

# FILTER VESSEL IN PLASTIC MATERIAL

Leaflet C-01-01-UK

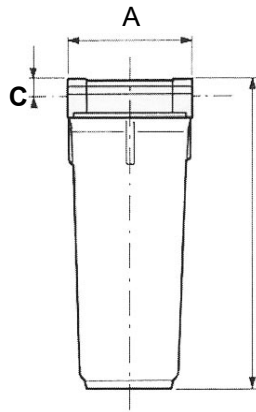


# FLUXA

**Fluxa  
Filtri  
S.p.A.**

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## Trasparent Filter Vessels containing filter cartridges

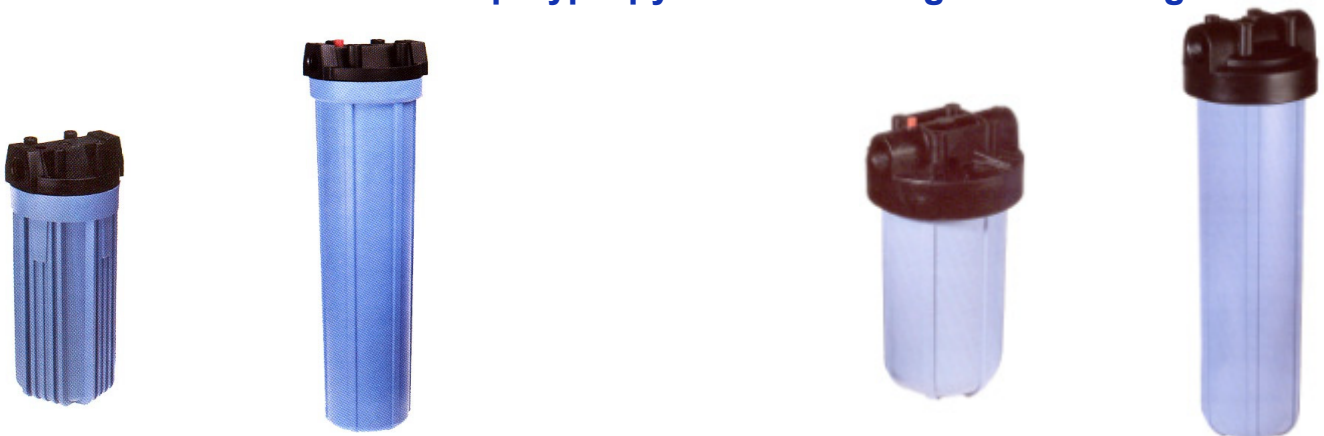


Model	Number of cartridges	Dimensions of Cartridges		Connections	Max. temperature	Max. pressure	Dimensions mm			Max. flow rate**
		Diameter	Length				A	B	C	
H 15-4-3/4	1	Ø = 2.1/2"	L = 4"	3/4" GAS F	45 °C	8 bar	132	165	22	600 l/h
H 15-4-1	1	Ø = 2.1/2"	L = 4"	1" GAS F			132	165	22	600 l/h
H 15-10-3/4	1	Ø = 2.1/2"	L = 10"	3/4" GAS F			132	320	22	1500 l/h
H 15-10-1	1	Ø = 2.1/2"	L = 10"	1" GAS F			145	320	22	1500 l/h
H 15-20-3/4	1	Ø = 2.1/2"	L = 20"	3/4" GAS F			132	600	22	3000 l/h
H 15-20-1	1	Ø = 2.1/2"	L = 20"	1" GAS F			145	600	22	3000 l/h

Gasket material: ETP – Cap: Reinforced Polypropylene – Transparent Housing: SAN

\*\* Flow rate of vessel without filter cartridges, with liquids of the viscosity of 1 cSt. The working flow rate of the must consider the filter cartridge and the process data.

