

Media Filter Cartridge Sizing for Approved Design Operating Rate

Technology*	Vendor	Design Operating Rate**	Cartridge Height (inches)	Cartridge Design Flowrate (gpm/cartridge)
FloGard Perk Filter	Kristar/Oldcastle Precast, Inc.	1.5 gpm/ft ² of filter surface area	12	6.8
FloGard Perk Filter	Kristar/Oldcastle Precast, Inc.	1.5 gpm/ft ² of filter surface area	18	10.2
Media Filtration System (MFS)	CONTECH Engineered Solutions, LLC.	1 gpm per 2.44 inches in height	12	4.9
Media Filtration System (MFS)	CONTECH Engineered Solutions, LLC.	1 gpm per 2.44 inches in height	18	7.4
Media Filtration System (MFS)	CONTECH Engineered Solutions, LLC.	1 gpm per 2.44 inches in height	22	9
StormFilter using PhosphoSorb Media	CONTECH Engineered Solutions, LLC.	1.67 gpm/ft ² of filter surface area	12	8.35
StormFilter using PhosphoSorb Media	CONTECH Engineered Solutions, LLC.	1.67 gpm/ft ² of filter surface area	18	12.53
StormFilter using PhosphoSorb Media	CONTECH Engineered Solutions, LLC.	1.67 gpm/ft ² of filter surface area	27	18.79
StormFilter using ZPG Media	CONTECH Engineered Solutions, LLC.	1 gpm/ft ² of filter surface area	12	5
StormFilter using ZPG Media	CONTECH Engineered Solutions, LLC.	1 gpm/ft ² of filter surface area	18	7.5
StormFilter using ZPG Media	CONTECH Engineered Solutions, LLC.	1 gpm/ft ² of filter surface area	27	11.3

Technology*	Vendor	Design Operating Rate**	Cartridge Height (inches)	Cartridge Design Flowrate (gpm/cartridge)
BayFilter Cartridge	Baysaver Technologies, Inc.	0.70 gpm/ft ² of filter surface area	N/A	N/A
Enhanced Media Cartridge***	Baysaver Technologies, Inc.	0.50 gpm/ft ² of filter surface area	N/A	N/A
MWS-Linear Modular Wetland- Basic Prefilter Media Cartridge	Bio Clean Environmental Services, Inc.	Low-Medium: 3 gpm/ft ² of filter surface area	N/A	N/A
MWS-Linear Modular Wetland- Basic Prefilter Media Cartridge	Bio Clean Environmental Services, Inc.	High: 2.1 gpm/ft ² of filter surface area	N/A	N/A

*The listed media filter products are certified as General Use Level Designation (GULD) for Basic Treatment (TSS) by the State of Washington Department of Ecology TAPE Program.

**Design operating rate established by the State of Washington Department of Ecology TAPE Program.

***The Enhanced Media Cartridge is approved with GULD for basic treatment (TSS) and with Conditional Use Level Designation for phosphorus treatment.