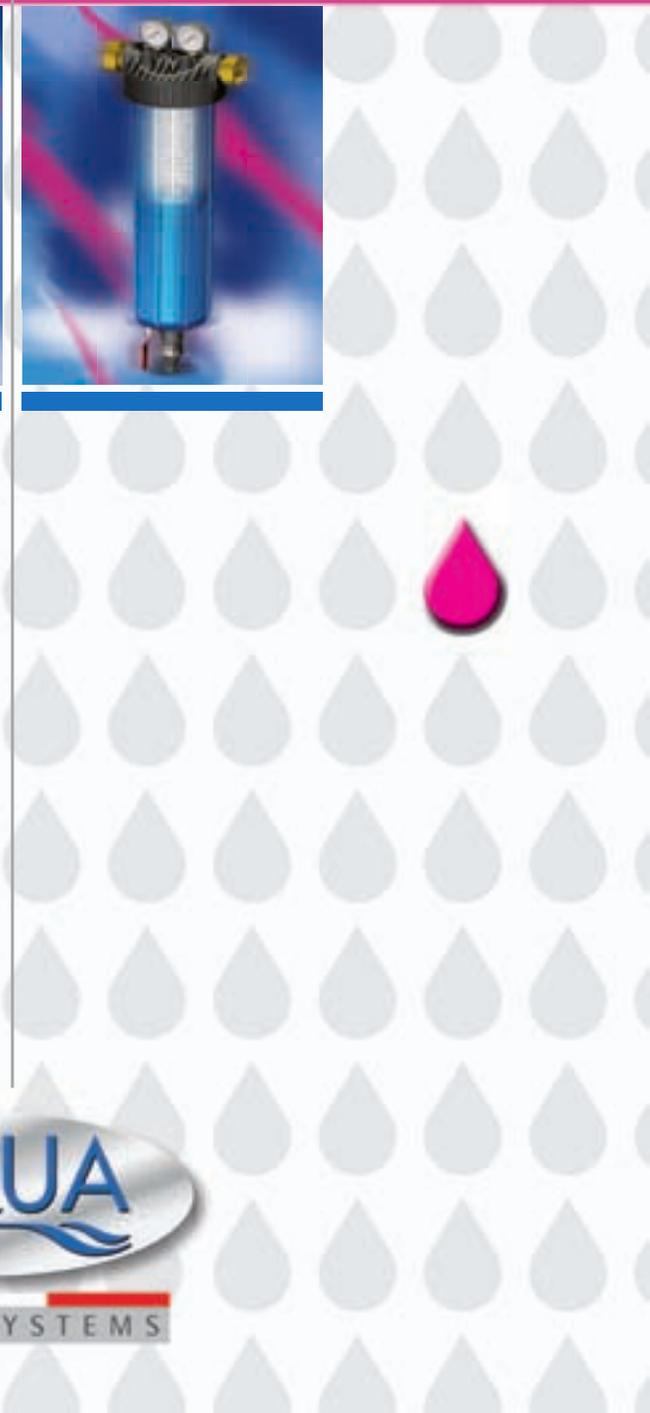




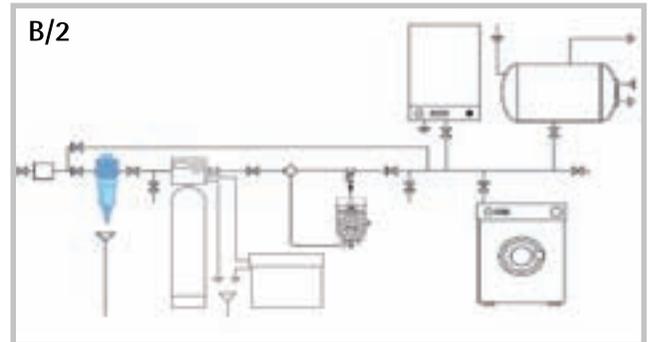
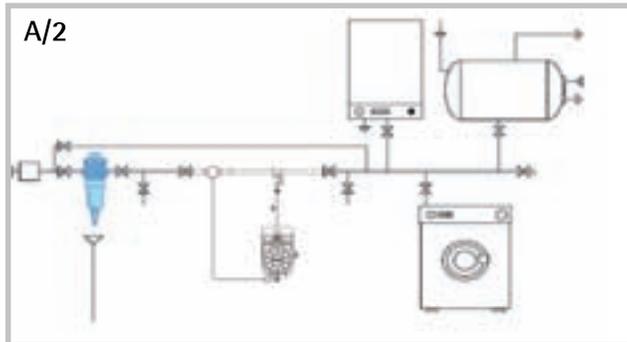
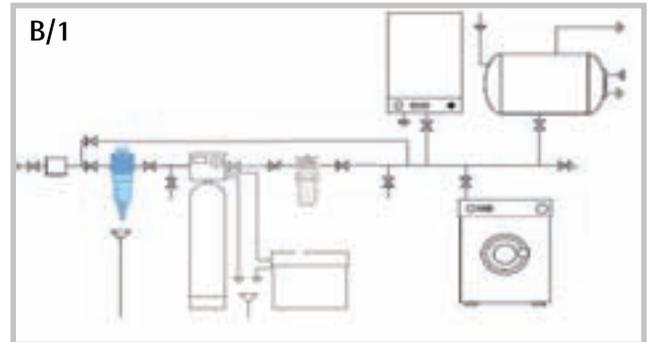
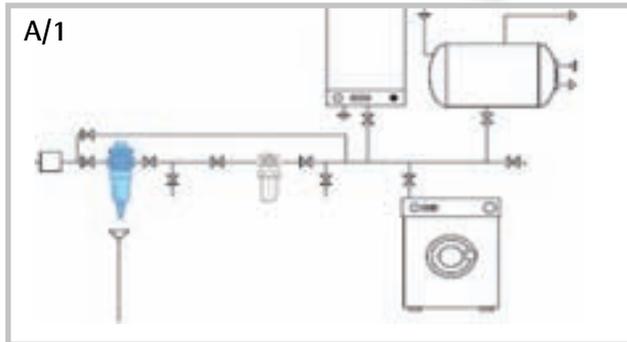
SELF-CLEANING
FILTERS



APPLICATION

Self Cleaning filters for domestic use, suitable for the filtration of water and eliminating sand and suspended particles down to 80 micron. Our Self cleaning filters are made using only high standard quality raw material.

A1/A2 – Filtration and Phosphate dosing: Centralized system and typical installation scheme. Sanitary & Hot water production. Point of entry water treatment system with hardness concentration lower than 250 mg/l.
B1/B2 – Filtration, Softening and phosphate dosing. Centralized system typical installation scheme. Sanitary & Hot water production system. Point of entry water treatment with hardness concentration higher than 250 mg/l.



Potable water treatment equipment both for domestic and industrial application.

self-cleaning filter



AP PRO - AP PRO PLUS

Market requirements in the water filtration business are every day asking for more simple and efficient equipments. Reliable, compact and easy to use products are essential nowadays. AQUA's new and innovative protection filter range is the proper answer to the new market demands and requirements.

Innovative protection filter to remove suspended particles, sand and metal particles. Manufactured with Delrin body, 360° rotating brass Inlet-Outlet connection plate, transparent SAN bowl, plastic drain valve. The filter is supplied complete a nylon filter element. The water enters the filter and flows down to the cartridge from the interior to the exterior and comes out clean. A simple turning counter-clockwise of the knob activates high speed-wash with water, by the "Venturi" functioning principle of the interior plastic slot cylinder. Dirty water goes out by the drain valve. To finish cartridge cleaning operation turn clockwise the knob. No interruption of filtered water supply during cartridge-washing operation.



A8001000

Provided with plastic wrench.



CLEANING MANŒUVRE

Turn 5 times the knob counter-clockwise (A). The rotation activates the aspiration of the particles retained by the cartridge net and, at the same time, opens the drain. Turn 5 times the knob clockwise, till the discharge valve is completely closed (B).

