

Multifunctional water purification filters Krilico MS



Classic Krilico MS multifunctional units consist of separate filter housings with ion exchange resin and a salt tank. They are used for high water consumption, mainly in industry or commerce. During the rinsing (regeneration) of individual such units, the water flow to the consumer is cut off or supplied with the original quality. For continuous water supply to the consumer, several such units are mounted in parallel or continuous action softeners of the Krilico MD series are used.

The system is used for water purification in homes, offices, industrial use, as well as for heating and power systems. This system is designed to remove iron, manganese, calcium and magnesium carbonates, hydrogen sulfide, ammonia, and other organic compounds in a single stage.

The presented filters have digital control. Regeneration initiation is freely programmable based on:
the volume of purified water, time, or whichever comes first.

Supply kit:

1. Filter housing;
2. Flow distribution system (distributor);
3. Ion exchange resin of various characteristics;
4. Control valve included;
5. Salt tank;
6. Product passport and operating instructions.

Acceptable quality indicators for the source water:

- Hardness - 15.0 mg-eq/l
- Iron - 15.0 mg/l
- Manganese - 3.0 mg/l
- Oxidizability - 5.0 mg O₂/l
- Ammonium - 4.0 mg/l

Before purchasing, we recommend consulting with a specialist.

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Krilico MS	1035	1054	1044	1054	1248
Nominal performance, m ³ /h	1,2	1,8	1,8	1,8	2,6
Maximum performance, m ³ /h	1,5	2,3	2,3	2,3	3,3
Maximum softened water volume between regenerations at a hardness of the source water of 15°d *	0,84	1,17	1,49	1,73	2,10
Resin volume, liters	18	25	32	37	45
Ion exchange resin capacity, m ³ x °d	12,6	70	89,6	103,6	126
Connection diameter, Inlet/Outlet/Drain, inches	1/1/3/4	1/1/3/4	1/1/3/4	1/1/3/4	1/1/3/4
Average salt consumption per DownFlow backwash, kg	1,8	2,5	3,2	3,7	4,5
Water volume per backwash (no more), l	201	236	436	441	564
Backwash intensity, m ³ /h	0,52	0,81	0,81	0,81	1,17
ΔP at nominal flow rate, bar	0,5	0,5	0,5	0,5	0,6
Dry weight, kg	23,9	29,9	35,8	40,1	46,7
Salt tank capacity, l	60	60	60	70	70
Overall dimensions, WxDxH, mm	614x390x1096	664x390x1096	664x390x1325	664x390x1579	715x390x1427
Salt tank dimensions, WxDxH, mm	390x390x810	390x390x810	390x390x810	390x390x810	390x390x810
Catalog number	MS0835-C	MS1035-C	MS1044-C	MS1054-C	MS1248-C

* When the content of Fe and Mn in the source water does not exceed the maximum permissible level.

Key features of the Krilico MS water softening installations:

Water operating pressure: 2.5 - 7 bar

Power supply: 120V AC - 220V AC, 50-50 Hz

Output electrical power supply: 12V AC

Water operating temperature min./max.: 3-40 °C

Ambient temperature: 2-45 °C

Protection class: IP44

For ease of installation and operation, we recommend purchasing:

- Flexible hoses for connection M-F 1" L=80 cm
- 25 kg package of salt tablets
- Water hardness test – Aquatest

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Krilico MS	1252	1354	1465	1665	1865
Nominal performance, m ³ /h	2,6	3	3,5	4,6	5,8
Maximum performance, m ³ /h	3,3	3,9	4,5	5,9	7,4
Maximum softened water volume between regenerations at a hardness of the source water of 15°d *	2,33	2,89	3,50	4,67	5,83
Resin volume, liters	50	62	75	100	125
Ion exchange resin capacity, m ³ x °d	140	173,6	210	280	350
Connection diameter, Inlet/Outlet/Drain, inches	1/1/3/4	1/1/3/4	1/1/3/4	1,5/1,5/1,25	1,5/1,5/1,25
Average salt consumption per DownFlow backwash, kg	5	6,2	7,5	10	12,5
Water volume per backwash (no more), l	564	712	822	1066	1233
Backwash intensity, m ³ /h	1,17	1,37	1,59	2,07	2,63
ΔP at nominal flow rate, bar	0,6	0,6	0,6	0,4	0,5
Dry weight, kg	52,8	64,5	78,4	118,7	149,7
Salt tank capacity, l	100	100	100	140	200
Overall dimensions, WxDxH, mm	775x450x1528	801x450x1579	826x450x1858	927x500x1862	1028x550x1862
Salt tank dimensions, WxDxH, mm	450x450x940	450x450x940	450x450x940	500x500x1060	550x550x1160
Catalog number	MS1252-C	MS1345-C	MS1465-C	MS1665-C	MS1865-C

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Krilico MS	2162	2472	3072	3672	4272
Nominal performance, m ³ /h	7,9	10,3	16	23	31,3
Maximum performance, m ³ /h	10,1	13,2	20,6	29,6	40,3
Maximum softened water volume between regenerations at a hardness of the source water of 15°d *	7	11,67	19,83	28	44,3
Resin volume, liters	150	250	425	600	950
Ion exchange resin capacity, m ³ x °d	420	700	1190	1680	2660
Connection diameter, Inlet/Outlet/Drain, inches	1,5/1,5/1,25	2/2/1,5	2/2/1,5	2/2/1,5	3/3/3
Average salt consumption per DownFlow backwash, kg	15	25	42,5	60	95
Water volume per backwash (no more), l	2368	2841	3916	6126	6127
Backwash intensity, m ³ /h	3,57	4,67	7,29	10,50	14,29
ΔP at nominal flow rate, bar	0,6	0,6	0,5	0,6	0,6
Dry weight, kg	181,4	298,9	475,4	660,1	996,1
Salt tank capacity, l	200	350	500	750	750
Overall dimensions, WxDxH, mm	1104x550x1786	1370x740x2065	1622x840x2065	1895x960x2065	2047x1067x2160
Salt tank dimensions, WxDxH, mm	550x550x1160	740x740x1275	840x840x1335	960x960x1395	960x960x1395
Catalog number	MS2162-C	MS2472-C	MS3072-C	MS3672-C	MS4272-C

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Key features of the Krilico MS water softening installations:

Water operating pressure: 2.5 - 7 bar

Power supply: 120V AC - 220V AC, 50-50 Hz

Output electrical power supply: 12V AC

Water operating temperature min./max.: 3-40 °C

Ambient temperature: 2-45 °C

Protection class: IP44

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- 25 kg package of salt tablets
- Water hardness test – Aquatest

Set of flexible hoses for quick and flexible connection

Connection type: M - 1" F - 1"
disconnectable

Length: 80 cm

Maximum pressure: 10 bar

Catalog number: FH1-80



Salt tablets for regenerating water softening installations

Packaging: 25 kg

Catalog number: SlT25-01



Express test for determining water hardness

Very convenient to use, allows for easy and quick data retrieval. The tester has a measuring range from 1 to 40 °dH.

The number of measurements depends on the specified water hardness.

Catalog number: AT0101

