



Reverse Osmosis Components

***Residential
cleaning and
self-cleaning filters***

RESIDENTIAL CLEANING AND SELF-CLEANING FILTERS

Market requirements in the residential water filtration business are every day asking for more simple and efficient equipments. Small, compact and easy to use products are essential in today's industries.

The cleaning and self cleaning filters line includes:

- MINIBRAVO
- BRAVO
- EKOCLEAN
- TOPCLEAN
- AQUAMATIC
- BRAVOMAX

MINIBRAVO



BRAVO



EKOCLEAN



TOPCLEAN



AQUAMATIC



BRAVOMAX / M



BRAVOMAX / A



RESIDENTIAL CLEANING FILTERS

MINIBRAVO

INTRODUCTION

Minibravo is a small, compact filter characterized by innovative technologies that make it a market leader in filtration.

It offers

- bi-directional connection
- opening from the top
- back-washing of the cartridge
- calendar

Once the filter has been installed, the bi-directional connection permits regulation of the water flow direction into the filter according to the need.

The opening from the top is a simple but useful feature and it permits easier maintenance operations.

APPLICATIONS

A MINIBRAVO Self cleaning filter (example 3/4" F fitting) is suitable for filtering water, eliminating suspended particles such as sand, slime, metal particles etc.

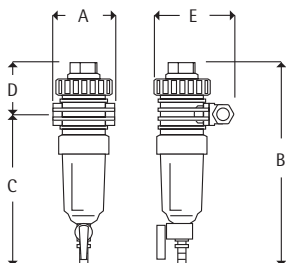
Materials

Component	Description
Body	Delrin
Bowl	Trogamid
Filtration cartridge	Polypropylene with nylon net
Thread connections	Brass GAS thread

Design data

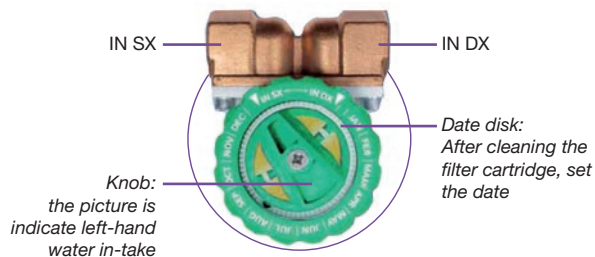
Component	Description
Max pressure	10 bar
Min pressure	1,5 bar
Max temperature	60°C
Filtration gradient	90 Micron

Code	Description	Flow rate	In / Out	Dimensions mm					Quantity BOX	Kg	€ / each
				A	B	C	D	E			
A8010480	MINIBRAVO 1/2" F	1,8	1/2" F	90	260	190	70	120	1	1,0	€ 148,18
A4010470	MINIBRAVO 3/4" F	3,2	3/4" F	90	260	190	70	120	1	1,0	€ 148,18



Bi-directional fitting

Once installed, the water in-take to the filter can be set as needed using the knob, indicated IN SX or IN DX



RESIDENTIAL CLEANING FILTERS

BRAVO

INTRODUCTION

Market requirements in the water filtration business are constantly demanding more simple and efficient equipment. Small, compact and easy to use products are essential in today's industries.

Bravo is the answer to these demands of the market.

Bravo is manufactured and moulded with a brass head, Trogamid sump, inbuilt discharge valve and stainless steel filter.

It offers

- compact dimension
- high flow rate
- pressure reading gauge (if requested)
- discharge valve

APPLICATIONS

A BRAVO Self cleaning filter (example 3/4" F fitting) is suitable for filtering water, eliminating suspended particles such as sand, slime, metal particles etc.

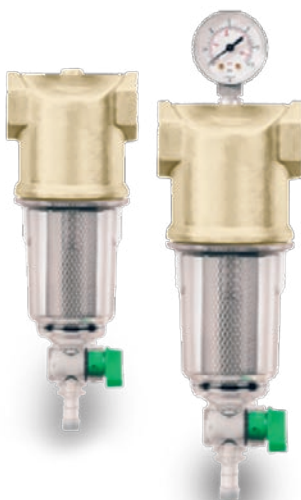
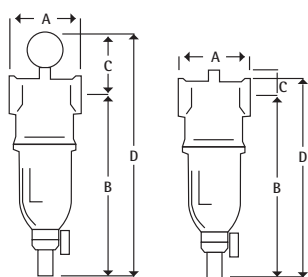
Materials

