

# Vacuum cup filters Series FVT

New

Used as pre-filters and fine filters for air with varying amounts of contamination, for the protection of the vacuum generator.  
Mounted as protection for the ejector.

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VACUUM



- » Wide range of sizes
- » Recycling filter cartridge
- » Replaceable filter element
- » Transparent filter cup to check the filter's conditions

These filters can be mounted directly under the ejectors to protect them in case of dusty environmental conditions. The filter element can be substituted very easily and its conditions can be checked thanks to its transparent wrapping.  
These filters can be wall-mounted through a proper bracket.  
Filtering of vacuum and air up to 7 bar.

## GENERAL DATA

<b>Description</b>	Cup filter
<b>Materials</b>	- body in technopolymer - filter in polyethylene (PE)

## CODING EXAMPLE

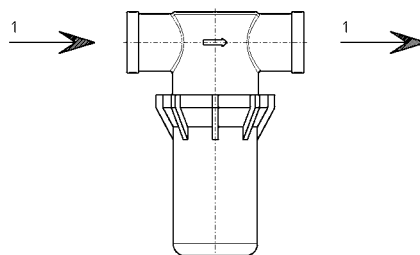
FVT	-	FF	-	1/4	-	80
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<b>FVT</b>	SERIES: FVT = cup filter
<b>FF</b>	THREAD SIZE: FF = female-female
<b>1/4</b>	CONNECTIONS: 1/8 = G1/8 1/4 = G1/4 3/8 = G3/8 1/2 = G1/2 3/4 = G3/4
<b>80</b>	FILTER ELEMENT: 80 = 80 µm

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## TECHNICAL DATA

New

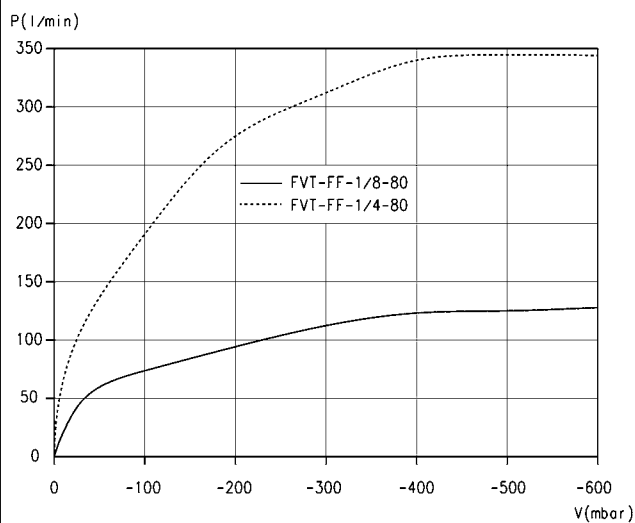


## TECHNICAL DATA

Mod.	Filter element (µm)	Nominal flow (l/min)	Max vacuum (mbar)	Max pressure at 25°C (bar)	Max pressure at 50°C (bar)	Weight (kg)
<b>FVT-FF-1/8-80</b>	80	45	-990	7	5	0,049
<b>FVT-FF-1/4-80</b>	80	110	-990	7	5	0,047
<b>FVT-FF-3/8-80</b>	80	245	-990	7	5	0,079
<b>FVT-FF-1/2-80</b>	80	300	-990	7	5	0,076
<b>FVT-FF-3/4-80</b>	80	600	-990	7	5	0,164

