

METAL SCREEN

FILTERS



Flow rate
Up to 300 m³/h



Filtering Surface
960 - 6028 cm²



Diameters
2" - 8"

75

(200 micron)

120

(130 micron)

155

(100 micron)

Advantages

- ✓ **Sturdy construction** with high thickness steel.
- ✓ **Wide range of models** Traditional and Semi-automatic
- ✓ **"Handwheel" opening** on all models to facilitate the opening and closing of the filter



Construction materials

FILTER BODY	Structural steel
MANIFOLDS	Structural steel
COATING	Polyester powder coating (min. thickness 160 micron)
FILTERING ELEMENT	Stainless steel screen (standard grade 120 mesh) on perforated PVC support
GASKETS	EPDM

Conditions of use

PH RANGE	4<pH<11
MAX TEMPERATURE	60 °C / 140 °F
MAX PRESSURE	8 bar at 20°C

METAL SCREEN

FILTERS

Selecting the correct model

	MODEL					
	FILTERING ELEMENT	Disks		Polyester Screen + Stainless Steel Cylinder	Stainless Steel Screen + PVC Structure	
General Specifications	DIAMETERS	2" - 4"		2" - 5"	2" - 6"	2" - 8"
	CONNECTIONS	Threaded Female	Threaded Female - Flanged (according to size)			
	FILTRATION DEGREES	75 - 120 - 155 mesh 200 - 130 - 100 micron				
	RANGE OF FLOW RATES	15 - 80 m³/h		15 - 110 m³/h	15 - 150 m³/h	15 - 300 m³/h
	FILTERING SURFACE	1196 - 1868 cm²		1260 - 4769 cm²	1055 - 4929 cm²	1055 - 6028 cm²
Applications	 AGRICULTURE	Secondary filtration (back-up filter)				
		Primary filtration of good quality well water				
	 LANDSCAPE	Primary Filtration of good quality water				

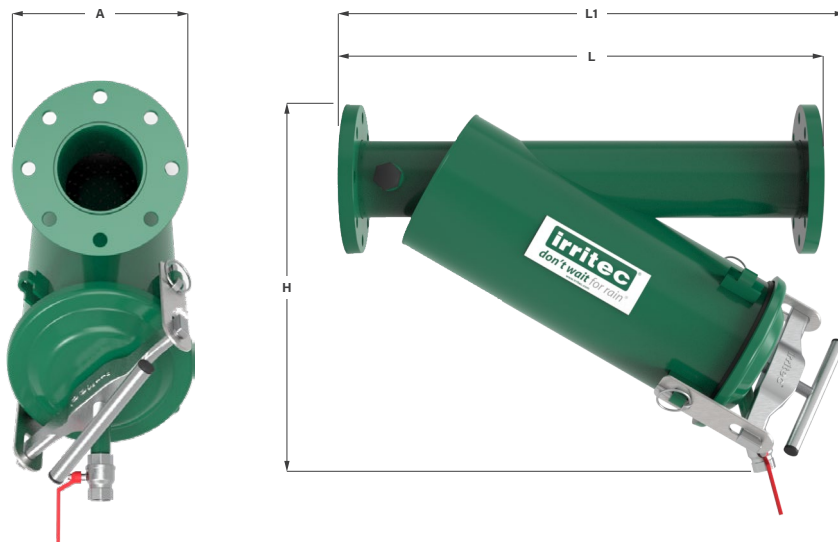


EPV

METAL SCREEN FILTERS

Description

Manual screen filter for in-line installation. Filtering element with stainless steel screen bonded to a perforated PVC cylinder. Available in a wide range of sizes (up to 8"). Sturdy metal construction with handwheel making it easy to open.



Internal	Connections	Code	PN	Flow rate (m³/h)	Filtering Surface (cm²)	Ø body (inch)	L (mm)	L1 (mm)	A (mm)	H (mm)	Weight (kg)
2"	threaded female	IFEPV20Hyy	8	15÷30	1055	6"	440	530	300	400	11
3"	threaded female	IFEPV30Hyy		25÷40	1625	6"	660	710		450	17
	flanged	IFEPV30Fyy					610	660		500	24
4"	threaded female	IFEPV40Hyy		40÷80	2318	8"	770	860		580	25
	flanged	IFEPV40Fyy					710	830		600	34
5"	flanged	IFEPV50Fyy		80÷110	3014		720	940		650	41
6"	flanged	IFEPV60Fyy		110÷150	4929	10"	1000	1100		700	60
8"	flanged	IFEPV80Fyy		150÷300	6028	8"	800	800	350	1350	90