self-cleaning filter

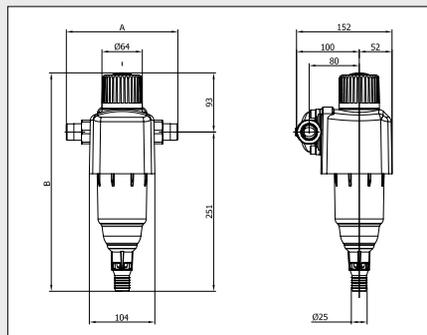


INDUSTRIAL GROUP

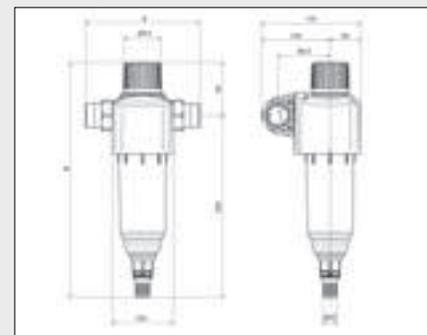


CODE	MODEL	INLET/OUTLET	REC FLOW-RATE	MAX FLOW-RATE	DIMS	PRICE
			m3/h p=0.2 bar	m3/h p=0.5 bar	axb (mm)	
A8000030	AP PRO	M 1/2"	3	4.6	165 x 344	
A8000020	AP PRO	M 3/4"	3.5	5.1	174 x 344	
A8000010	AP PRO	M 1"	4	5.9	190 x 344	
A8000040	AP PRO PLUS	M 1 1/4"	5	7.4	198 x 398	
A8000050	AP PRO PLUS	M 1 1/2"	6	8.9	257 x 398	

AP-PRO



AP-PRO PLUS



TECHNICAL FEATURES

AP-PRO - PLUS

Testa/Head	DELRIN con flangia in ottone - DELRIN with brass flange
Vaso/Sump	SAN trasparente - Transparent SAN
O-ring/O-ring	NBR
Cartuccia/Cartridge	RLA-AP
Micron/Micron	89
Pressione max/Max Working pressure	10 bar max
Pressione min/Min Working Pressure	1,5 bar max
Pressione di scoppio/Burst Pressure	40 bar max
Temperatura min/Min Working Temperature	5°C
Temperatura max/ Max Working Temperature	40°C
Test invecchiamento/Life test	200.000 cicli da 0-10 bar/200.000 cycles from 0-10 bar

MANOMETER
It is possible to put a manometer both at the entrance and at the exit of the filter.

Inlet-outlet brass connection plate, can be turned 360°.

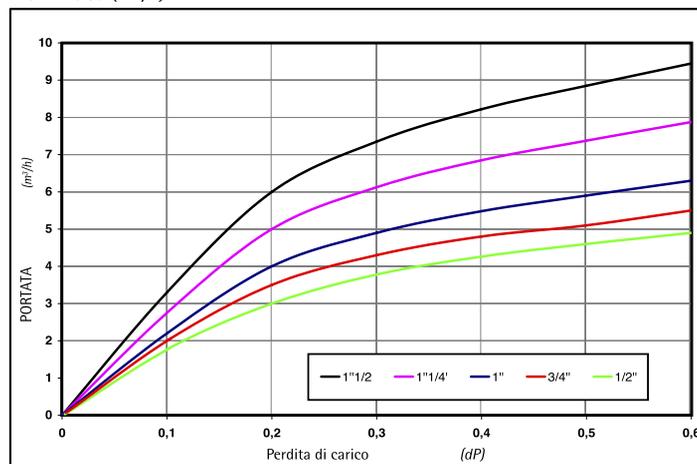


SPARE PARTS

PRICE

A800C010	RLA-AP PRO Cartridge 1/2" - 3/4" - 1"	
A800C020	RLA-AP PRO PLUS Cartridge 1 1/4" - 1 1/2"	
A8001000	Bowl Key	
A800M010	Manometer 0-16 BAR MG 1/8"	

Flow Rate (m³/h)



self-cleaning filter



AP ECO HT - AP ECO



The filter AP-ECO has been conceived to filter domestic and industrial water. It is ideal to protect pipes and the plants, from corrosion and deterioration due to the suspended particles such as sand and rust, etc. The filter is manufactured with brass head, SAN sump and a cartridge made of Arnite and a washable polyester filter net.

A simple and easy action on the tap connected at the bottom of the sump activates the flushing of the cartridge. HT version is suitable for the filtration of water with high temperature (up to 80 °C) and high pressure (up to 12 bar) it is equipped with a Trogamid sump and a stainless steel cartridge.

The AP-ECO series has threaded female connections and a relief valve very useful during the filling and the maintenance phases.

