

# ScreenGuard™

## AUTOMATIC SCREEN FILTERS

Automatic screen filters provide perfect protection for irrigation systems thanks to extra-large filtration area. ScreenGuard™ also incorporate the most effective self-cleaning mechanism, saving labor, water and energy.



Bigger



High Corrosion and  
UV Protection



Ease of  
Maintenance

## Benefits & Features

- ✓ Extremely large screen size allows the filter to work with higher flow rates and deal with harsh water conditions
- ✓ Filter body is made from high quality carbon steel with two-layers coating, offering superb corrosion resistance
- ✓ Cover and piston made from durable non-corrosive materials for easy and cost-effective maintenance
- ✓ The filter screen cylinder is molded with stainless-steel 316 screen incorporating a special weave, providing an extra layer of protection to the irrigation system
- ✓ Two different models, Horizontal and Vertical, with multiple filtration 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 performance
- ✓ Multiple connection types that fit perfectly with any irrigation system
- ✓ Different micron rating screens suited for variety of applications



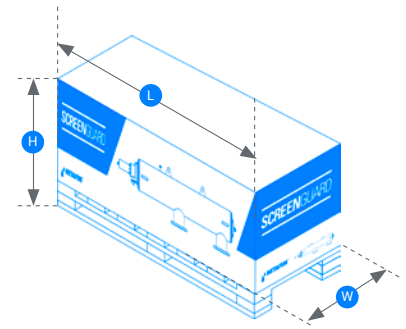
## Applications

- 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



→ LOGISTIC DATA

MODEL	CONNECTION TYPE	QUANTITY IN BOX	BOX LENGTH (MM) L	BOX HEIGHT (MM) H	BOX WIDTH (MM) W	GROSS WEIGHT PER BOX (KG)			
VERTICAL FILTER	2"	1	1,070	710	520	47			
	3"					BSP / NPT	50		
						ANSI / BSTD / ISO 10	53		
	3" JUMBO					BSP / NPT	54		
						ANSI / BSTD / ISO 10	56		
4"	BSP / NPT / ISO 10	56							
4" JUMBO	ANSI / BSTD / ISO 10	1,620	76	570	76				
HORIZONTAL FILTER	ANSI / BSTD / ISO 10	1	2,220	710	570	119			
						4" JUMBO	2,620	760	156
						6"	2,220	710	127
						6" JUMBO	2,620	760	159
						8"			169
						10"	ANSI / BSTD / ISO 10 / ISO 16	178	



→ CATALOG NUMBERS

CATALOG NUMBER STARTING WITH 71960 + (ANY OF BELLOW 6 DIGITS)

MODEL	100 MIC						130 MIC						200 MIC						
	BSP	NPT	ANSI	BSTD	ISO 10	ISO 16	BSP	NPT	ANSI	BSTD	ISO 10	ISO 16	BSP	NPT	ANSI	BSTD	ISO 10	ISO 16	
VERTICAL FILTER	2"	000099	000102	N/A	N/A	N/A	N/A	000100	000103	N/A	N/A	N/A	N/A	000101	000104	N/A	N/A	N/A	N/A
	3"	000119	000122	000125	000128	000149	N/A	000120	000123	000126	000129	000150	N/A	000121	000124	000127	000130	000151	N/A
	3" JUMBO	000169	000172	000175	000199	000219	N/A	000170	000173	000176	000200	000220	N/A	000171	000174	000177	000201	000221	N/A
	4"	N/A	N/A	000222	000225	000249	N/A	N/A	N/A	000223	000226	000250	N/A	N/A	N/A	000224	000227	000251	N/A
HORIZONTAL FILTER	4" JUMBO	N/A	N/A	000603	000605	000606	N/A	N/A	N/A	000602	000601	000600	N/A	N/A	N/A	000604	000278	000607	N/A
	4"	N/A	N/A	000252	000269	000272	N/A	N/A	N/A	000253	000270	000273	N/A	N/A	N/A	000254	000271	000274	N/A
	4" JUMBO	N/A	N/A	000275	000299	000302	N/A	N/A	N/A	000276	000300	000303	N/A	N/A	N/A	000277	000301	000304	N/A
	6"	N/A	N/A	000305	000319	000322	N/A	N/A	N/A	000306	000320	000323	N/A	N/A	N/A	000307	000321	000324	N/A
	6" JUMBO	N/A	N/A	000325	000339	000359	N/A	N/A	N/A	000326	00340	000360	N/A	N/A	N/A	000327	000341	000361	N/A
	8"	N/A	N/A	000379	000399	000419	000439	N/A	N/A	000380	000400	000420	000440	N/A	N/A	000381	000401	000421	000441
10"	N/A	N/A	000450	000460	000470	000480	N/A	N/A	000451	000461	000471	000481	N/A	N/A	000452	000642	000472	000482	

- SAP codes includes SG1 BT controller, for other controller type please contact Netafim
- For other filtration grades, please contact Netafim

→ TECHNICAL INFORMATION

DESCRIPTION	FILT. AREA (CM <sup>2</sup> )	AVAIL. CONN. TYPES	MAX. REC. FLOW RATE (M <sup>3</sup> /H)	BACK FLUSH FLOW RATE (M <sup>3</sup> /H)	MIN. PRESS. DURING BACK-FLUSH (BAR)	PRESS. RATING (BAR)
VERTICAL FILTER	2" AUTO. VERT. SCREEN	1,350	BSP / NPT	25	12	10
	3" AUTO. VERT. SCREEN	1,350	BSP / NPT	35	12	
	3" SUPER AUTO VERT. SCREEN	2,000	FLNG.	50	18	
	4" AUTO. VERT. SCREEN	2,000	FLNG.	75	18	
	4" JUMBO AUTO. VERT.	2,700	FLNG.	80	12	
HORIZONTAL FILTER	4" AUTO. HORIZ. SCR.N.	5,300	FLNG.	80	24	10
	4" SUPER AUTO HORIZ. SCREEN	7,900		100	36	
	6" AUTO. HORIZ. SCR.N.	5,300		120	24	
	6" SUPER AUTO HORIZ. SCREEN	7,900		150	36	
	8" AUTO. HORIZ. SCR.N.	7,900		250	36	
	10" AUTO. HORIZ. SCR.N.	7,900		300	36	

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

→ HEAD LOSS