Component	Description
Body	Brass
Bowl	Trogamid
Filtration cartridge	AISI 304 stainless steel
Thread connections	Brass GAS thread

Design data

Component	Description
Max pressure	12 bar
Min pressure	1,5 bar
Max temperature	80°C
Filtration gradient	90 Micron

Code	Description	Flow rate	In / Out	Dimensions mm				Quantity BOX	Kg	€ / each
				A	B	C	D			
A8010590	BRAVO 1/2" F ¹	1,8	1/2" F	80	197	70	267	1	1,0	€ 118,98
A8010600	BRAVO 3/4" F ¹	3,2	3/4" F	80	197	70	267	1	1,1	€ 118,98
A8010610	BRAVO 1" F ¹	4,8	1" F	80	197	70	267	1	1,1	€ 118,98
A8010620	BRAVO 1/2" F ²	1,8	1/2" F	80	197	30	220	1	1,1	€ 116,81
A8010630	BRAVO 3/4" F ²	3,2	3/4" F	80	197	30	220	1	1,1	€ 116,81
A8010640	BRAVO 1" F ²	4,8	1" F	80	197	30	220	1	1,1	€ 116,81



1 - with pressure gauge
2 - without pressure gauge

RESIDENTIAL CLEANING FILTERS

INTRODUCTION

Ekoclean is an innovative cleaning product which uses a patented system involving BRUSHING + DRAINAGE to guarantee effective, thorough cleaning of the filter cartridge as well as the bowl, unlike other products on the market which eliminate only the dirt accumulated in the bowl without cleaning the cartridge. In addition, Ekoclean also drains out impurities that are suspended in the water.

Entirely made with quality materials in compliance with EEC standard.

APPLICATIONS

Suitable for filtering water, eliminating suspended particles such as sand, slime, metal particles etc. in small quantities.

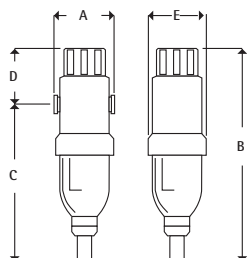
Materials

Component	Description
Body	Brass
Bowl	Trogamid
Filtration cartridge	AISI 304 stainless steel
Thread connections	Brass GAS thread

Design data

Component	Description
Max pressure	16 bar
Pressure drop	0,2 bar
Max temperature	60°C
Filtration gradient	90 Micron

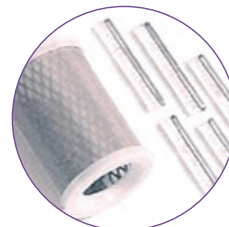
Code	Description	Flow rate	In / Out	Dimensions mm					Quantity BOX	Kg	€ / each
				A	B	C	D	E			
A8010050	EKOCLEAN 3/4" F	3,2	3/4" F	105	300	235	65	90	1	7,4	€ 205,50
A8010060	EKOCLEAN 1" F	4,5	1" F	105	300	235	65	90	1	7,4	€ 207,67
A8010070	EKOCLEAN 1"1/4 F	5	1"1/4 F	125	300	235	65	90	1	7,4	€ 214,16
A8010080	EKOCLEAN 1"1/2 F	12	1"1/2 F	125	365	295	70	90	1	8,5	€ 391,54



Cleaning manoeuvre
Turn the knob clockwise until clean.
Each turn brushes and discharges.



AISI 304 stainless steel cartridge
90 micron (30 micron upon request)



RESIDENTIAL SELF-CLEANING FILTERS

INTRODUCTION

TopClean is a self-cleaning system with double action. A simple manoeuvre activates high-speed counter-wash with water and a brush that cleans the surface of the filter cartridge, guaranteeing thorough cleaning.

Water enters the filter, passes through the diverter, flows down through the filter cartridge from the exterior to the interior, and comes out clean. By turning the knob clockwise the filter cartridge turns 90° and is automatically cleaned by the brushes located in the jar. At the same time the incoming water is diverted by the rotation and runs through the counter-wash filter, then enters the turbo-spray which sprays uniformly at high speed over the entire filter cartridge surface from the interior towards the exterior. Finally, the water comes out of the discharge together with the waste.

The filter cartridge, made of stainless steel mesh, maintains a constant degree of filtration over time and guarantees uniformity.