CODE	MODEL	INLET/OUTLET	REC FLOW-RATE	MAX FLOW-RATE	PRICE
			m ³ /h p=0.2 bar	m ³ /h p=0.5 bar	
A8000310	AP ECO	F 1/2"	1.9	3.4	
A8000300	AP ECO	F 3/4"	2.4	3.9	
A8000330	AP ECO HT	F 1/2"	1.8	3.3	
A8000320	AP ECO HT	F 3/4"	2.3	3.8	

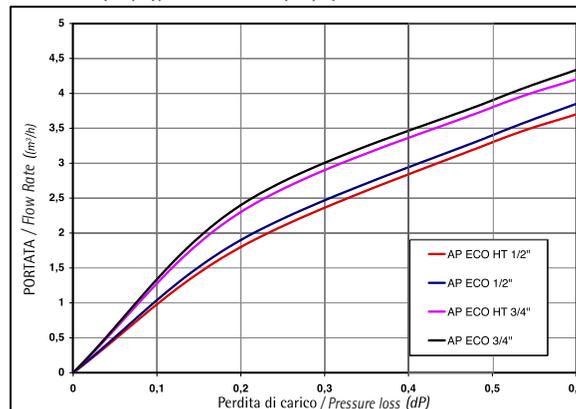


SPARE PARTS

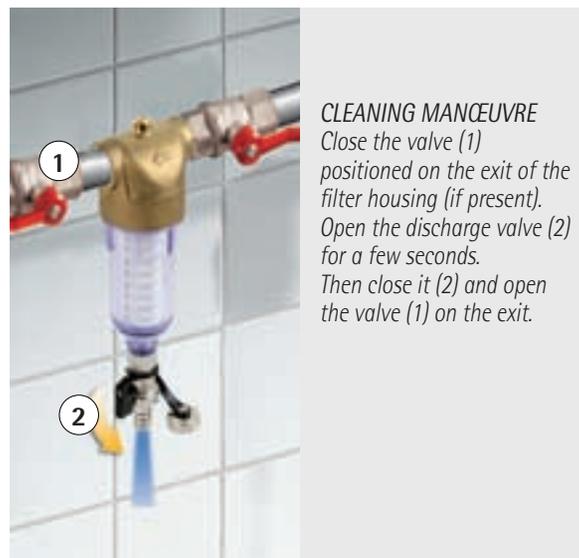
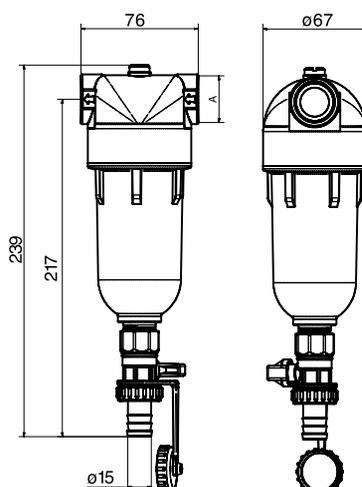
CODE	DESCRIPTION	PRICE
A800C030	RLA ECO & STD Cartridge	
A800C040	AC-ECO HT & STD Cartridge	
AB060080	Manometer 0-16 BAR MG 1/8"	

PRICE

PORTATA (m³/h)/FLOW-RATE (m³/h)



AP ECO-AP ECO HT



CLEANING MANŒUVRE
Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



AP STD HT - AP STD

The filter AP-STD has been conceived to filter domestic and industrial water. It is ideal to protect pipes and the plants, from corrosion and deterioration due to the suspended particles such as sand and rust, etc. The filter is manufactured with brass head, SAN sump and a cartridge made of Arnite and a washable polyester filter net. A simple and easy action on the tap connected at the bottom of the sump activates the flushing of the cartridge. HT version is suitable for the filtration of water with high temperature (up to 80° C), it is equipped with a Trogamid sump and a stainless steel cartridge. The AP-STD series has threaded male connections complete with rotating couplings so as to make the installation easy. Two connections G1/8" on the top of the filter can be used to make the maintenance easy and also to connect 2 gauges for a pressure control up-stream and down-stream of the filter cartridge element.

CODE	MODEL	INLET/OUTLET	RECOMMENDED FLOW-RATE	MAX FLOW-RATE	PRICE
			m3/h p=0.2 bar	m3/h p=0.5 bar	
A8000210	AP STD	M 1/2"	1,7	3,1	
A8000220	AP STD	M 3/4"	2,2	3,6	
A8000200	AP STD	M 1"	2,6	4,3	
A8000240	AP STD HT	M 1/2"	1,6	3,0	
A8000250	AP STD HT	M 3/4"	2,1	3,5	
A8000230	AP STD HT	M 1"	2,5	4,2	

