6" automatic horiz. screen filter	5,300		120	24		
	6" Super automatic horiz. screen filter	7,900		150	36		
	8" automatic horiz. screen filter	7,900		250	36		
	10" automatic horiz. screen filter	7,900	300	36			

\* for larger systems up to 14" with multiple units, please contact Netafim representative

## HEAD LOSS



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