

ScreenGuard™

CIRCULATING METAL SCREEN FILTERS

Circulating screen filters offer improved particles separation, supported by large filtration area, in addition to the high corrosion and UV protection which result to better filtration efficiency, excellent irrigation uniformity and less maintenance.



High corrosion
and UV resistance



Wide
filtration area



User
friendly

/ Benefits & Features

- **Wide filtration area** Results in lower labor cost due to longer cleaning intervals even in harsh water conditions
- **Circulating feature** Thanks to this cleaning mechanism, the screen can be perfectly cleaned opening the drain valve, circulating particles such as sand which can be easily drained out of the filter. without disrupting the irrigation process
- **Better longevity** Filter screen cylinder molded with stainless-steel 316L screen
- **High corrosion and UV resistance** 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

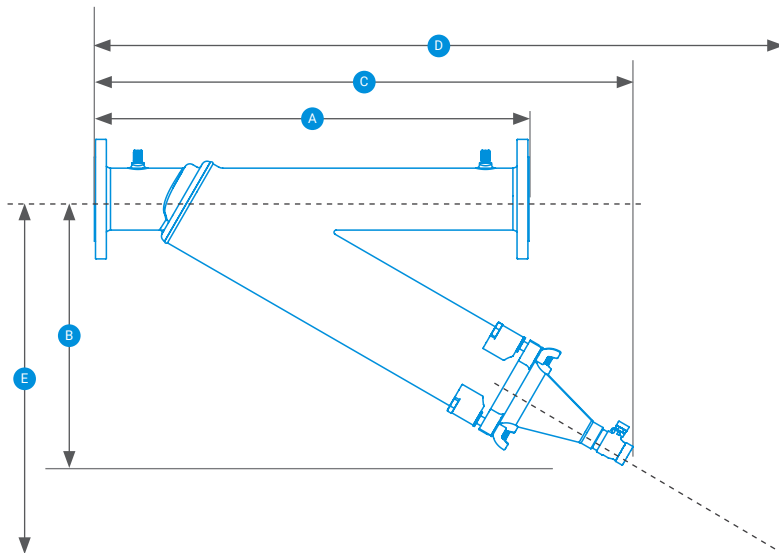
/ Applications

- 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
- Content of sand and other sediments

→ Technical Dimensions

Connection Diameter	A (mm)	B (mm)	C (mm)	D (mm)*	E (mm)*
1½"	420	343	481	620	502
2"	420	343	458	620	502
3"	600	378	756	1,170	615
4"	800	490	991	1,617	851
6"	900	550	1,031	1,630	867
8"	1,000	710	1,343	2,252	1,212

* Minimum distance to draw screen



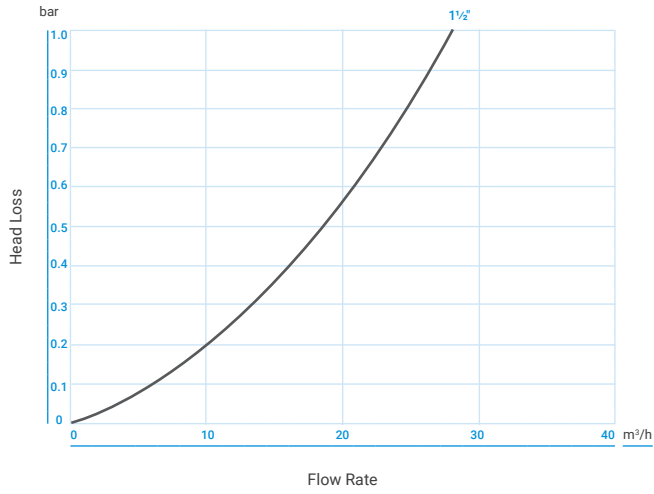
→ Technical Information

Disc Type	Model											
	1½"		2"		3"		4"		6"		8"	
	Min m³/h	Max m³/h	Min m³/h	Max m³/h	Min m³/h	Max m³/h	Min m³/h	Max m³/h	Min m³/h	Max m³/h	Min m³/h	Max m³/h
A	6.5	17	6.5	17	6.5	17	6.5	17	32	45		
B			12	32	12	32	12	32	39	68		
C			17	34	17	37	17	37	62	95		
D			24	40	24	50	24	55	84	140	98	160
E					35	55	35	63	118	220	159	227
F					50	70	50	75			204	295
ND					65	80	70	95				