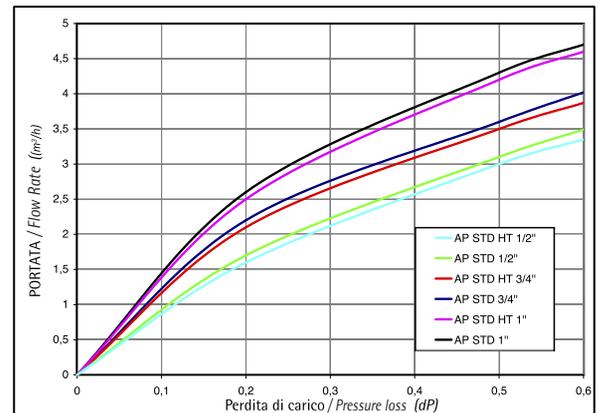


SPARE PARTS

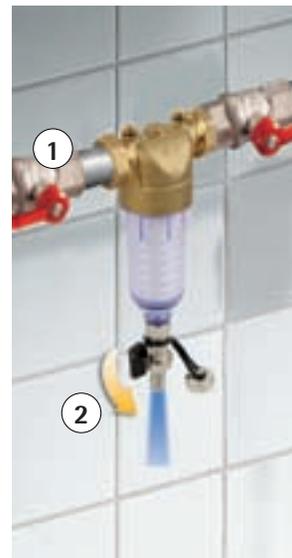
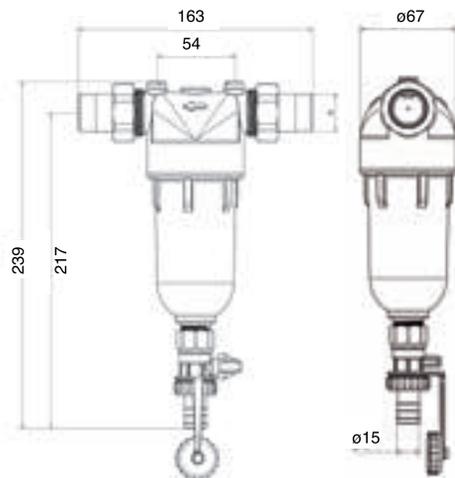
PRICE

A800C030	RLA ECO & STD Cartridge	
A800C040	AC-ECO HT & STD Cartridge	
AB060080	Manometer 0-16 BAR MG 1/8"	

FLOW-RATE (m3/h)



AP STD-AP STD HT



CLEANING MANŒUVRE

Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



AP-EASY

Simple and easy protection filter to remove suspended particles, sand and metal particles. Manufactured with polypropylene head equipped with brass Inlet-Outlet inserts, transparent SAN bowl, brass drain valve. The filter is supplied complete with a nylon filter element. Easy and quick cartridge washing operation. Available in different sizes, it's the ideal for point-of-entry domestic installations.

CODE	MODEL	HEIGHT	INLET/OUTLET	REC FLOW-RATE	MAX FLOW-RATE	DIMS	PRICE
				m3/h p=0.2 bar	m3/h p=0.5 bar		
A8000500	AP EASY	9" 3/4	F 1/2"	2.8	3.8	122 x 388	
A8000510	AP EASY	9" 3/4	F 3/4"	3.8	4.7	122 x 388	
A8000520	AP EASY	9" 3/4	F 1"	4.8	5.9	122 x 397	
A8000530	AP EASY	9" 3/4	F 1 1/4"	5	6.1	126 x 410	
A8000540	AP EASY	9" 3/4	F 1 1/2"	5.3	6.3	126 x 410	

SPARE PARTS*

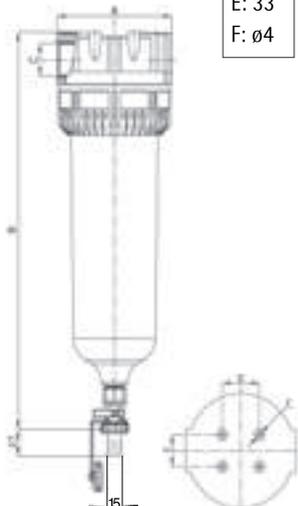
		PRICE
A4030030	RLA Cartridge 1/2" - 3/4" - 1"	
A4030070	RLA Cartridge 1" 1/4 - 1" 1/2	
A6010010	Plastic key	
AB060080	Manometer 0-16 BAR MG 1/8"	

*Available upon request 250 micron rating cartridge.

