Central filter systems for cold water

“Point of Entry” solution

The self-cleaning central **CSW-filter systems** are especially designed to remove not only the Legionella bacteria but also all bacteria in general. The **CSW-filter systems** can be installed directly into the cold water line. The **CSW-filter system** will be delivered ready for use built on a hot dipped galvanized frame, including all necessary controls for automatic and regular cleaning of the filter elements.

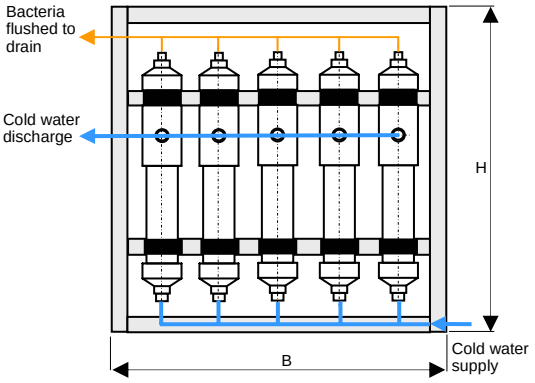
KTW approved

DVGW

Geprüfte Qualität
Hygiene-Institut des Ruhrgebiets
www.HYG.de
Institut für Umwelthygiene und Umweltmedizin
Gutachten W-146440-06-SI Hohlfasermembranfilter Type CSWfilter

Technical specification

- Type of filtration process; **ULTRAFILTRATION**
- Type of membranes; SevenBore
- Exchangeable filter elements during operation
- Efficiency for reduction of bacteria 99,9999999% (log 8)
- Efficiency for reduction of viruses 99,99% (log 2)
- Pore size of membranes 0,03 µm
- Normal life time of filter elements 3 to 5 year
- Adjustable cleaning frequency
- Adjustable cleaning time
- Power consumption max. 8 Watt
- Electrical supply 24 or 230V
- Pressure drop 1 bar at 3 bar water pressure
- Maximum water pressure 6 bar
- Maximum water temperature 40°C
- Delivered ready for use



Filter type UFKS		2-50-510	2-63-510	2-75-510	2-90-510	3-90-510	2-90-1000	3-90-1000	4-90-1000
Capacity	ltr/min	17	22	33	43	67	87	130	173
Capacity	m3/h	1	1,3	2	2,6	4	5,2	7,8	10,4
Width (B)	mm	500	500	500	500	650	500	650	800
Height (H)	mm	1100	1100	1100	1100	1100	1800	1800	1800
Depth	mm	250	250	250	250	250	250	250	250
Electrical supply		24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V
Number of filter elements		2	2	2	2	3	2	3	4
Water supply	mm	20	25	25	32	40	40	50	63
Water discharge connection	mm	20	25	25	32	40	40	50	63
Connection of flush water line	mm	20	20	20	20	20	20	20	20

Filter type UFKS		5-90-1000	6-90-1000	7-90-1000	8-90-1000	9-90-1000	10-90-1000	11-90-1000	12-90-1000
Capacity	ltr/min	217	260	303	347	390	433	477	520
Capacity	m3/h	13	15,6	18,2	20,8	23,4	26	28,6	31,2
Width (B)	mm	950	1100	1250	1400	1550	1700	1850	2000
Height (H)	mm	1800	1800	1800	1800	1800	1800	1800	1800
Depth	mm	250	250	250	250	250	250	250	250
Electrical supply		24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V	24 or 230V
Number of filter elements		5	6	7	8	9	10	11	12
Water supply	mm	63	63	75	75	75	90	90	90
Water discharge connection	mm	63	63	75	75	75	90	90	90
Connection of flush water line	mm	20	20	20	20	20	20	20	20