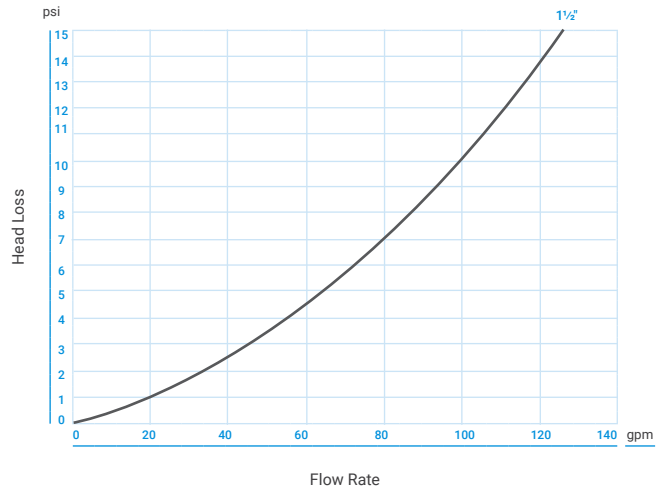
ND = No discs

→ Head Loss

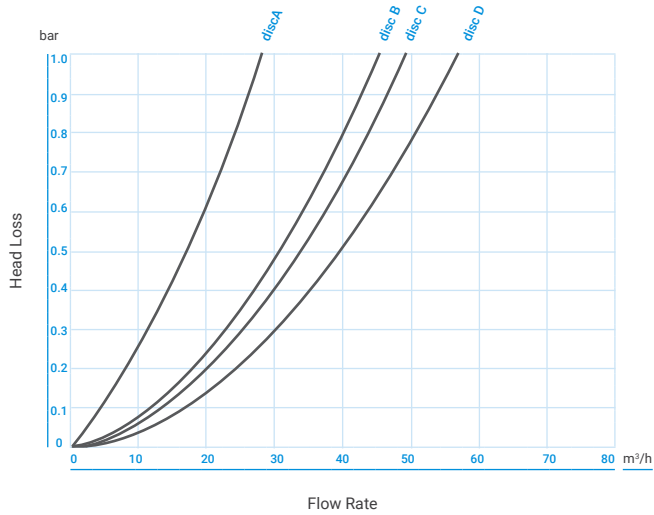
Circular filter 1½" (bar)



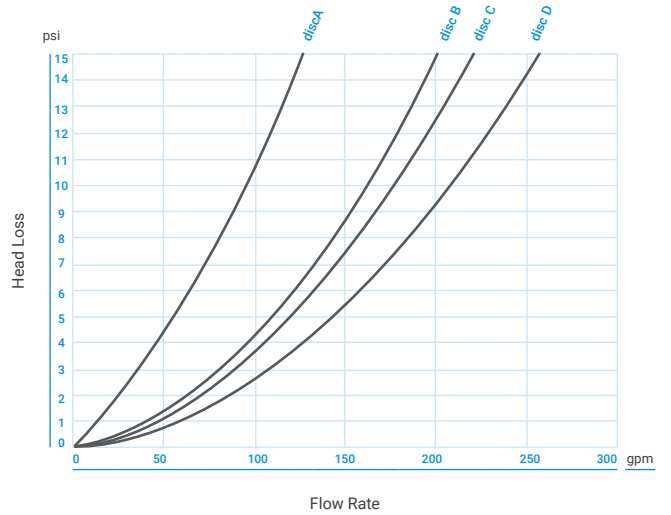
Circular filter 1½" (gpm)



