



# Technical Data

## Gravel Filters >

### > Single Chamber

Code	Descript.	Ø mm	Input/ Output	Q <sub>max</sub> m³/h	
AFLT001	Painted	500	2"	18	
AFLT008	Painted	750	3"/76 vt	40	
AFLT037	Painted	900	89/89 vt	62	
AFLT032	Painted	950	89/89 vt	68	
AFLT036	Painted	1.200	DN100	120	
AFLT011	Galvanized	500	2"	18	
AFLT014	Galvanized	750	3"/76 vt	40	
AFLT015	Galvanized	950	89/89 vt	68	

#### DESCRIPTION:

##### Application

- Surface waters, lakes, channels

##### Specifics

- Maximum pressure: 8 bar
- Couplings: threaded, flanged, victaulic
- Filtering element: 0,8/1,2 mm quartz
- Lock-up: 2" screw, others: bolts

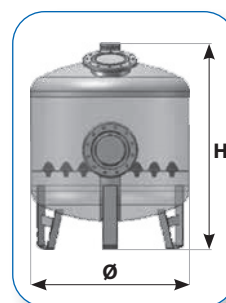
##### Features

- Filtration nozzles bed
- Filtration nozzles 0,3 mm

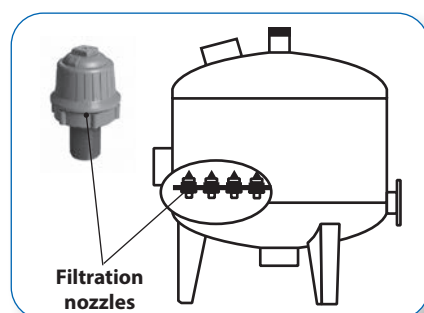
##### Materials

- Body and cap: epoxy painted steel-galvanized steel
- Filtration nozzles: polypropylene
- Seals: EPDM

Code		Ø	H	Weight kg		Filtration nozzles nr
Painted	Galvanized	mm		Body	Gravel	
AFLT001	AFLT011	500	980	50	125	15
AFLT008	AFLT014	750	1.080	70	275	20
AFLT037		900	1.170	170	350	42
AFLT032	AFLT015	950	1.150	120	375	41
AFLT036		1.200	1.190	280	600	55



- The quartzite sand filter is particularly suitable in the presence of water rich in organic substances and microorganisms, typical of surface waters such as canals and ponds.
- The filtration capacity is proportional to the average grain size of the quartz sand ( $0,8 \div 1,2$  mm) or of the grit (crushed silica) and the concentration of solids in suspension in the water (T.S.S.) measured in mg / l or p.p.m. ( $1 \text{ mg / l} = 1 \text{ p.p.m.}$ ), able to give a rough indication of the type of water to be treated.



- The separation, between the volume of the filter containing the grit and the space in which the filtered water comes out, is made with a reinforced metal plate on whose passage holes are placed the removable plastic diffusers.