TECHNICAL FEATURES	AP-EASY
Testa/Head	PP con inserti in ottone/PP with brass insert
Vaso/Sump	SAN trasparente/Transparent SAN
O-ring/O-ring	NBR
Cartuccia/Cartridge	RLA
Micron/Micron	80
Pressione max/Max Working pressure	8 bar max
Pressione minima/Min Working Pressure	1,5 bar max
Pressione di scoppio/Burst Pressure	32 bar max
Temperatura min./Min Working Temperature	5°C
Temperatura Max/Max Working Temperature	40°C
Test invecchiamento/Life test	200.000 cicli da 0-10 bar/200.000 cycles from 0-10 bar

AP-EASY

D: 41
E: 33
F: Ø4



CLEANING MANŒUVRE
Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



AP-DUPLEX

Ideal for both domestic and industrial plant protection

i DESCRIPTION

Professional Double stage filtration system easy to use and to maintenance; sand, metal and suspended particles removing.

Equipped with dust painted steel brake, polypropylene heads with brass connections, transparent SAN Sump, brass discharge valve.

The system is equipped with self cleaning pre-filter in nylon washable net 80 micron rating.

Ideal filter for both domestic and industrial plant protection such as osmosis system, softeners etc.

A-P Duplex is studied to fit all AQUA cartridges.

Upon request : In-Out manometer to check the obstruction of cartridges.

Upon request : Automatic valve with programmable digital timer for auto-cleaning system.

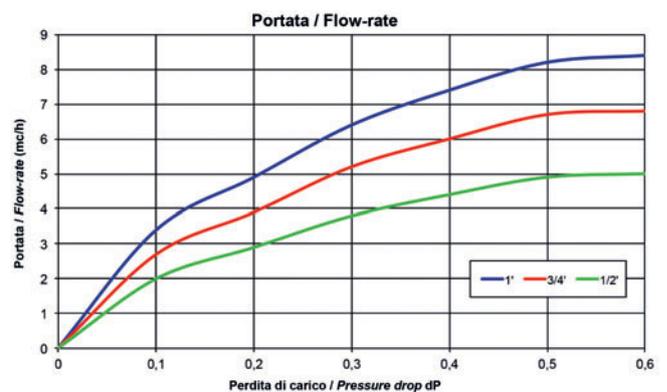
Code	Description	Height	Inlet/Outlet c	Recommended flow-rate* mc/h dP=0.2bar	Max flow-rate* mc/h dP=0.5bar	Dimension a x b (mm)	Qty	Price
A8000810	AP-EASY DUPLEX	9"3/4	1/2"	2,9	4,9	122 X 310	12	
A8000820	AP-EASY DUPLEX	9"3/4	3/4"	3,9	6,7	122 X 317	12	
A8000830	AP-EASY DUPLEX	9"3/4	1"	4,9	8,2	122 X 325	12	
A8000840	AP-EASY DUPLEX	20"	1/2"	2,9	4,9	122 X 570	6	
A8000850	AP-EASY DUPLEX	20"	3/4"	3,9	6,7	122 X 577	6	
A8000860	AP-EASY DUPLEX	20"	1"	4,9	8,2	122 X 585	6	