## Vessel in reinforced polypropylene containing filter cartridges



**K15**

**BIG BLUE**

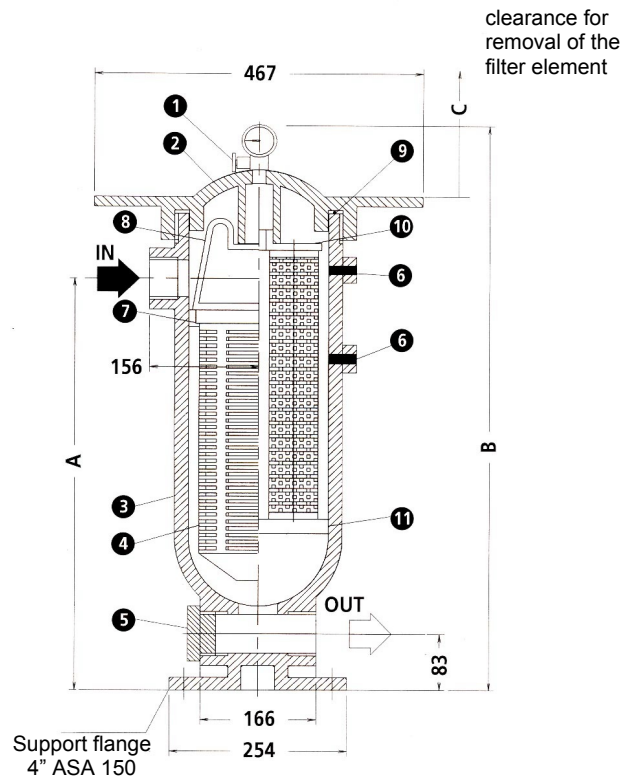
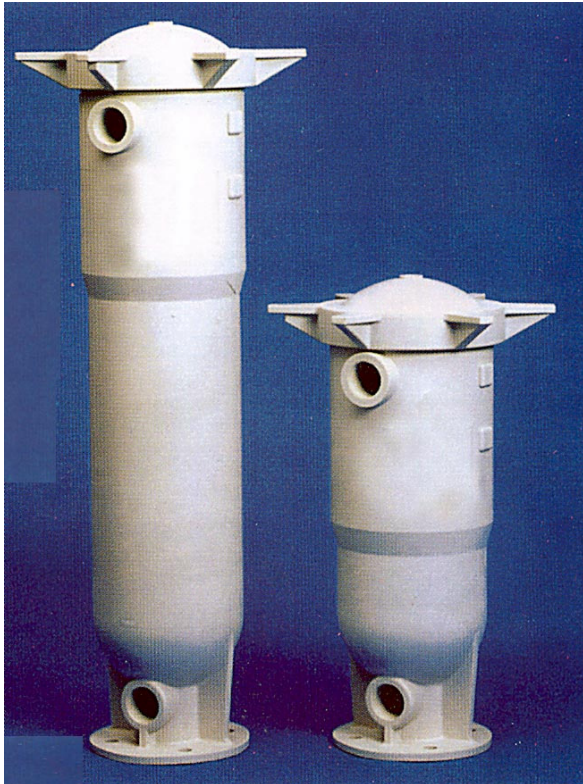
Model	Number of cartridges	Dimensions of Cartridges		Connections	Max. temperature	Max. pressure	Dimensions mm			Max. flow rate**
		Diameter	Length				A	B	C	
K 15-10-3/4	1	Ø = 2.1/2"	L = 9.7/8"- 9.3/4"	3/4" GAS F	50°C	8 bar	130	311	25	1500 l/h
K 15-20-3/4	1	Ø = 2.1/2"	L = 20"	3/4" GAS F	50°C	8 bar	130	568	25	3000 l/h
BIG BLUE 10-1	1	Ø = 4.1/2"	L = 9.3/4"	1" GAS F	37°C	6 bar	184	333	30	9000 l/h
BIG BLUE 10-1. 1/2	1	Ø = 4.1/2"	L = 9.3/4"	1.1/2" GAS F	37°C	6 bar	184	346	30	9000 l/h
BIG BLUE 20-1	1	Ø = 4.1/2"	L = 20"	1" GAS F	37°C	6 bar	184	594	30	11000 l/h
BIG BLUE 20-1. 1/2	1	Ø = 4.1/2"	L = 20"	1.1/2" GAS F	37°C	6 bar	184	606	30	11000 l/h

Gasket material: Buna N

Available on request in viton and silicone

\*\* Flow rate without filter cartridges, with liquids of the viscosity of 1 cSt. The working low rate of the must consider the filter cartridges and the process data.

## Vessels of polypropylene for filter cartridges and for filter bags



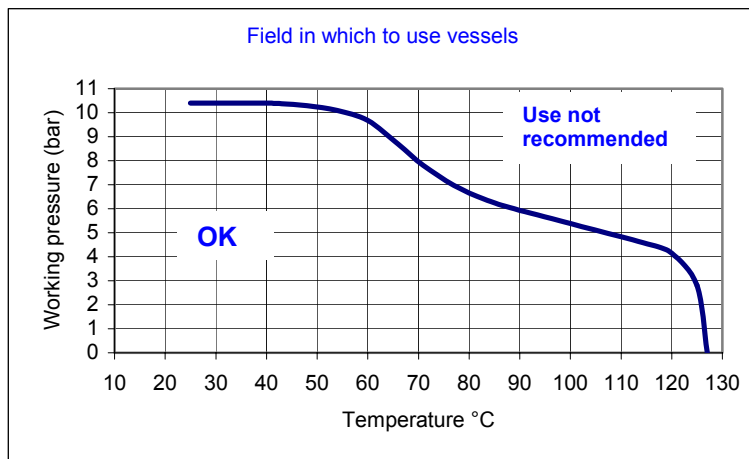
The range Filter Vessels in polypropylene of Fluxa Filtri S.p.A. has a high corrosion resistance, superior strength and economy. Superior strength is achieved by reinforcing the polypropylene material with glass fiber. The vessels are moulded in one piece and the max working pressure is 10 bar. The vessels are available in various models: they can contain 5 20" filter cartridges or 5 30" filter cartridges, or one single filter bag or one double filter bag. The bag filter have a max. flow rate up to 28 m<sup>3</sup>/h and the cartridge filters have a max. flow rate up to 15 m<sup>3</sup>/h. The inlet and outlet connections are 2" BSP (DIN 228-1), and the gauge and vent valve connections are 1/4" BSP (DIN 228-1). The vessels are accessed via a threaded cover requiring no tools for opening or closing.