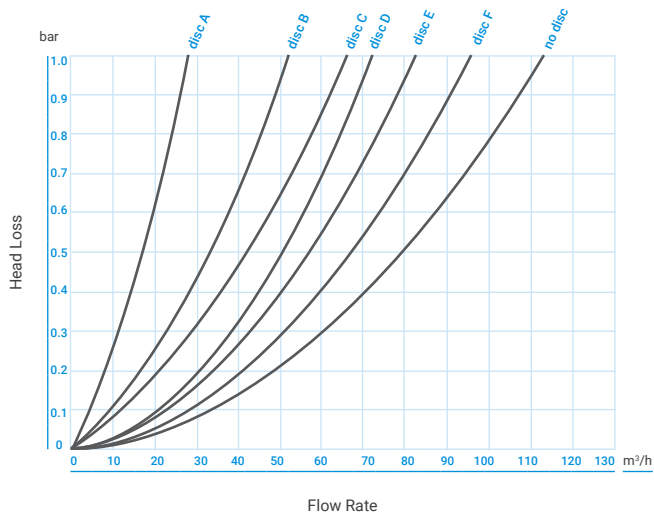
Circular filter 2" (bar)



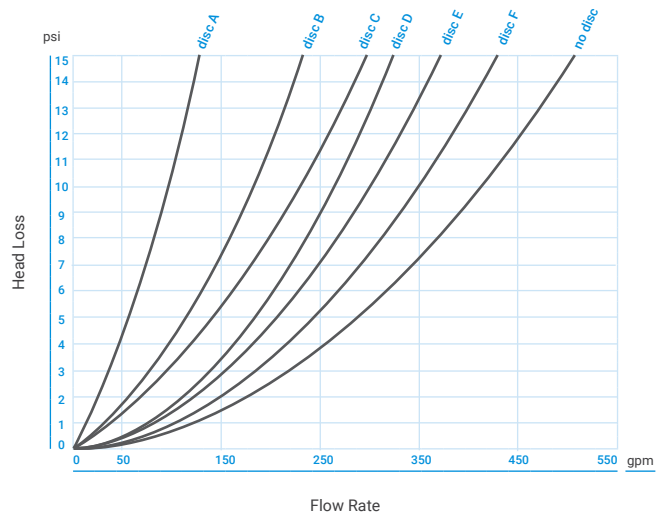
Circular filter 2" (gpm)



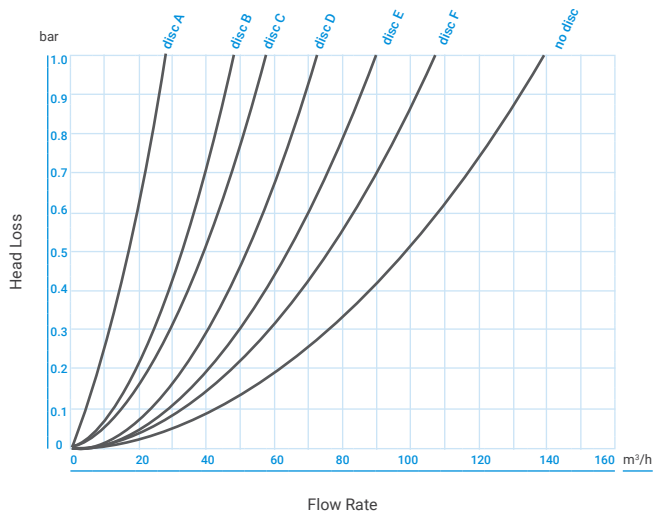
Circular filter 3" (bar)



