

# iFilters™

iFilters™ is Irritec® innovative line of filters which includes a complete range of models suitable for any type of need. The wide choice of diameters, connection types and filtering surfaces ensures quality, reliability and safety for every irrigation system.

## Y FILTERS

Irritec® filters allow the best filtering protection for any irrigation system. Their simple and safe frame, the result of an accurate construction technology, minimizes the need for maintenance. These filters can withstand pressure changes and external stress, and their main feature is the strong and flexible filtering element. Tightness is ensured also at high pressures, and the filtering elements deliver optimum filtering efficiency. The wide range of filtering grades (20 to 450 mesh) can meet all filtering requirements.

### Characteristics

Polypropylene filter

Filtering element: disk, stainless steel and polyester screen.

Maximum working pressure: **10 bar at 20°C for mod. YCV-YDV-YEV**

**8 bar at 20°C for mod. YFV-YGG-YGF-YHG-YHF**

Available connections: **threaded BSP, NPT**

Discharge: **inspectable plug (excluding YCV)**

### Closing Systems

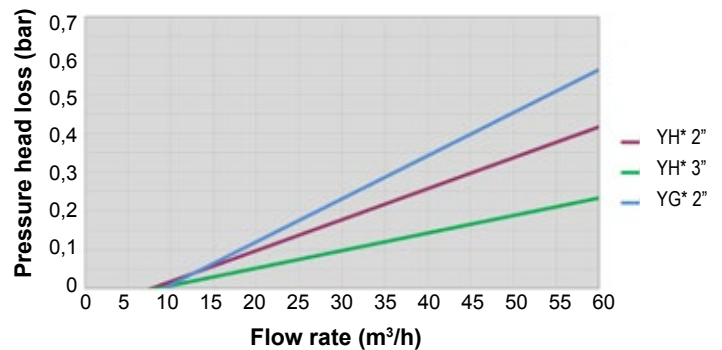
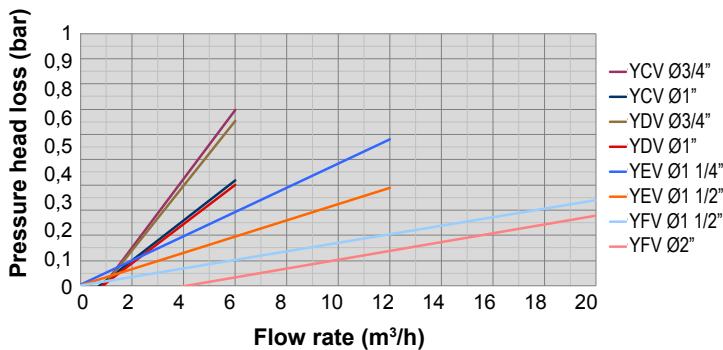


**TAB. 1 Available mesh (x=available)**

Models YCV - YDV - YEV - YFV						
Ref.	Mesh	Micron	Inox	Polyester	Disk	Color
E	20	800	x	x	-	
F	30	500	x	x	-	Green
G	50	300	x	x	-	Purple
H	75	200	x	x	-	Blue
I	100	160	x	x	-	Light Blue
L	120	130	x	x	x	Red
N	155	100	x	x	-	Yellow
P	200	80	x	x	-	Black

**TAB. 2 Available mesh (x=available)**

Models YGG - YHG - YGF - YHF						
Ref.	Mesh	Micron	Inox	Polyester	Disk	Color
H	75	200	x	x	x	
L	120	130	x	x	x	Red
N	155	100	x	x	x	Yellow



## iFilters™ ROTODISK TECHNOLOGY

iFilters™ is the line of Irritec® filters which includes products equipped with masses with filtering surfaces among the “largest” on the market. These filters are available with the “advanced” Rotodisk® filtering element and in various connection configurations: BSP, NPT, victaulic, for the entire range; Rotofilters™ Twin models are also available flanged (DN80 – DN100). This allows great versatility, quality and safety in filtration and the possibility to choose between wide ranges of flow rates.