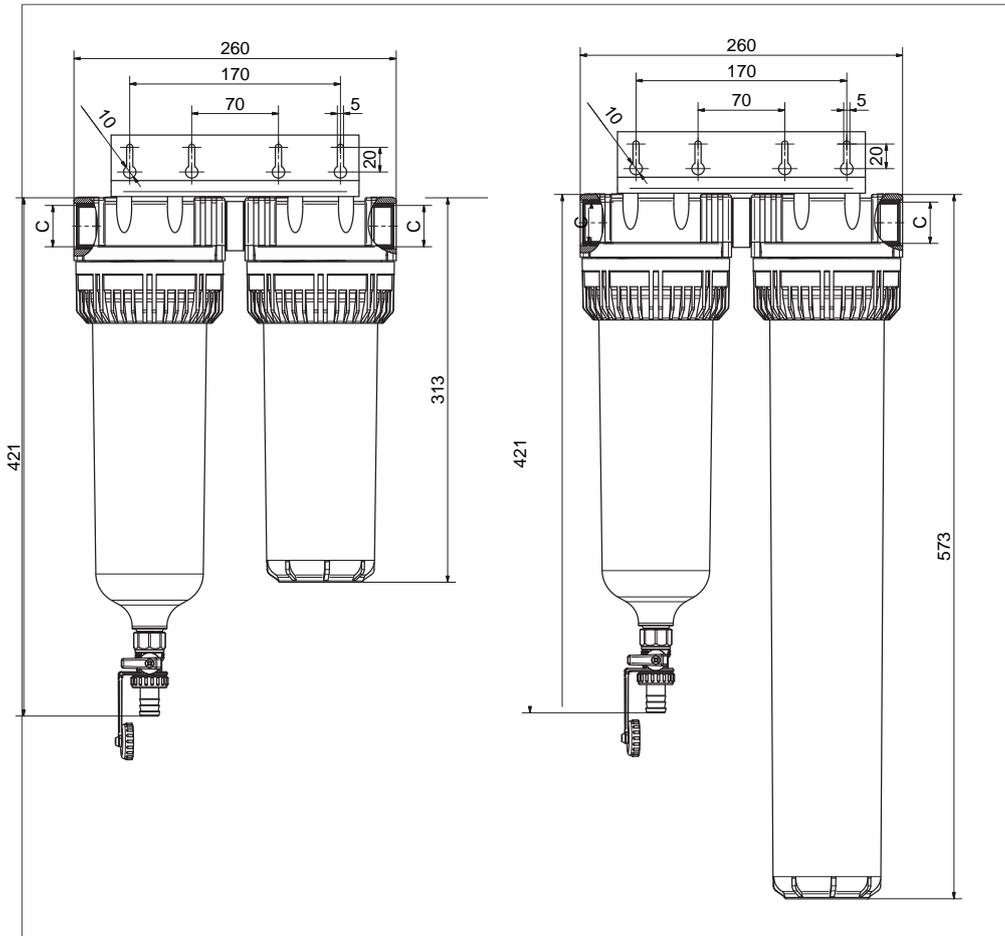
* without additional cartridges



FEATURES

Technical Features	
Wall bracker	AISI
Head	PP + 40% TALCO
Sump	SAN
Oring	NBR
Max Working pressure	8 bar max
Burst pressure	32 bar max
Max Working temperature	40° C
Min Working temperature	5° C





self-cleaning filter



self-cleaning filter



AP-TRIPLEX

Ideal for both domestic and industrial plant protection



DESCRIPTION

Professional Triple stage filtration system easy to use and to maintenance; sand, metal and suspended particles removing.

Equipped with dust painted steel brake, polypropylene heads with brass connections, transparent SAN Sump, brass discharge valve.

The system is equipped with self cleaning pre-filter in nylon washable net 80 micron rating.

Ideal filter for both domestic and industrial plant protection such as osmosis system, softeners etc.

A-P Trplex is studied to fit all AQUA cartridges.

Upon request : In-Out manometer to check the obstruction of cartridges.

Upon request : Automatic valve with programmable digital timer for auto-cleaning system.

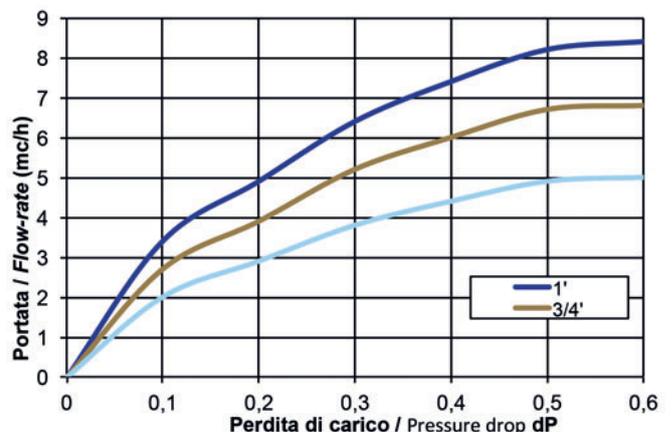
Code	Description	Height	Inlet/Outlet c	Recommended flow-rate* mc/h dP=0.2bar	Max flow-rate* mc/h dP=0.5bar	Dimension a x b (mm)	Price
A8000910	AP-EASY TRIPLEX	9"3/4	1/2"	2,8	4,8	-	
A8000920	AP-EASY TRIPLEX	9"3/4	3/4"	3,8	6,6	-	
A8000930	AP-EASY TRIPLEX	9"3/4	1"	4,8	8,1	-	
A8000940	AP-EASY TRIPLEX	20"	1/2"	2,8	4,8	-	
A8000950	AP-EASY TRIPLEX	20"	3/4"	3,8	6,6	-	
A8000960	AP-EASY TRIPLEX	20"	1"	4,8	8,1	-	