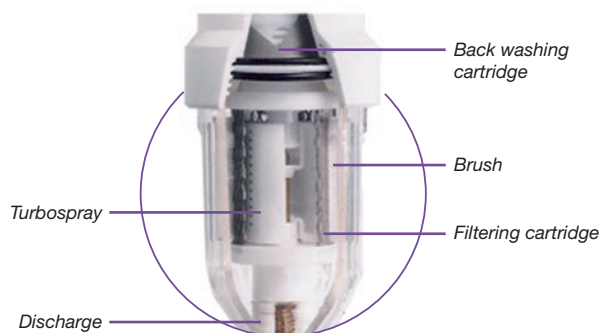
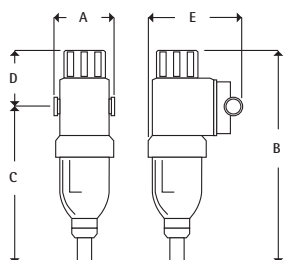
Materials

Component	Description
Body	Delrin
Bowl	Trogamid
Filtration cartridge	AISI 304 stainless steel
Thread connections	Brass GAS thread

Design data

Component	Description
Min/Max pressure	1,5 bar / 10 bar
Pressure drop	0,2 bar
Max temperature	60°C
Filtration gradient	90 Micron

Code	Description	Flow rate	In / Out	Dimensions mm					Quantity BOX	Kg	€ / each
				A	B	C	D	E			
A8010010	TOPCLEAN 3/4" M	3,2	3/4" M	115	340	260	80	150	1	5,0	€ 248,77
A8010020	TOPCLEAN 1" M	4,5	1" M	115	340	260	80	150	1	5,0	€ 256,34
A8010030	TOPCLEAN 1"1/4 M	5	1"1/4 M	115	340	260	80	150	1	5,0	€ 269,32
A8010040	TOPCLEAN 1"1/2 M	6	1"1/2 M	115	410	330	80	150	1	10,0	€ 419,66



RESIDENTIAL SELF-CLEANING FILTERS

AQUAMATIC

INTRODUCTION

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

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.

APPLICATIONS

Water filtration to eliminate sand and other various particles in small quantities.

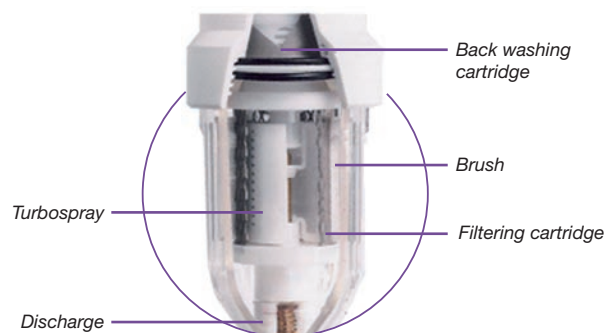
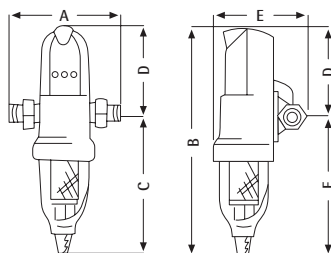
Materials

Component	Description
Body	Delrin
Connection plate	Hot pressed brass OT58
Bowl	Trogamid
Filtration cartridge	AISI 304 stainless steel
Thread connections	Brass GAS thread

Design data

Component	Description
Min/Max pressure	1,5 bar / 10 bar
Pressure drop	0,2 bar
Max temperature	60°C
Filtration gradient	90 Micron
Ext. power supply connection	18 VCA 10 W
Input	5 W

Code	Description	Flow rate	In / Out	Dimensions mm						Quantity BOX	Kg	€ / each
				A	B	C	D	E	F			
A8010080	AQUAMATIC 3/4" M	3,2	3/4" M	175	440	160	180	170	260	1	4,5	€ 940,99
A8010090	AQUAMATIC 1" M	4,5	1" M	175	440	160	180	170	260	1	4,7	€ 946,40
A8010100	AQUAMATIC 1"1/4 M	5	1"1/4 M	175	440	160	180	170	260	1	4,8	€ 964,79
A0810110	AQUAMATIC 1"1/2 M	6	1"1/2 M	175	440	160	180	170	260	1	4,9	€ 1.143,25



RESIDENTIAL SELF-CLEANING FILTERS

INTRODUCTION

The Bravomax/M filter is made entirely of hot-painted stainless steel, with the filtering element made of AISI 304 stainless steel. It filters to 150 microns (90, 200 upon request). During cleaning, the filter is brushed by a rotating system that simultaneously removes waste. The wash operation is carried out manually. To wash the cartridge, turn the knob on top of the filter. The knob must do a complete round. This method discharges the waste and clean the cartridge with brushes in the bowl. BravoMax/M must be installed with a by-pass and a visible discharge.

