

LW filter system GSP

Area of application:

Electronically controlled filter system for removing iron and manganese from drinking water, well water and service water.

Pressure filter made of corrosion-resistant GRP with fittings for water distribution and Greensand Plus filter filling. Equipped with a storage tank for potassium permanganate solution for regeneration of the filter material.

Technical data:

Flow pressure: min. 2.5 bar

Water pressure: max. 8 bar

Water temperature: 5–40 °C

Power connection: 230 V / 50 Hz

Function

The filter system is designed as a single unit.

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



TECHNICAL DATA		GSP10	GSP12	GSP13	GSP14	GSP16	GSP18	GSP21
Tank size	Inches	10x54	12x52	13x54	14x65	16x65	18x65	21x62
Flow rate (min/max)	m³/h	0.75-1.0	1.1-1.5	1.3-1.7	1.5-2.0	1.9-2.5	2.3-3.3	3.0-4.4
Filter diameter	mm	254	304	334	369	406	480	552
Filter area	m²	0.051	0.073	0.084	0.10	0.123	0.164	0.219
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	2.5/ 8.4
Filter filling Support gravel (2.0–3.15 mm)	litres	4	5	6	8	10	15	25
Filter filling Greensand Plus	litres	41	57	68	90	110	150	200
Backwash flow rate	m³/h	1.30	1.8	2.5	3.0	3.70	5.0	6.6
Backwash water volume/ 15 min flush	m³	0.50	0.55	0.63	0.75	0.92	1.25	1.65
Space requirement W x D x H	mm	400 x 400 x 1600	400 x 400 x 1600	400x400 x1600	400 x 400 x 1900	450x450 x1900	500x500 x2000	600x600 x2000

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