

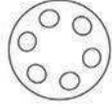
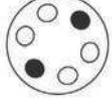
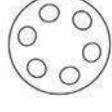
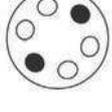
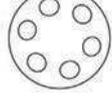
METAL SCREEN

SEMI AUTOMATIC FILTERS

Selecting the correct model

MODEL			
	Stainless Steel Screen + PVC Structure		
FILTERING ELEMENT	Stainless Steel Screen + PVC Structure		
CLEANING MECHANISM	cyclonic	cyclonic with brush	
General Specifications	DIAMETERS	2" - 8"	2" - 6"
	CONNECTIONS	Threaded Female - Flanged	
	FILTRATION DEGREES	80 - 120 - 155 mesh 200 - 130 - 100 micron	
	RANGE OF FLOW RATES	11 - 240 m ³ /h	11 - 150 m ³ /h
	FILTERING SURFACE	1055 - 6028 cm ²	1055 - 4929 cm ²
	Applications		Secondary filtration (back-up filter)
AGRICULTURE		Primary filtration of medium-quality water	
		Main filtration of medium-quality water	
LANDSCAPE			

Recommended flow rate

SIZE	4 Plugs	3 Plugs	2 Plugs	1 Plug	Free
2"	11÷14 m ³ /h 	14÷18 m ³ /h 	18÷22 m ³ /h 	22÷27 m ³ /h 	27÷31 m ³ /h 
3"	12÷16 m ³ /h 	16÷21 m ³ /h 	21÷27 m ³ /h 	27÷33 m ³ /h 	33÷40 m ³ /h 
4"	20÷28 m ³ /h 	28÷38 m ³ /h 	38÷44 m ³ /h 	44÷53 m ³ /h 	53÷70 m ³ /h 

Operational note

For maximum effectiveness of the turbulent flow cleaning mechanism, a DP Sensor of approximately 0.5 bar must be maintained between the inlet and outlet. Fit the number of plugs required (supplied) according to the water flow rate.

EAV

METAL SCREEN
SEMI AUTOMATIC FILTERS

Description

Semi-automatic screen filter for in-line installation with "turbulence" cleaning mechanism. 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.



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	IFEAV20Hyy	8	11÷31	1055	6"	440	450	300	400	16
3"	threaded female	IFEAV30Hyy		12÷40	1625		660	660		450	20
	flanged	IFEAV30Fyy					610	610		500	27
4"	threaded female	IFEAV40Hyy		20÷70	2318	8"	770	770		580	31
	flanged	IFEAV40Fyy					710	710		600	40
5"	flanged	IFEAV50Fyy		40÷110	3014		720	840		680	45
6"	flanged	IFEAV60Fyy	70÷150	4929	1000	1100	730	63			
8"	flanged	IFEAV80Fyy	100÷240	6028	8"	800	800	350	1350	90	

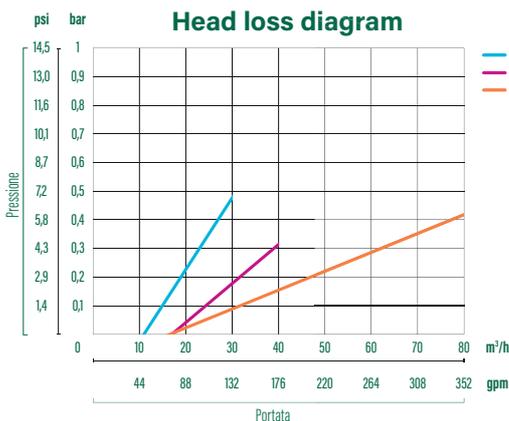
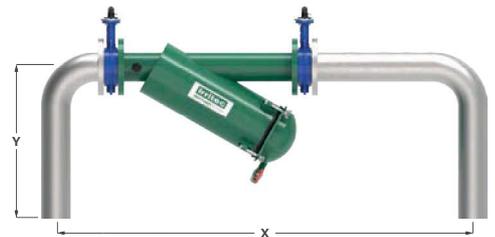
Filtering cartridge **Filtration degree (mesh)**
yy: mesh (replace with:)



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



EBV

METAL SCREEN
SEMI AUTOMATIC FILTERS

Description

Semi-automatic screen filter for in-line installation with "vortex" cleaning mechanism. The filter is also equipped with an internal brush that can be operated via the external handle. Filtering element with stainless steel screen bonded to a perforated PVC cylinder. Sturdy metal construction.



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	IFEVB20Hyy	8	11÷31	1055	6"	440	700	300	500	13
3"	threaded female	IFEVB30Hyy		12÷40	1625		660	900		550	16
	flanged	IFEVB30Fyy		610	900		550	23			
4"	threaded female	IFEVB40Hyy		20÷70	2318	8"	770	1000		650	24
	flanged	IFEVB40Fyy		720	1000		650	34			
5"	flanged	IFEVB50Fyy		40÷110	3014	720	1100	750		43	
6"	flanged	IFEVB60Fyy	70÷150	4929	1000	1250	900	68			

Filtering cartridge



Filtration degree (mesh)

yy: mesh (replace with:)

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08	75	200	
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Typical installation

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2"	900	450
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4"	1650	700
DN 100	1650	700
DN 125	2000	850
DN 150	2200	1050

