

TRIPLLO Filter

The “TRIPLLO” filter is a different design based on the existing filter systems like cartridge- and bag filters. The word “TRIPLLO” already explains it. The “TRIPLLO” filter is one filter with three options: cartridge filter, bag filter and basket filter. Three possible filters in one and the same filter housing.

It is often very difficult to know in advance which of the above filters one needs for a certain job. The “TRIPLLO” filter makes it possible to adjust your choice later to a different situation. By simply changing the internals one can make another filter. Sometimes a bag gets blocked too fast and is it better to change to cartridges with a bigger filterarea.

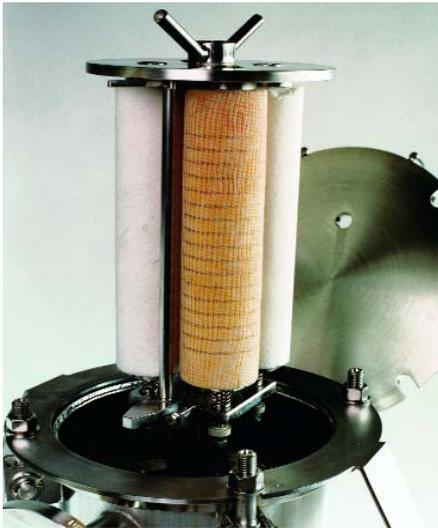
Next to the multiple-choice system the “TRIPLLO” filter also has a guaranteed sealing for microfiltration, because the fixation of the internals is not connected to the closing of the cover, but by separate mechanism.

The cartridge filter operates **up-flow** and the particles are kept in the bottom side of the housing. Changing of cartridges is reduced to an easy operation by moving the filter pack upwards on a rod centralized in the middle of the filter housing. The cartridges are removed to the side by pushing a spring while the filter pack is fixated by a braking mechanism.

The basket- and bag filter works **down-flow**, so when the filter is changed from cartridge to bag one also has to change the in- and outlet.

The filter houses can be also made in duplex or with a double body



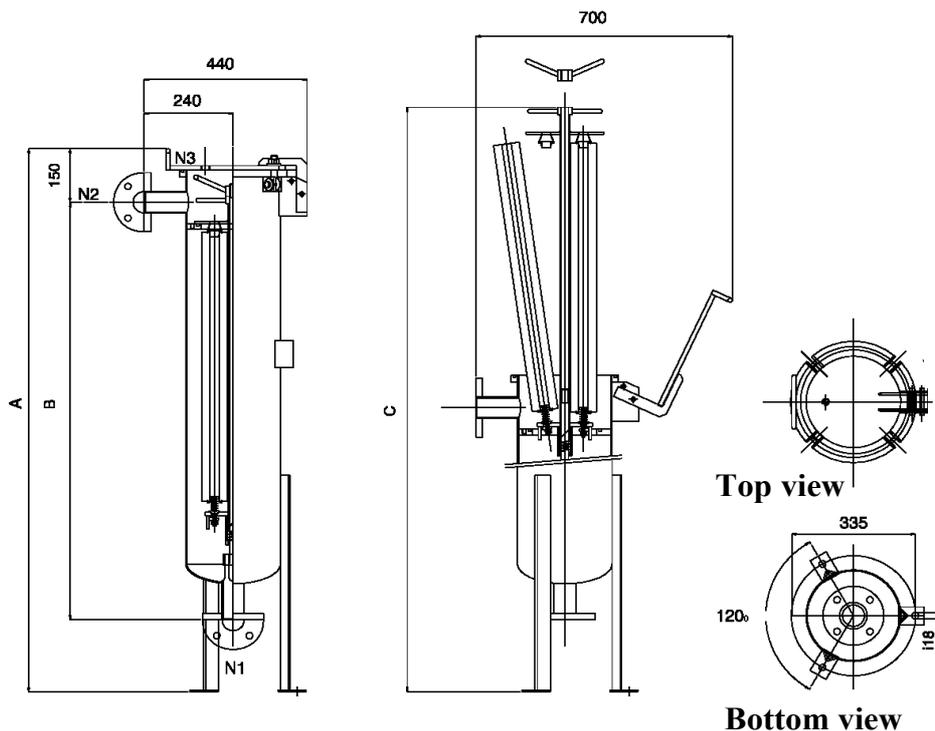


Advantage of the “TRIPLO” filter

- * Flexible in applications
- * Three filters for one price
- * Good sealing, also at low microsizes

TRIPLO

Type	410	420	430	440
N1/2	DN40	DN40	DN50	DN80
N3	1/2”BSP	1/2”BSP	1/2”BSP	1/2”BSP
N4	1/4”BSP	1/4”BSP	1/4”BSP	1/4”BSP
Capacity m3/hour	6.5/9 at 5/25 mic	13/18 at 5/25 mic	19/27 at 5/25 mic	26/36 at 5/25 mic
Working pressure Mpa	1.0	1.0	1.0	1.0
Workingtemp °C	120	120	120	120
As filterelement you have the following options :				
Filtercartridges	4 x 10”	4 x 20”	4 x 30”	4 x 40”
	1 until 100 micron			
Filterbags	1 filterbag		1 filterbag	
1-800 micron	0,25 m ²		0,5 m ²	
Basket length	250mm	400mm	600mm	750/ 1000mm
Dimensions : min./max.				
A mm	765/1025	1030/1290	1280/1540	1530/1790
B mm	645	910	1160	1410
C mm	1290/1550	1690/1950	1940/2200	2190/2450



Filter housings: FSI/Pentek (Ametek)

Next to the heavy duty SS filter housing V&T Group has a wide range of light duty filter housing from the FSI and Pentek (Ametek) program.

These are low-priced and easy to operate, so ideal for light and simple applications.

The filter housing is made of SS or Plastic and are working on the basis of filter bags or filter cartridges. These need to be changed manually and can be supplied by V&T Group .

The program contains a large amount of simple SS filter housings. From small 10" filter housing for 1 filter cartridge, to large filter housings for 72 or more cartridges. The bag filters can carry, depending on the type 1 to 8 filter bags.



From the FSI program V&T Group has chosen the plastic X100 filterhouse. This filterhouse can work (depending on the insert) with filterbags or filtercartridges. This in polypropylene made filterhousing are very lightweighted in there kind and is acid-resistant.

Typical filterbags and filtercartridges are available from 1 to 800 micron.



V&T Filtergroup, has the complete Pentek (former Ametek) plastic single filterline in its programme. The plastic housing is available in length of 5", 10", and 20" with $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1" and $1\frac{1}{2}$ " connections. The housing is made of polypropylene, styrene-acrilonitrile or nylon with glassfiber. The housing is FDA approved and can be delivered with a pressure relief button. The standard sealing is an O-ring of Buna-N, but on request we can supply viton, silicon or EPDM.





TRIPLO 420 in Duplex

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