1. Vent valve (Glass Filled PP)
2. Cover (Glass Filled PP)
3. Body (Glass Filled PP)
4. Basket \* (Natural PP)
5. Drain plug (Glass Filled PP)
6. Gauge connection (Glass Filled PP)
7. O Ring (Viton)
8. Bag retainer \* (Natural PP)
9. O Ring (Viton)
10. Filter cartridge retainer \*\* (Natural PP)
11. Filter cartridge support \*\* (Natural PP)

\* Filter bag version

\*\* Filter cartridge version

On request we can supply vent taps and differential pressure gauges.



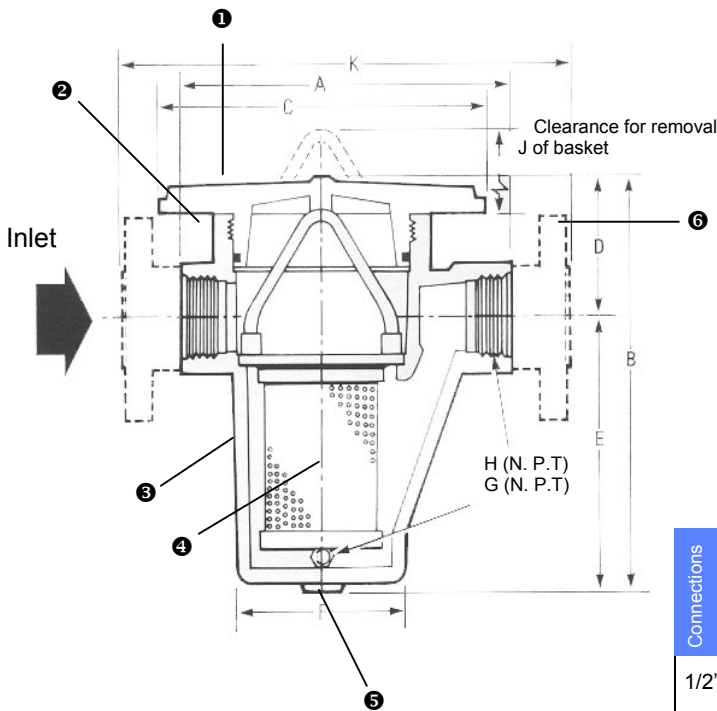
Modell	"A" mm	"B" mm	"C" mm	Peso Kg
BG1P1	610	866	508	27
BG1P2	1016	1273	914	36
CT5P2	610	866	508	27
CT5P3	1016	1273	914	36

# SIMPLEX BASKET STRAINERS 1/2" – 8"



All Simplex Basket Strainers feature a body drain port and are rated at 150 psi. 1/2" through 4" strainers are available in PVC, CPVC, and PP with Viton seals. Connections are threaded, flanged or suitable for welding. Access to the basket is simplified with a unique hand removal cover, no tools of any kind are needed for basket cleaning or replacement. 6" and 8" PVC Simplex Basket Strainers are designed to handle flow rates of 1.000 gpm with a 1 psi pressure drop. Filters can easily be used in a Duplex configuration. The models from 1/2", 3/4" and 1" are available with retention from 0.8 to 5 mm. Models 6" and 8" are with retention of 3 and 5 mm. Baskets in wire mesh stainless steel are available. The one piece, fully moulded construction, provides a rugged, efficient and totally reliable design.

Connections	Material	Connections	Gaskets	Working pressure
1/2" – 4"	PVC, CPVC	Flanged, threaded or suitable for welding	Viton	10 bar @ 21°C
1" – 2"	PP	Threaded, flanged		
6" – 8"	PVC	Flanged		



1. Cover
2. Seal
3. Body
4. Basket
5. Drain Plug
6. Outlet flange

Dimensions in mm

Connections	A	B	C	D	E	F	G	H	J	K	Weight Kg	
											hreaded	Flanged
1/2"	178	216	178	80	133	90	3/8"	1/2"	178	-	1.5	-
3/4"	178	216	178	80	133	90	3/8"	3/4"	178	-	1.5	-
1"	178	216	178	80	133	90	3/8"	1"	178	241	1.5	1.9
1 1/2"	264	314	264	102	203	140	3/8"	1"	260	340	5.7	6.3
2"	264	314	264	102	203	140	3/8"	2"	260	346	5.7	6.3
3"	384	429	381	159	270	178	3/8"	3"	318	483	9.5	11.8
4"	384	537	381	159	376	178	3/8"	4"	419	508	10.9	14.5
6"	-	682	381	215	469	216	1/2"	-	546	508	-	22.7
8"	-	853	381	215	640	216	1/2"	-	718	576	-	31.8

