

Irrigation Disc Filter

Irrigation disc filter, a thin plastic disc of a specific color is engraved on both sides with a large number of grooves of a certain micro size. A stack of discs of the same pattern is pressed against a specially designed inner support. When the spring and the liquid pressure are pressed, the grooves between the discs cross, thereby creating a deep filtration unit with a series of unique filtration channels.





❖ Characteristics of Irrigation Disc Filter

The disc filter for drip irrigation has the characteristics of high-efficiency backwashing, automatic continuous operation, low self-consumption water, small footprint, and reliable operation. The backwashing process of the filter system alternates in turn, and the working and backwashing states are automatically switched. It can ensure continuous water discharge, and the system pressure loss is small, so the technical advantage is very obvious.

❖ Specifications of Irrigation Disc Filter

ITEM NO	SIZE	THREAD	FILTER ELEMENTS	MESH	FILTER AREA (CM ²)	WP (BAR)	MAX FLOW (M ³ /H)
1725D 120M	3/4"	MALE	DISC	120	90	10	5
1732D 120M	1"	MALE	DISC	120	90	10	5
1725D 120F M	3/4"	MALE/ FEMALE	DISC	120	90	10	5
1750D T120	1-1/2 "	MALE	DISC	120	254	8	15
1740D T120	1-1/4 "	MALE	DISC	120	254	8	15
FDY0 2120	2"	MALE	DISC	120	490	8	18
FDY0 2175	2-1/ 2"	MALE	DISC	120	998	8	25
FDT0 2120M	2"	MALE	DISC	120	1200	10	30



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FDT0 2120V MV	2"	MALE	DISC	120	1200	10	30
FDT0 2120V VM	2"	MALE	DISC	120	1200	10	30
FDTL 02120 M	2"	MALE	DISC	120	1700	10	50
FDTL 02120 VMV	2"	MALE	DISC	120	1700	10	50
FDTL 02120 VVM	2"	MALE	DISC	120	1700	10	50
FDT0 3120M	3"	MALE	DISC	120	1700	10	50
FDT0 3120V MV	3"	MALE	DISC	120	1700	10	50
FDT0 3120V VM	3"	MALE	DISC	120	1700	10	50
FD041 20M	4"	MALE	DISC	120	2400	10	60
FD041 20V	4"		DISC	120	2400	10	60
FDL0 4120 M	4"	MALE	DISC	120	3400	10	100
FDL0 4120V	4"		DISC	120	3400	10	100
FD031 20M	3"	MALE	DISC	120	2400	10	60
FD031 20V	3"		DISC	120	2400	10	60



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FDL0 3120M	3"	MALE	DISC	120	3400	10	100
FDL0 3120V	3"		DISC	120	3400	10	100
FDTA 02120 M	2"	MALE	DISC	120	1650	50	50
FDTA 02120 VMV	2"	MALE	DISC	120	1650	50	50
FDTA 02120 VVM	2"	MALE	DISC	120	1650	50	50
FDTA 03120 M	3"	MALE	DISC	120	1650	50	50
FDTA 03120 VMV	3"	MALE	DISC	120	1650	50	50
FDTA 03120 VVM	3"	MALE	DISC	120	1650	50	50
FDA0 3120M	3"	MALE	DISC				
FDA0 3120V	3"		DISC				
FSLA 04120 M	4"	MALE	SCREEN	120	1650	100	100
FSLA 04120 V	4"		SCREEN	120	1650	100	100