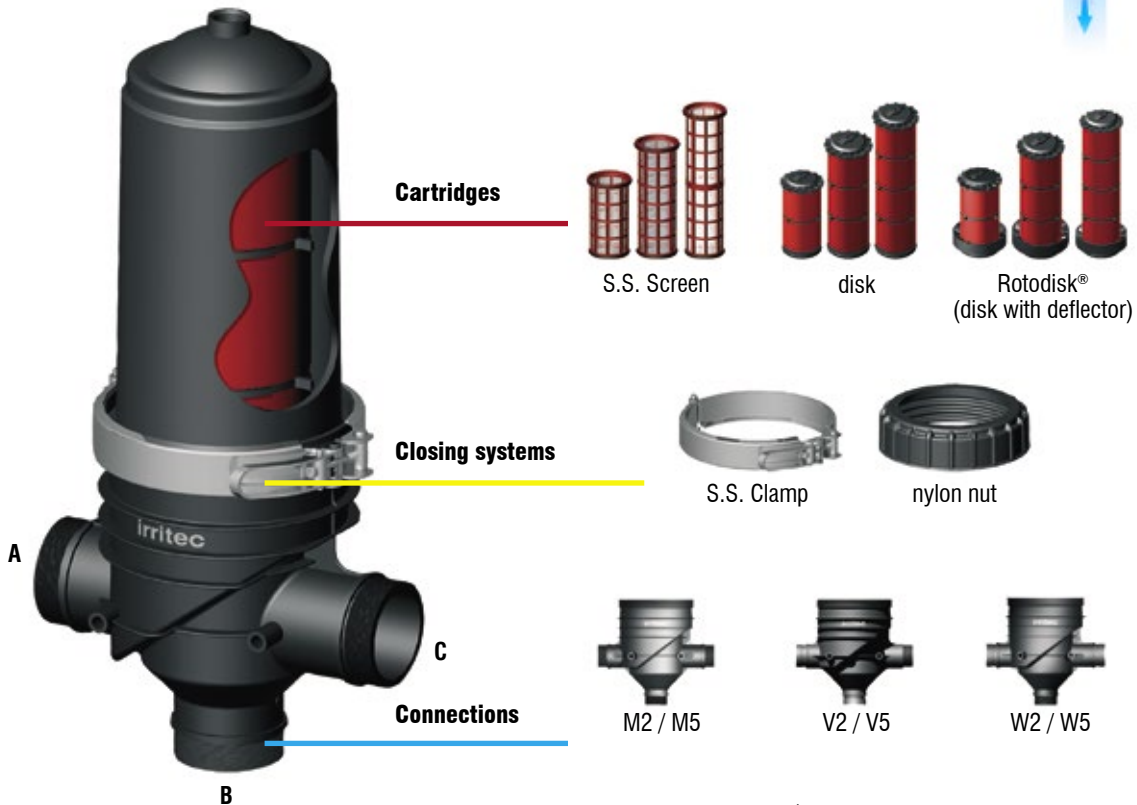
## ROTOfilters™

### T FILTERS

Made from reinforced polyamide, Irritec® T filters and Rotofilters™ are suitable for both inline and angle installation. The two different closing systems, the different combinations and dimensions of the filtering elements and the available filtering grades allow you to choose always the most suitable system for every filtering need.

#### Characteristics

- Filter in reinforced nylon with fiber glass
- Closing system with stainless steel clamp or nylon nut.
- Filtering element: **disk, stainless steel screen.**
- Filtering grade: **75, 120, 155 mesh**
- Maximum working pressure: **10 bar at 20°C**
- Available connections: **threaded BSP, NPT, victaulic,**
- Discharge: **3/4" F. preset**



TAB. 1 type of mesh

Ref.	Mesh	Micron	Color
H	75	200	
L	120	130	
N	155	100	

TAB. 2 type of connections

Ref.	A	B	C
M2	BSP	BSP	BSP
V2	VIC	VIC	BSP
W2	VIC	BSP	VIC
M5	NPT	NPT	NPT
V5	VIC	VIC	NPT
W5	VIC	NPT	VIC