## Diagrams FVT

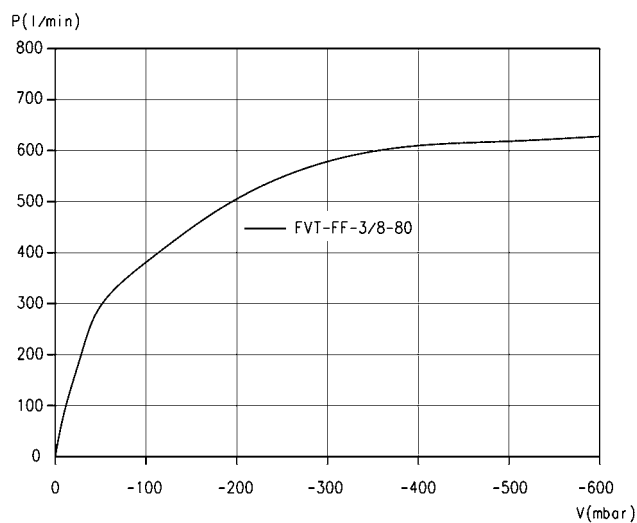
New



## LEGEND:

$P$  = Volumetric flow  
 $V$  = Vacuum values

Note: Flow rate for different vacuum values



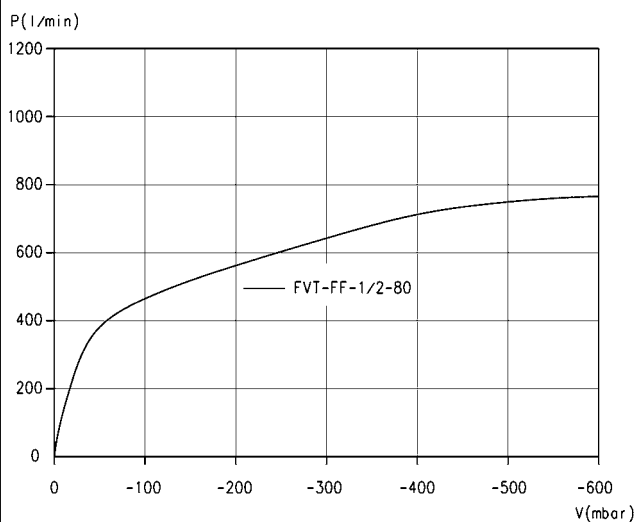
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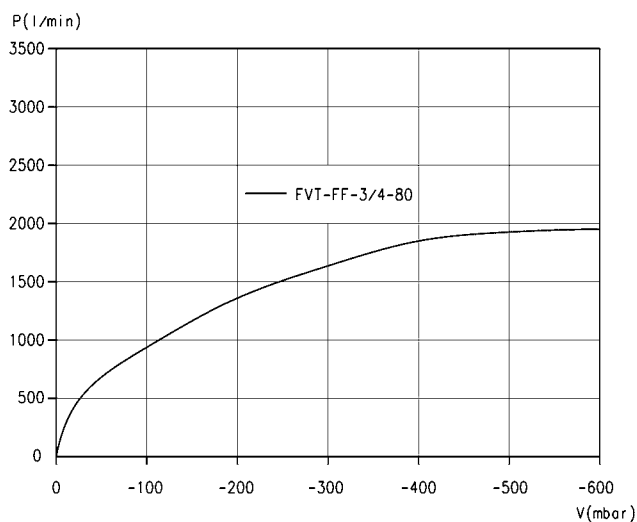
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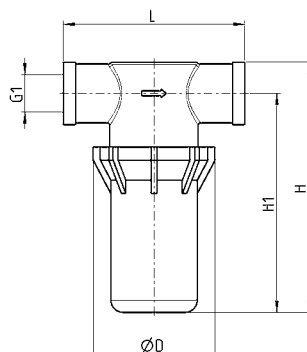
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## Cup filter - Series FVT

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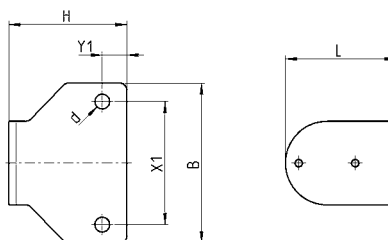
## DIMENSIONS

Mod.	D	G1	H	H1	L
<b>FVT-FF-1/8-80</b>	48	G1/8-F	60	50	58
<b>FVT-FF-1/4-80</b>	48	G1/4-F	60	50	76
<b>FVT-FF-3/8-80</b>	48,5	G3/8-F	101	88	77,2
<b>FVT-FF-1/2-80</b>	48	G1/2-F	101	88	77,2
<b>FVT-FF-3/4-80</b>	75	G3/4-F	137	118	90,5

## Mounting foot bracket

New

The mod. FVT-FF-1/8-80-B is used on cup filters with ports G1/8, G1/4, G3/8 e G1/2.  
The mod. FVT-FF-3/4-80-B is used on cup filters with ports G3/4.



## DIMENSIONS

Mod.	B	d	H	L	X1	Y1
<b>FVT-FF-1/8-80-B</b>	65	6	48	45	50	10
<b>FVT-FF-3/4-80-B</b>	85	6	52	70	70	10