

LW Filter System CC

Area of application:

Filter system for partial deacidification of soft and acidic water. The special filter material binds the free carbon dioxide and raises the pH value to the alkaline range.

The water to be treated should be free of mechanical impurities.

Depending on the pH value and water consumption, the filter material is used up and must be refilled from time to time.



Function:

The filter system is designed as a single unit.

Includes control valve, electronic control unit with freely programmable backwash interval and backwash times.

Filter filling consisting of calcium carbonate granulate approved for drinking water treatment.

TECHNICAL DATA		CC 10	CC12	CC13	CC14	CC16	CC18
Tank size	Inch	10x54	12x52	13x54	14x65	16x65	18x65
Flow rate (min/max)	m³/h	0.5/0.75	0.7/ 1.1	0.8/ 1.3	1.0/ 1.5	1.2/ 1.85	1.8/ 2.5
Filter diameter	mm	257	310	336	363	413	486
Filter area	m	0.051	0.073	0.086	0.10	0.130	0.164
Operating pressure (min/max)	bar	2.5/ 8.4	2.5/ 8.4	2.5/ 8.4	2.5/ 8.4	2.5/ 8.4	2.5/ 8.4
Operating temperature (max)	°C	30	30	30	30	30	30
Ambient temperature (max)	°C	40	40	40	40	40	40
Backwash flow rate @ 35 m/h	m³/h	1.80	2.6	3.0	3.5	4.30	5.75
Backwash water volume/15 min flush	m3	0.45	0.65	0.75	0.88	1.07	1.44
Space requirement W x D x H	mm	450 x 450 x 1800	450 x 450 x 1800	450 x 450 x 1800	500 x 500 x 2100	600x600 x2100	650x650 x2100

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