Filtering cartridge



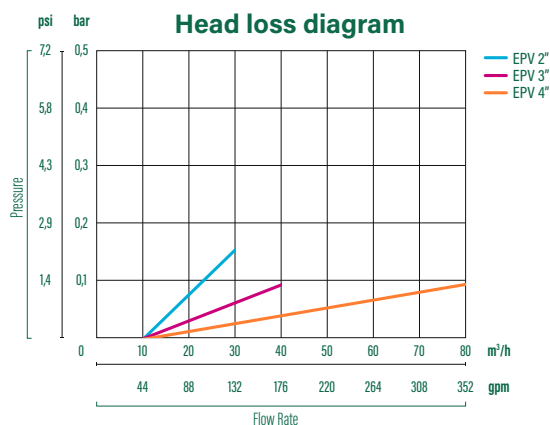
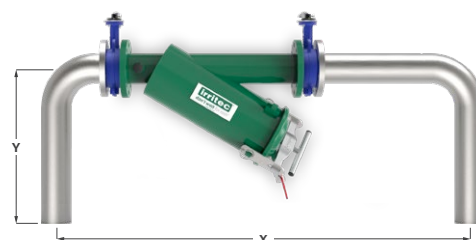
Filtration degree (mesh)

yy: mesh (replace with:)

Ref.	Mesh	Micron	Colour
08	75	200	
12	120	130	
15	155	100	

Typical installation

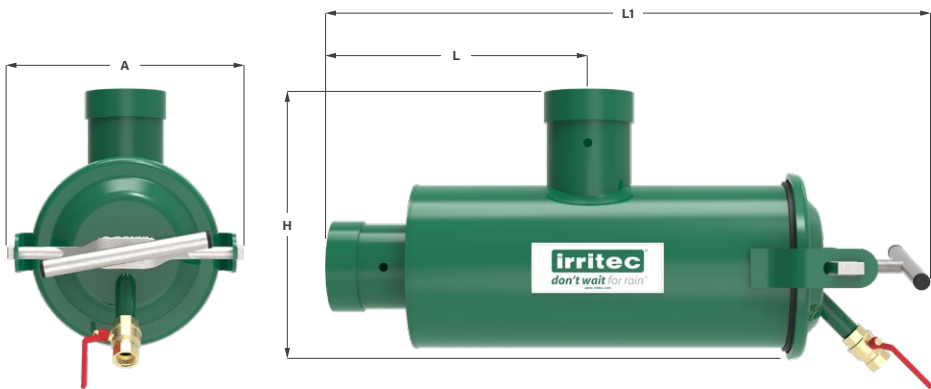
	X min (mm)	Y min (mm)
2"	900	400
3"	1000	450
DN 80	1050	450
4"	1650	650
DN 100	1650	650
DN 125	2000	800
DN 150	2200	1000



EPV90° **METAL SCREEN**
FILTERS

Description

Manual screen filter for 90° installation. Filtering element with stainless steel screen bonded to a perforated PVC cylinder. The 90° installation allows the product to be installed with a reduced footprint. Sturdy metal construction with handwheel making it easy to open.



Internal	Connections	Code	PN	Flow rate (m³/h)	Filtering Surface (cm²)	Ø body (inch)	L (mm)	L1 (mm)	A (mm)	H (mm)	Weight (kg)
2"	threaded female	IFEPV9020Hyy	8	15÷30	1055	6"	510	230	300	270	12
3"	threaded female	IFEPV9030Hyy		25÷40	1625		660	310		300	13
4"	threaded female	IFEPV9040Hyy		40÷80	2318		790	360		360	24
6"	flanged	IFEPV9060Fyy		110÷150	4929	10"	1130	530		440	55

Filtering cartridge



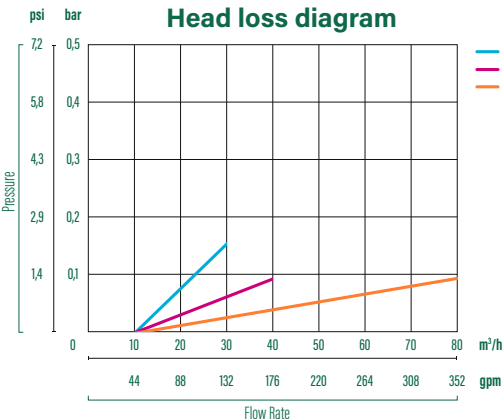
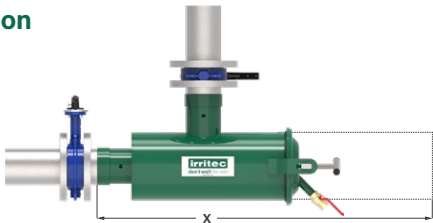
Filtration degree (mesh)

yy: mesh (replace with:)