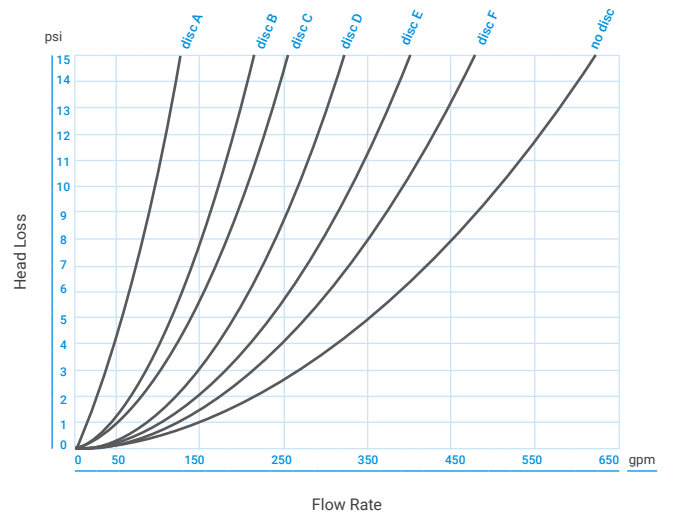
Circular filter 3" (gpm)



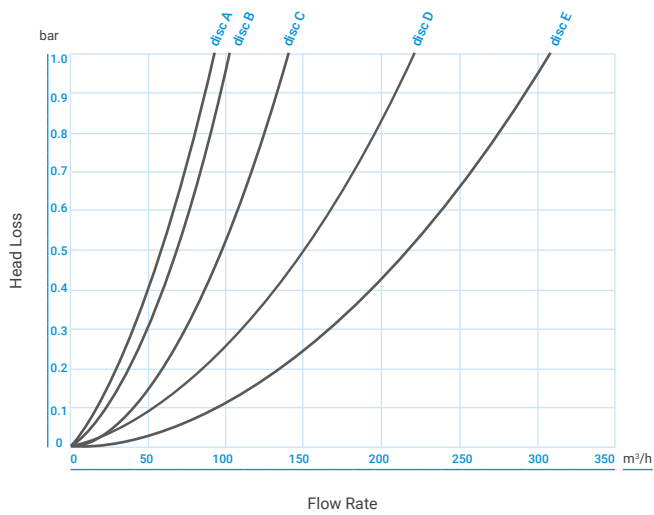
Circular filter 4" (bar)



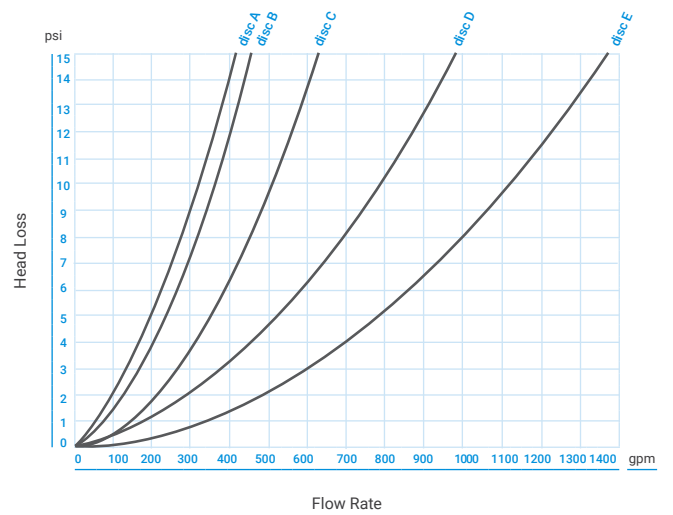
Circular filter 4" (gpm)



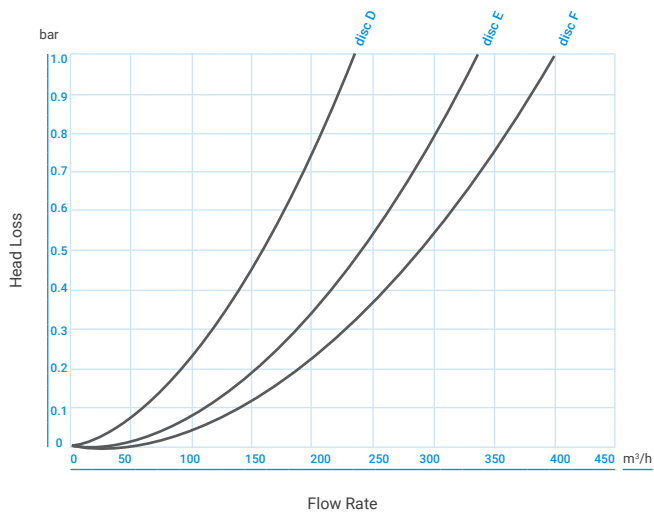
Circular filter 6" (bar)



