

PROSEP FILTER SYSTEMS LTD

AQUAMATIC



AquaMatic
filter from clogging at all times.

Aquamatic is a completely automatic, self-cleaning filter that supplies filtered water constantly for a considerable period of time without the need of maintenance.

Aquamatic is equipped with an electronically controlled programmable automatic timing system. It activates the filtered water counter-wash cycle (a patented system), which guarantees perfect cleaning of the filter cartridge as well as the elimination of waste from the jar.

Aquamatic also works to clean the filter cartridge independently of the set time program, since it has a hydraulic differential that constantly checks the state of the filter element and activates the counter-wash when a differential pressure of 0.8 bar is detected. The device prevents the

The counter-wash filter inserted on the top serves to filter the water needed for cleaning the main cartridge, as well as to simultaneously deliver filtered water for use.

The connection plate on the filter is made of extremely strong hot-pressed OT58, and can be rotated 360°. If the pressure goes off, there is a non-return valve in the filter, to avoid water from flowing back.

Operating Program:

On the basis of standard use Aquamatic has a program that every 48 hours activates a counter wash cycle. It is also possible to program the counter-wash cycle according to specific needs. It can be set to 12, 24, 36, 48, 60, 72 or 84 hours. It is possible to choose 1 or 2 wash cycles. The device is programmed by using a screwdriver to adjust the dip-switch. The time required for 1 wash cycle is 19 seconds, with a consumption of 6 litres of water at an average pressure of 3 ATMs. Two wash cycles take 38 seconds, with a consumption of 12 litres of water at an average pressure of 3 ATMs.

UNIT G19, RIVER BANK WAY, LOWFIELDS BUSINESS PARK,
ELLAND, WEST YORKSHIRE HX5 9DN
TEL: 01422 377367 FAX: 01422 377369
Email: sales@prosep.co.uk Web: www.prosep.co.uk

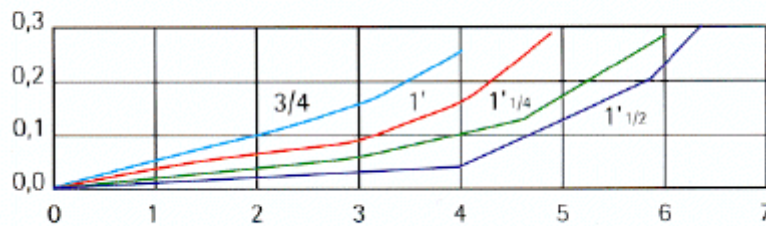
PROSEP FILTER SYSTEMS LTD

Automatic Self-Cleaning Filter - for treating drinking water for domestic and industrial use.

The Advantages

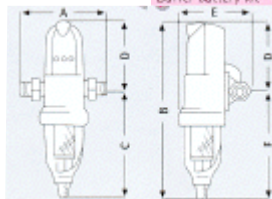
- Washing program - Timed with a differential pressure drop system
- Filter Cleaning - With a patented high speed system
- Brushing + Counter-Wash - With filtered water
- Reduced Water Consumption - Reduced water consumption on counter-washing
- No Interruption - No interruption of filtered water during counter-washing
- Filter Cartridge - AISI 304 stainless steel element
- Micron Rating - 90 micron upon request 30 - 150 micron also available

PRESSURE DROP WITH A CLEAN FILTER



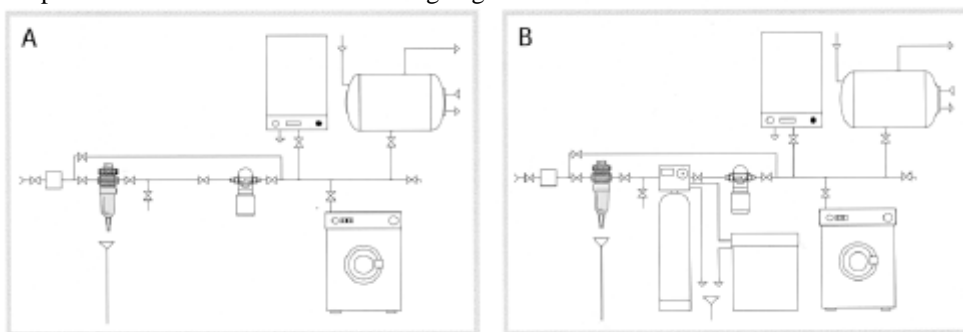
TECHNICAL FEATURES

FITTINGS		3/4" M	1" M	1 1/4" M	1 1/2" M
Recommended flow rate	m ³ /h	3,2	4,5	5	6
Max working pressure	BAR	10	10	10	10
Min working pressure	BAR	1,5	1,5	1,5	1,5
Max working temperature	60°c	60°c	60°c	60°c	60°c
Micron rating	MICRON	90	90	90	90
Pressure drop		0,2	0,2	0,2	0,2
Ext. power supply connection		18VCA 10W	18VCA 10W	18VCA 10W	18VCA 10W
Input		5W	5W	5W	5W
Buffer battery kit		12VOLT 1,2An	12VOLT 1,2An	12VOLT 1,2An	12VOLT 1,2An



COD	INLET/OUTLET	DIMENSIONS						QUANTITY box	VOLUME package	Kgs
		A	B	C	D	E	F			
AB010080	3/4" F	175	440	160	180	170	260	1	3	3,5
AB010090	1" F	175	440	160	180	170	260	1	3	3,8
AB010100	1 1/4" M	175	440	160	180	170	260	1	3	4
AB010110	1 1/2" M	175	440	160	180	170	260	1	3	4,2

Aquamatic automatic self-cleaning micrometric filter suitable for filtering water to eliminate foreign bodies, sand and/or other suspended substances. 90 micro filtering degree



A - UNI-CTI 8065 STANDARDS (filtration, dosing) - Typical centralised plant diagram - Sanitary water plants and hot water production - Alimentary water treatment with hardness less than 25°F.

B - UNI-CT 8065 STANDARDS (Filtration, softening, dosing) - Typical centralised plant diagram - Sanitary water plants and hot water production - Alimentary water treatment with hardness less than 25°F.

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