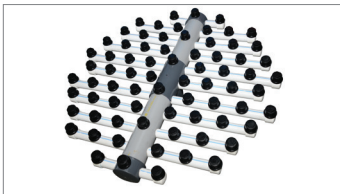# Jain Media Filter – SC

Top Inlet & Bottom Outlet
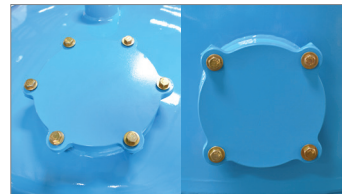

Unique Under-Drain provision
JAIN under-drain is unique design which disperses water evenly in back flush
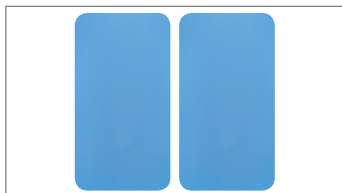

High Quality Silica Sand as Media
Filtration media is crushed silica sand/quartz gravel of particle size 1 mm to 2 mm (0.039 to 0.078 inch)


10" Top Access & 8" Side Access ports:
Industry-leading oversized easy access and improved ear-brackets for 8 bar pressure rating

Standard Pure Polyester / Epoxy coating for Protecting from Corrosion
Two coat powder coating with first primer coat and second coat with more than 150 micron thick deep blue colored pure Polyester powder on outer surface & Epoxy coating from inner side for protection against corrosion and weather effects
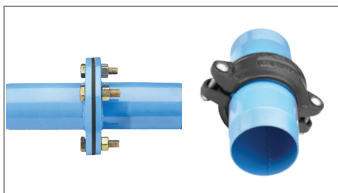
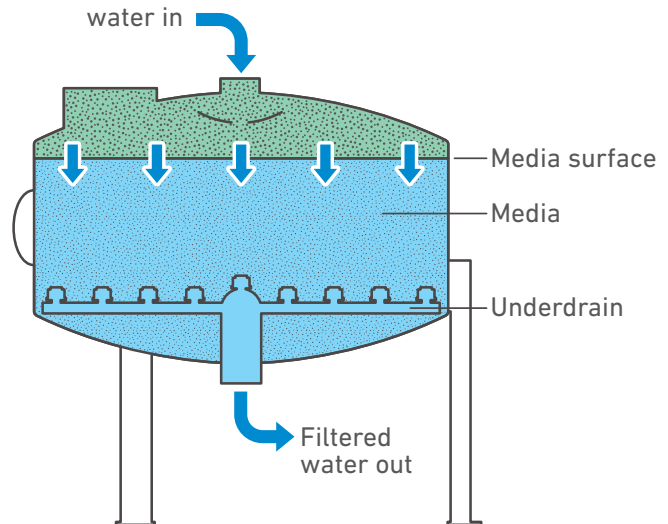

Various Connection Options Available
Flanged (universal) connection or Easy Fix™ connection available.

Leg Mount Controller:
Simple and durable and can be located on any tank

Jain Irrigation Systems Ltd.

Jain Media Filter - SC

water in → Media surface / Media / Underdrain / Filtered water out

Model	Type	2400UF	3600UF	4500UF	4800UF
Inlet/ Outlet Connection	Inch	3''	3''	4''	4''
	mm	80	80	100	100
Nominal Flowrate	m³/hr	20	46	72	82
	US gpm	91	205	320	364
Connection types	Type	Flanged, Easy Fix – Grooved			
Max. Working Pressure	bar	7			
	psi	100			
Max Working Temperature	°C	60			
	°F	140			
Flow per unit area	m³/hr/m²	70	70	70	70
	US gpm/in²	29	29	29	29
Backwash Flow	m³/hr	11	23	42	45
	US gpm	48	101	185	198
Quantity of Media	kg	180	360	540	585
	lbs	397	794	1191	1290
Gross Weight	kg	66	115	175	201
	lbs	146	254	386	443
Material of construction	Tank	CS with 150 micron Powder coating	CS with 150 micron Powder coating	CS with 150 micron Powder coating	CS with 150 micron Powder coating
	Underdrain	PP	PP	PP	PP
	Pipe Network	cPVC	cPVC	cPVC	cPVC

Media filtration systems provide automatic filtration suitable for Drip and Micro Irrigations

How it Works:

Pressurized water flows through tanks which contain silica sand (media). The unfiltered water enters the tanks from the top. The tanks provide a larger media surface area. Particles in the unfiltered water, larger than media pore space, collect on the surface of the media. The tank underdrain prevents the media from entering the system.