APPLICATIONS

Water filtration to eliminate sand and other various particles in small quantities.

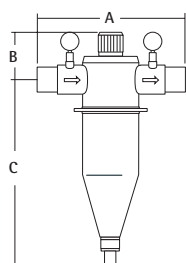
Materials

Component	Description
Body	AISI 304 stainless steel
Internal parts	AISI 304 stainless steel / Brass
Knob	Polypropylene
Filtration cartridge	AISI 304 stainless steel

Design data

Component	Description
Min/Max pressure	1,5 bar / 10 bar
Pressure drop	0,2 bar
Max temperature	60°C
Filtration gradient	150 Micron
Voltage	220 V - 18 V - 50 Hz / 60 VA
Water q.ty for cleaning	8/10 lt

Code	Description	Flow rate	In / Out ¹	Dimensions mm			Quantity BOX	Kg	€ / each
				A	B	C			
A8010260	BRAVOMAX/M 1" 1/2 M	14	1" 1/2 M	325	150	350	1	5,0	€ 1.652,68
A8010270	BRAVOMAX/M 2" M	20	2" M	325	150	350	1	5,3	€ 1.894,96
A8010280	BRAVOMAX/M 2" 1/2 M	25	2" 1/2 M	310	150	410	1	7,2	€ 2.033,41
A8010250	BRAVOMAX/M 3" M	35	3" M	310	150	410	1	9,0	€ 2.168,61



Cleaning manoeuvre
Turn the knob clockwise until clean.
Each turn brushes and discharges.



AISI 304 stainless steel cartridge
150 micron
(90, 200 micron upon request)



1 - UNI 2254 flanges upon request

RESIDENTIAL SELF-CLEANING FILTERS

BRAVOMAX/A

INTRODUCTION

The Bravomax/A filter is made entirely of hot-painted stainless steel, with the filtering element made of AISI 304 stainless steel. It filters to 150 micron (90, 200 micron upon request). During cleaning, the filter is brushed by a rotating system that simultaneously removes waste. The wash operation is carried out automatically by an electronic system that washes the cartridge according to pre-set times and/or using a differential that shows the degree of clogging in the cartridge.

BravoMax/A must be installed with a by-pass and a visible discharge and an electrical outlet is necessary.

APPLICATIONS

Water filtration to eliminate sand and other various particles in small quantity.

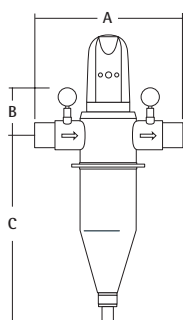
Materials

Component	Description
Body	AISI 304 stainless steel
Internal parts	AISI 304 stainless steel / Brass
Electronic panel cover	Delrin
Filtration cartridge	AISI 304 stainless steel

Design data

Component	Description
Min/Max pressure	1,5 bar / 10 bar
Pressure drop	0,2 bar
Max temperature	60°C
Filtration gradient	150 Micron
Water q.ty for cleaning	8/10 lt

Code	Description	Flow rate	In / Out ¹	Dimensions mm			Quantity BOX	Kg	€ / each
				A	B	C			
A8010290	BRAVOMAX/A 1" 1/2 M	14	1" 1/2 M	325	240	350	1	7,2	€ 2.704,00
A8010240	BRAVOMAX/A 2" M	20	2" M	325	240	350	1	7,5	€ 2.877,06
A8010300	BRAVOMAX/A 2" 1/2 M	25	2" 1/2 M	310	250	410	1	10,0	€ 3.004,68
A8010310	BRAVOMAX/A 3" M	35	3" M	310	250	410	1	13,0	€ 3.215,60



AISI 304 stainless steel cartridge
150 micron
(90, 200 micron upon request)