Ref.	Mesh	Micron	Colour
08	75	200	
12	120	130	
15	155	100	

Typical installation

	X min (mm)
2"	650
3"	950
4"	1200
DN 150	1800

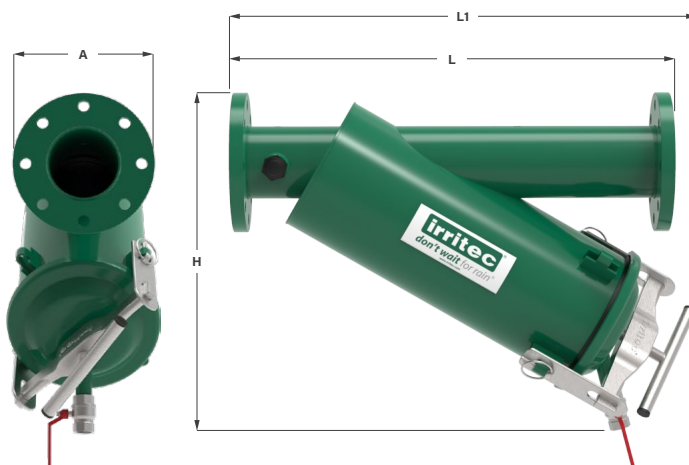


ESV

METAL SCREEN FILTERS

Description

Manual screen filter for in-line installation. Polyester screen filtering element (replaceable) applied to a stainless steel support cylinder. Sturdy metal construction with handwheel making it easy to open.



Internal	Connections	Code	PN	Flow rate (m³/h)	Filtering Surface (cm²)	Ø body (inch)	L (mm)	L1 (mm)	A (mm)	H (mm)	Weight (kg)
2"	threaded female	IFESV20Hyy	8	15÷30	1055	6"	440	530	300	400	13
3"	threaded female	IFESV30Hyy		25÷40	1625		660	710		450	17
	flanged	IFESV30Fyy					610	660		500	24
4"	threaded female	IFESV40Hyy		40÷80	2318	8"	770	860		580	19
	flanged	IFESV40Fyy					710	830		600	28
5"	flanged	IFESV50Fyy		80÷110	3014		720	920		650	38

Filtering cartridge



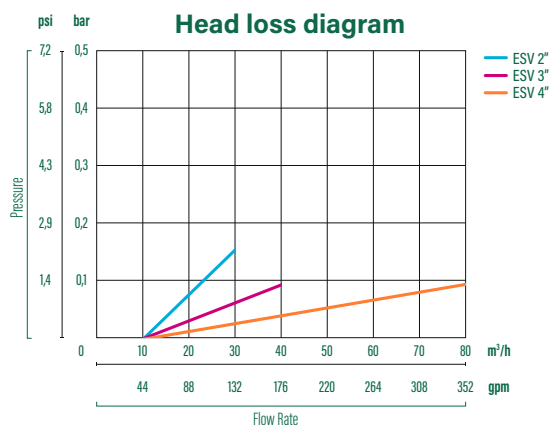
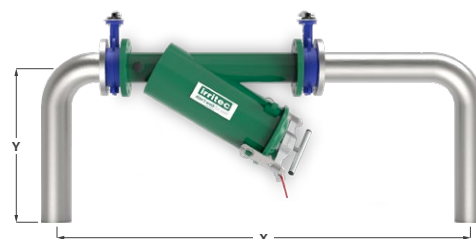
Filtration degree (mesh)

yy: mesh (replace with:)

Ref.	Mesh	Micron	Colour
08	75	200	
12	120	130	
15	155	100	

Typical installation

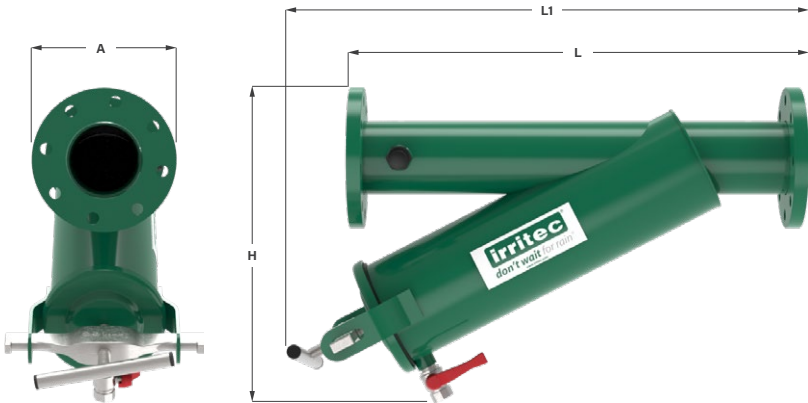
	X min (mm)	Y min (mm)
2"	900	400
3"	1000	450
DN 80	1050	450
4"	1650	650
DN 100	1650	650
DN 125	2000	800



EDV **METAL SCREEN**
FILTERS

Description

Manual Disk filter for in-line installation. Highly robust polypropylene Disk filtering element with efficient filtration. Sturdy metal construction with handwheel making it easy to open.



