



General technical specifications

General Specifications		Construction materials	
CONNECTION TYPE	Male threaded (BSP/NPT)	BODY	Polypropylene
	Female threaded (Swivel BSP)	COVER	Polypropylene
FILTERING CARTRIDGE	Stainless steel screen	FILTERING ELEMENT	Stainless steel screen:
	Disks		Polypropylene + stainless steel screen
	Polyester Screen		Poly screen: Polypropylene + Polyester screen
DISCHARGE	Male Threaded 3/4" BSP (mod. YCV-YDV-YEV-YFV)	TIGHTENING RING NUT (mod. YGG - YHG)	Disks: Polypropylene disks and structure
	Female Threaded 3/4" BSP (mod. YGG-YGF-YHG-YHF)		Reinforced polyamide
PRESSURE GAUGE CONNECTIONS	Male Threaded 1/4" BSP (mod. YDV-YEV-YFV)	CLOSING CLAMP (mod. YGF - YHF)	Stainless Steel AISI 304
	Female Threaded 1/4" BSP (mod. YGG-YGF-YHG-YHF)	GASKETS	NBR

Conditions of use

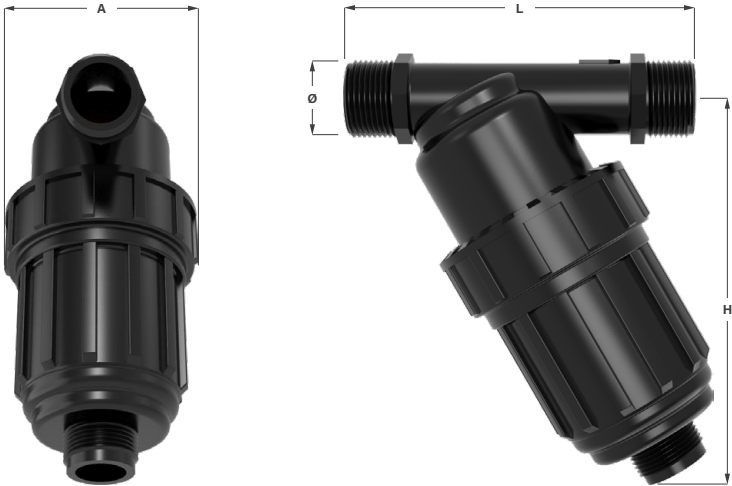
PH RANGE	4<pH<11
MAX TEMPERATURE	60 °C / 140 °F
MAX PRESSURE	8 bar (YFV - YG* - YH*)
	10 bar (YCV - YDV - YEV)

Selecting the correct model

DIAMETER		3/4" - 1"		1" 1/4	1 1/2"	2"		3"
MODEL	YCV	YDV	YEV	YFV	YGG - YGF	YHG - YHF		
								
General Specifications	FILTRATION DEGREE	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		
	CLOSING MECHANISM	Polypropylene cover				Nylon ring nut - Stainless Steel Clamp		
	MAXIMUM FLOW RATE	5 m³/h		10 m³/h	20 m³/h	25 m³/h		
	FILTERING SURFACE	100 cm²	170 cm² (screen: 160)	260 cm² (screen: 220)	500 cm² (screen: 450)	960 cm² (830-990 screen)	1470 cm² (1290-1515 screen)	
	FILTERING CAPACITY	LOW	MEDIUM	MEDIUM	MEDIUM	GOOD	VERY HIGH	MEDIUM
Applications	 AGRICULTURE	Accessory filtration (tanks, machinery, etc.)			Secondary filtration (security and/or sector filters)			
	 LANDSCAPE	Secondary filtration (Valve Boxes) Primary Filtration (Good quality well water)			Primary Filtration - well water / high quality			

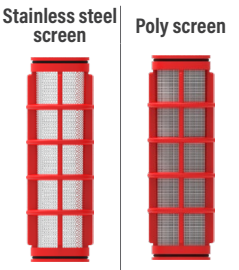
Description

Ultra-compact version in-line filter, available in 3/4" and 1" sizes. Filtering elements: stainless steel screen or polyester screen. Extremely small footprint filter, ideal for secondary filtration applications on small residential irrigation systems (Valve boxes) and for "accessory" filtration (application on tanks, cisterns and machinery).



Diameter	Filtering Element	Code	PN	Maximum flow rate (m³/h)	Filtering Surface (cm²)	L (mm)	A (mm)	H (mm)	Weight (kg)
3/4"	Stainless steel screen	IFYCVC <i>lxyy</i> SON	10	5	100	123	72	135	0.16
	Polyester Screen	IFYCVC <i>Pxyy</i> SON							
1"	Stainless steel screen	IFYCVC <i>Pxyy</i> SON							0.17
	Polyester Screen	IFYCVC <i>Pxyy</i> SON							

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	Stainless Steel	Poly	Disks	Colour
E	20	800	✓	✓		
F	30	500	✓	✓		
G	50	300	✓	✓		
H	75	200	✓	✓		
I	100	160	✓	✓		
L	120	130	✓	✓	✓	
N	155	100	✓	✓		
P	200	80	✓	✓		