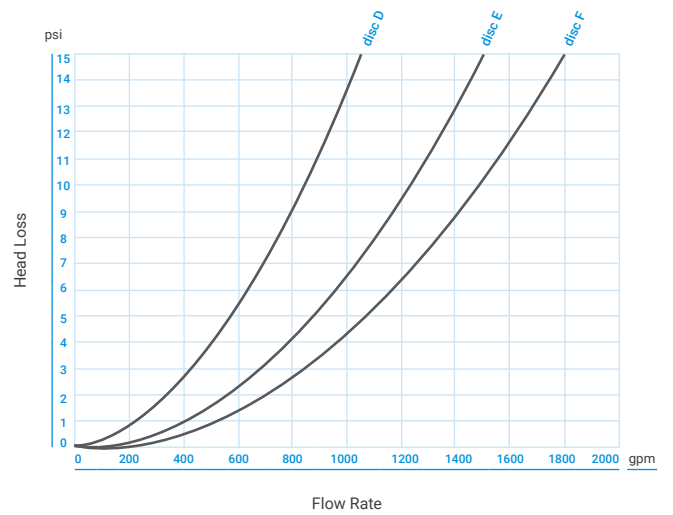
Circular filter 6" (gpm)



Circular filter 8" (bar)



Circular filter 8" (gpm)



→ Logistic Data

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

Model	Conn.	100 mic.	130 mic.	200 mic.	Box				Pallet				Gross Weight Per Pallet (kg)
					Length	Width	Height	Weight	Qty. of Boxes in Pallet	Length	Width	Height	
1½"	BSP	000690	000692	000694	500	500	220	11	30	1500	1020	1100	330
	NPT	000691	000693	000695	500	500	220	11	30	1500	1020	1100	330
2"	BSP	000700	000702	000705	500	500	220	11	30	1500	1020	1100	330
	NPT	000701	000703	000706	500	500	220	11	30	1500	1020	1100	330
	GROOVED	000173	000174	000704	500	500	220	11	30	1500	1020	1100	330
3"	BSP	000710	000716	000721	780	600	220	21	20	1560	1200	1100	420
	NPT	000711	000717	000722	780	600	220	21	20	1560	1200	1100	420
	GROOVED	000712	000718	000723	780	600	220	21	20	1560	1200	1100	420
	ISO	000713	000172	000724	780	600	220	30	20	1560	1200	1100	600
	BSTD	000715	000720	000726	780	600	220	30	20	1560	1200	1100	600
	ANSI	000714	000719	000725	780	600	220	30	20	1560	1200	1100	600
4"	GROOVED	000730	000734	000738	1020	730	220	28	10	1500	1020	1100	280
	ISO	000731	000735	000739	1020	730	220	38	10	1500	1020	1100	380
	BSTD	000733	000737	000741	1020	730	220	38	10	1500	1020	1100	380
	ANSI	000732	000736	000740	1020	730	220	38	10	1500	1020	1100	380
6"	GROOVED	000760	000764	000768	1090	790	375	73	1	1090	790	375	73
	ISO	000761	000765	000769	1090	790	375	87	1	1090	790	375	87
	BSTD	000763	000767	000771	1090	790	375	87	1	1090	790	375	87
	ANSI	000762	000766	000770	1090	790	375	87	1	1090	790	375	87
8"	GROOVED	000790	000795	000800	1390	990	375	95	1	1390	990	375	95
	ISO10	000791	000796	000801	1390	990	375	111	1	1390	990	375	111
	ISO16	000792	000797	000802	1390	990	375	111	1	1390	990	375	111
	BSTD	000794	000799	000804	1390	990	375	111	1	1390	990	375	111
	ANSI	000793	000798	000803	1390	990	375	111	1	1390	990	375	111

For other filtration grade, please contact Netafim representative