

ANGLED FILTERS

C series

The C series filters are used in simple filtration situations where we are faced with inorganic particles such as small quantities of sand or as secondary filters in filtration systems. The distinctive characteristic of these filter series is that the water inlet and outlet form a 90 degree angle (angled). The series advantage is that it can utilize two different internal filtration elements, one inside the other, that each of them has a different mesh density. The dual internal element system offers the advantage of gradual filtration as well as increased filtration surface.



C series filter with double cartridge elements

The main parts of this filter series are the metal body, the internal cartridge and the lid. The internal cartridge is available in different mesh densities, depending on the water contamination level.

The filter is cleaned manually, by means of opening the drain vane at the lower part of the metal body. For better cleaning results, the filter must be opened, the internal cartridge element must be taken out and washed with water. Furthermore, a self washing system "autoflush" can be added to the filter so that the grade of clogging can be controlled and the filter can be given the order to self clean automatically.

C series filter
with
Autoflush
system
addition



General Characteristics

The filtration grade ranges from 4000 to 45 microns.

Their anti corrosive protection includes surface treatment using phosphoric acids followed by electrostatic polyester paint, while other available paint and material options are also available pending request.

The product is supplied with multiple couplings and flanges options availability (DIN, ASA, etc) conforming to all required international standards.

The maximum operating pressure is 8 bars (116 psi).

They are available in other specifications, such as self cleaning version.



Characteristics

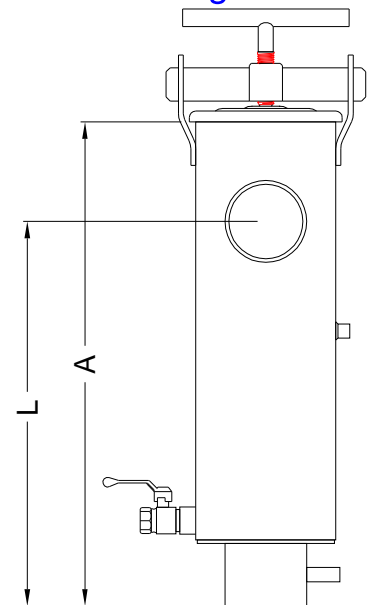
Product Key / Type	Inlet / Outlet	Coupling	Filtration Surface		Flow Rate		Maximum Pressure	
			cm ²	in ²	m ³ /h	gpm	bar	psi
05-02-200	2"		972	150	15-23	66-101	8	116
05-02-202 long	2"		2088	323	15-30	66-132	8	116
05-02-203 double	2"		1651	256	15-23	66-101	8	116
05-02-201	2"		3432	532	15-30	66-32	8	116
05-02-250	2 1/2"		1634	253	22-35	97-54	8	116
05-02-300	3"		2088	323	28-40	123-176	8	116
05-02-303 double	3"		3432	532	28-40	123-176	8	116
05-02-301 super double	3"		4632	718	28-50	123-220	8	116
05-02-400	4"		2350	364	40-75	176-330	8	116
05-02-401 double	4"		4632	718	40-75	176-330	8	116
05-02-600 super	6"	F	4095	635	80-150	332-660	10	145

M = Thread (B.S.P), F = Flange

Dimensions

Type	L		A		Weight	
	mm	in.	mm	in.	kg	lbs
2"	230	9.0	250	9.8	10.1	22.3
2 1/2" long	445	17.5	500	19.7	14.5	32.0
2" double	230	9.0	250	9.8	10.6	23.4
2" long double	445	17.5	500	19.7	15.4	34.0
2 1/2"	360	14.2	400	15.7	12.9	28.4
3"	450	17.7	500	19.7	16.2	35.7
3" double	450	17.7	500	19.7	17.5	38.6
3" super double	450	17.7	500	19.7	24.7	54.5
4"	450	17.7	500	19.7	25.0	55.1
4" double	450	17.7	500	19.7	26.0	57.3
6" super	700	27.5	750	29.5	68.0	150.0