Internal	Connections	Code	PN	Flow rate (m³/h)	Filtering Surface (cm²)	Ø body (inch)	L (mm)	L1 (mm)	A (mm)	H (mm)	Weight (kg)
2"	threaded female	IFEDV20Hyy	8	15÷30	960	6"	440	530	300	400	14
3"	threaded female	IFEDV30Hyy		25÷40	1470		660	710		450	20
	flanged	IFEDV30Fyy					610	660		500	22
4"	threaded female	IFEDV40Hyy		40÷80	1980	8"	770	860		580	23
	flanged	IFEDV40Fyy					710	830		600	32

Filtering cartridge



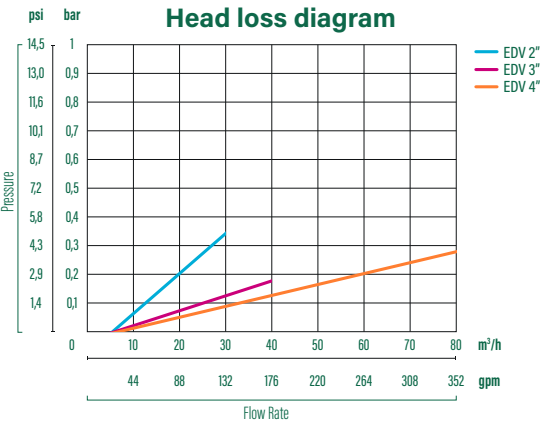
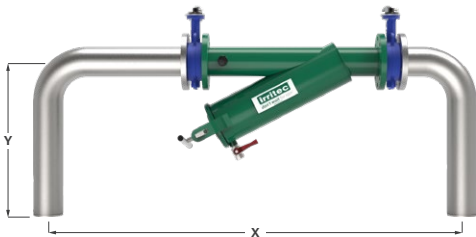
Filtration degree (mesh)

yy: mesh (replace with:)

Ref.	Mesh	Micron	Colour
08	75	200	
12	120	130	
15	155	100	

Typical installation

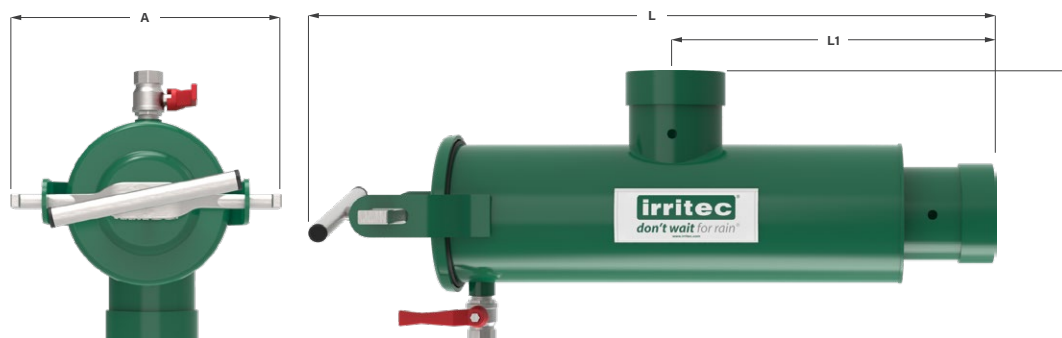
	X min (mm)	Y min (mm)
2"	900	400
3"	1000	450
DN 80	1050	450
4"	1650	650
DN 100	1650	650



EDV90° METAL SCREEN FILTERS

Description

Manual Disk filter for 90° installation. Highly robust polypropylene Disk filtering element with efficient filtration. The 90° installation allows the product to be installed with a reduced footprint.



Internal	Connections	Code	PN	Flow rate (m³/h)	Filtering Surface (cm²)	Ø body (inch)	L (mm)	L1 (mm)	A (mm)	H (mm)	Weight (kg)
2"	threaded female	IFEDV9020Hyy	8	15÷30	960	6"	550	250	300	330	14
3"	threaded female	IFEDV9030Hyy		25÷40	1470	6"	680	320		360	20
4"	threaded female	IFEDV9040Hyy		40÷80	1980	8"	810	390		330	25

Filtering cartridge



Filtration degree (mesh)

yy: mesh (replace with:)

Ref.	Mesh	Micron	Colour
08	75	200	
12	120	130	
15	155	100	

Typical installation

	X min (mm)
2"	750
3"	1000
4"	1250

