

# Filters & Aerators

- Steel tanks for water treatment technology.  
Submerged arc welded on automated production line.
- Production plant supervised by UDT, TÜV and NORD.
- Topcoat of C3 Class as a standard corrosion protection coating requires no additional tank painting on-site water treatment plants. The coatings are applied in spray booths.
- Inspection hatches sizes DN 500 and DN 600 facilitate access to the interior of the tank during maintenance work.
- Recognized supplier in the market of nozzles and drainage pipes guarantees a long service life. Precise manufacturing of nozzles ensures excellent performance during filtration, air and water flushing and the filter venting beneath the nozzle plate.

## CGH – large filter specialist



## Basic dimensions of tanks

Type	Diameter	Height of cylindrical section L1	Water inlet & outlet connections		Hopper hatch	Inspecti on hatches		Ventilation port	Compressed air connection
			K1	K4	M1	M2	M3		
			DN PN10	DN PN10	DN PN10	DN PN10	DN PN10		
		L1	K1	K4	M1	M2	M3	K2	K3
	[mm]	[mm]	DN PN10	DN PN10	DN PN10	DN PN10	DN PN10	DN PN10	DN PN10
FC08-1	800	1500	100	250	400	50	50		
FC10-1	1000	1500	100	250	400	50	50		
FC12-1	1200 (1250)	1500	100	250	500	50	50		
FC12-2	1200 (1250)	2000	100	250	500	50	50		
FC14-1	1400	1500	125	250	500	50	50		
FC14-2	1400	2000	125	250	500	50	50		
FC16-1	1600	1500	125	250	500	50	50		
FC16-2	1600	2000	125	250	500	50	50		
FC18-1	1800	1500	125	250	600	50	50		
FC18-2	1800	2000	125	250	600	50	50		
FC20-1	2000	1500	125	300	600	80	80		
FC20-2	2000	2000	150	300	600	80	80		
FC22-1	2200	1500	150	300	600	80	80		
FC22-2	2200	2000	150	300	600	80	80		
FC24-1	2400	1500	150	300	600	80	80		
FC24-2	2400	2000	150	300	600	80	80		
FC25-1	2500	1500	200	300	600	80	80		
FC25-2	2500	2000	200	300	600	80	80		
FC28-2	2800	2000	200	300	600	100	100		
FC29-2	2900	2000	250	300	600	100	100		
FC30-2	3000	2000	250	300	600	100	100		

Flanges acc. to PN EN-1092-1, type 01B