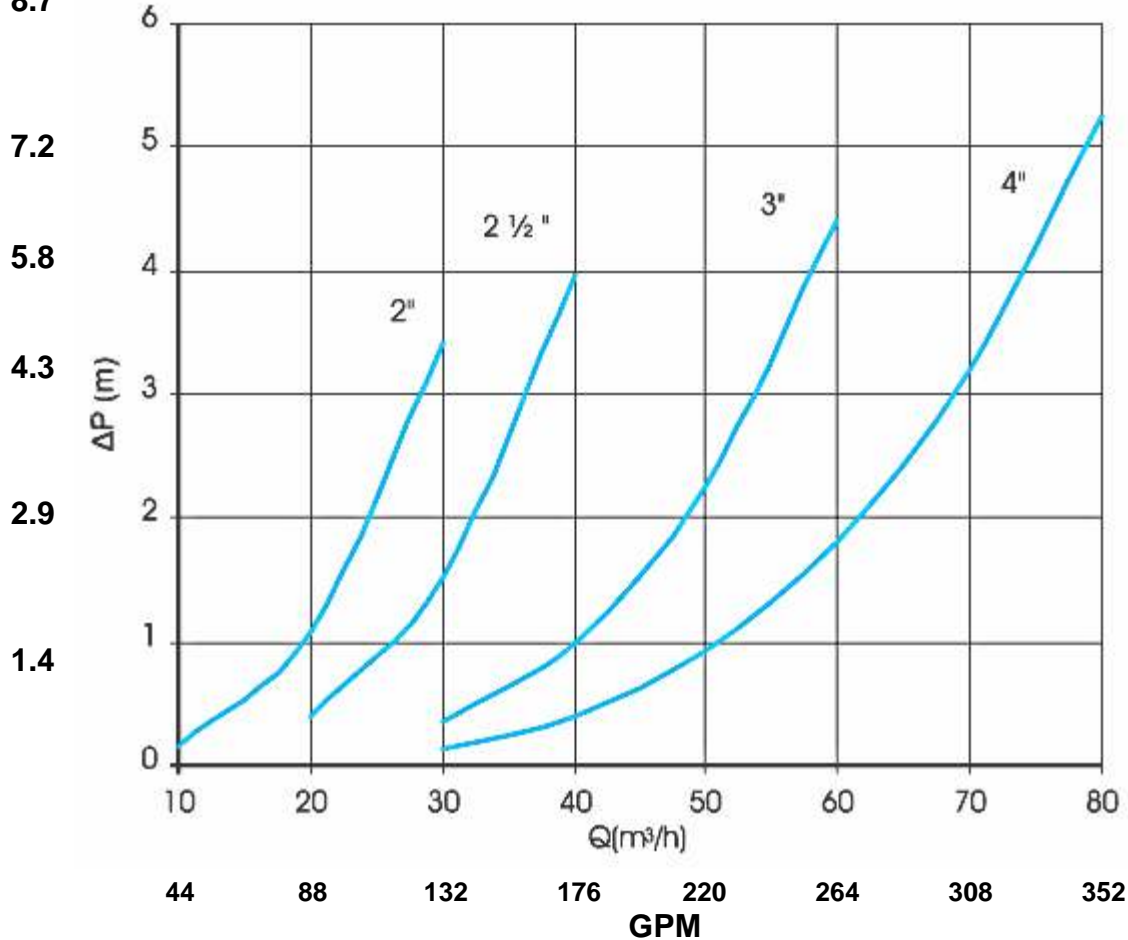
Dimension Diagram



Product Specification Sheet: **C series**

C series pressure loss diagram

8.7



Note: All measurements have been taken using 120 micron screen mesh, under clean water conditions.

Mesh data

Mesh	Width (micron)
40	470
50	400
60	320
80	220
120	140
140	115
160	90
180	80

Note: Other filter sizes are available on demand.