

# iFilters™

## General technical specifications

### General Specifications

<b>CONNECTION TYPE</b>	Male threaded (BSP/NPT) Female threaded (Swivel BSP)
<b>FILTERING CARTRIDGE</b>	Stainless steel screen
	Disks
	Polyester Screen
<b>DISCHARGE</b>	Male Threaded 3/4" BSP (mod. YCV-YDV-YEV-YFV) Female Threaded 3/4" BSP (mod. YGG-YGF-YHG-YHF)
<b>PRESSURE GAUGE CONNECTIONS</b>	Male Threaded 1/4" BSP (mod. YDV-YEV-YFV) Female Threaded 1/4" BSP (mod. YGG-YGF-YHG-YHF)

### Construction materials

<b>BODY</b>	Polypropylene
<b>COVER</b>	Polypropylene
<b>FILTERING ELEMENT</b>	Stainless steel screen: Polypropylene + stainless steel screen Poly screen: Polypropylene + Polyester screen Disks: Polypropylene disks and structure
<b>TIGHTENING RING NUT (mod. YGG - YHG)</b>	Reinforced polyamide
<b>CLOSING CLAMP (mod. YGF - YHF)</b>	Stainless Steel AISI 304
<b>GASKETS</b>	NBR



### Conditions of use

<b>PH RANGE</b>	4<pH<11
<b>MAX TEMPERATURE</b>	60 °C / 140 °F
<b>MAX PRESSURE</b>	8 bar (YFV - YG* - YH*)
	10 bar (YCV - YDV - YEV)

## Selecting the correct model

DIAMETER	3/4" - 1"		1" 1/4	1 1/2"	2"	3"
<b>MODEL</b>	 YCV	 YDV	 YEV	 YFV	 YGG - YGF	 YHG - YHF

<b>General Specifications</b>	<b>FILTRATION DEGREE</b>	20 - 30 - 50 - 75 - 100 - 120 - 155 - 200 mesh				75 - 120 - 155 mesh	
		800 - 500 - 300 - 200 - 160 - 130 - 100 - 80 micron				200 - 130 - 100 micron	
	<b>CLOSING MECHANISM</b>	Polypropylene cover				Nylon ring nut - Stainless Steel Clamp	
	<b>MAXIMUM FLOW RATE</b>	5 m³/h		10 m³/h	20 m³/h	25 m³/h	
	<b>FILTERING SURFACE</b>	100 cm²	170 cm² (screen: 160)	260 cm² (screen: 220)	500 cm² (screen: 450)	960 cm² (830-990 screen)	1470 cm² (1290-1515 screen)
<b>FILTERING CAPACITY</b>	LOW	MEDIUM	MEDIUM	MEDIUM	GOOD	VERY HIGH MEDIUM	

<b>Applications</b>		Accessory filtration (tanks, machinery, etc.)	Secondary filtration (security and/or sector filters)
		Secondary filtration (Valve Boxes) Primary Filtration (Good quality well water)	Primary Filtration - well water / high quality

**YHG - YHF**



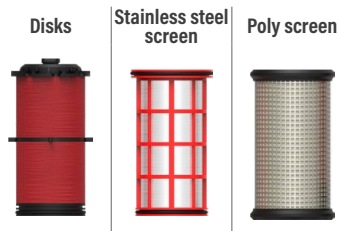
**Description**

Large in-line filter, available in 2" or 3" sizes. Disk, stainless steel screen or polyester screen filtering elements. Closing system with 2 options: stainless steel clamp (mod. YHF) or reinforced Polyamide Ring Nut (mod. YHG). Ideal as a sector filter or as a primary filter in good quality well water applications



Diameter	Closure	Filtering Element	Code	PN	Maximum flow rate (m <sup>3</sup> /h)	Filtering Surface (cm <sup>2</sup> )	L (mm)	A (mm)	H (mm)	Weight (kg)	
2"	Ring nut	Stainless Steel Screen	IFYHGGIxyyCON	8	25	1290	400	250	370	3.9	
		Polyester Screen	IFYHGGPxyyCON			1515				4	
		Disks	IFYHGGDxyyCON			1470				5.4	
	Stainless Steel Clamp	Stainless Steel Screen	IFYHFGIxyyCON			1290				3.6	
		Polyester Screen	IFYHFGPxyyCON			1515				3.7	
		Disks	IFYHFGDxyyCON			1470				5.1	
3"	Ring nut	Stainless Steel Screen	IFYHGIxyyCON		8	50	1290	446	250	370	4.1
		Polyester Screen	IFYHGIPxyyCON				1515				4.2
		Disks	IFYHGIDxyyCON				1470				5.6
	Stainless Steel Clamp	Stainless Steel Screen	IFYHFIIxyyCON				1290				3.8
		Polyester Screen	IFYHFIPxyyCON				1515				3.9
		Disks	IFYHFIDxyyCON				1470				5.3

**Filtering Cartridge**



**Connections**

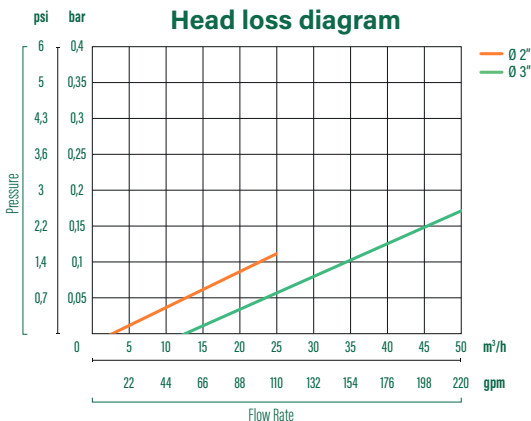
yy: connections (replace with:)

Ref.	Fittings
M2	Threaded BSP (M/M)
M5	Threaded NPT (M/M)

**Filtration degree (mesh)**

x: mesh (replace with:)

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



THG

YHF