* without additional cartridges



FEATURES

Technical Features	
Head	PP + 40% TALCO
Sump	SAN
Oring	NBR
Max Working pressure	8 bar max
Burst pressure	32 bar max
Max Working temperature	40° C
Min Working temperature	5° C



self-cleaning filter



AP-EASY HT

Simple and easy protection filter to remove suspended particles, sand and metal particles. Manufactured with polypropylene head equipped with brass Inlet-Outlet inserts, transparent Trogamid bowl, brass drain valve. The filter is supplied complete with a nylon filter element. Easy and quick cartridge washing operation. Available in different sizes, it's the ideal for point-of-entry domestic installations.



CODE	MODEL	HEIGHT	INLET/OUTLET	REC FLOW-RATE	MAX FLOW-RATE	DIMS	PRICE
				m3/h p=0.2 bar	m3/h p=0.5 bar		
A8000600	AP EASY HT	9"3/4	F 3/4"	4	4.8	127 x 382	
A8000610	AP EASY HT	9"3/4	F 1"	6	6	127 x 398	
A8000620	AP EASY HT	9"3/4	M 1 1/4"	5.2	6.3	134 x 389	
A8000630	AP EASY HT	9"3/4	F 1 1/2"	5.4	6.5	140 x 403	
A8000640	AP EASY HT	9"3/4	F 2"	5.8	6.9	140 x 414	

SPARE PARTS

PRICE

A4050030	Cartridge AC-HT 3/4" - 1" - 1 1/4"	
A4050080	Cartridge AC-HT 1" 1/2 - 2"	
A8060080	Metal key	
AB060080	manometer 0-16 BAR MG 1/8"	

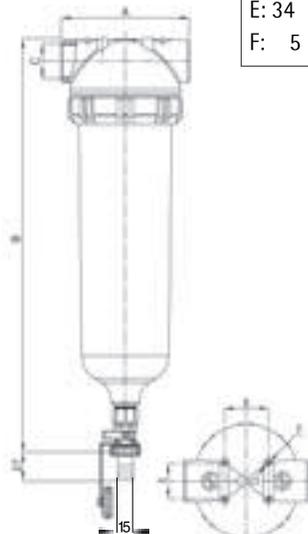
TECHNICAL FEATURES

AP-EASY HT

Testa/Head	OTTONE/BRASS
Vaso/Sump	Trogamid Trasparente/Transparent Trogamid
O-ring/O-ring	VITON
Cartuccia/Cartridge	AC-HT
Micron/Micron	80
Pressione max/Max Working pressure	10 bar max
Pressione minima/Min Working Pressure	1,5 bar max
Pressione di scoppio/Burst Pressure	40 bar max
Temperatura min./Min Working Temperature	5°C
Temperatura Max/Max Working Temperature	80°C
Test invecchiamento/Life test	200.000 cicli da 0-10 bar/200.000 cycles from 0-10 bar

AP-EASY HT

D: 45
E: 34
F: 5



CLEANING MANŒUVRE

Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



AP-IND 9

Simple and easy protection filter to remove suspended particles, sand and metal particles. Manufactured with polypropylene head and bowl. The filter is supplied complete with a washable net nylon cartridge element. IN/OUT connections in brass. Thanks to the washable net cartridge, cleaning and maintenance is quick and easy. It's the ideal for point-of-entry installations. Model E is provided with a 24 VDC solenoid valve that allows you to automatically clean the cartridge element.

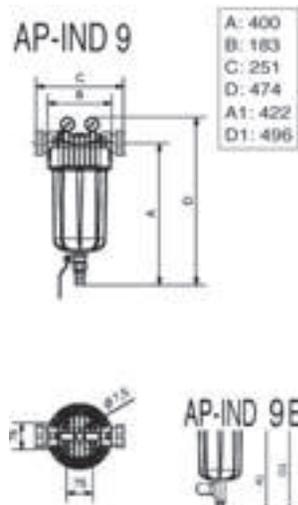
CODE	MODEL	HEIGHT	INLET/OUTLET	REC FLOW RATE m3/h p=0.2 bar	MAX FLOW RATE m3/h p=0.5 bar	DIMS axb (mm)	PRICE
A8000700	AP-IND 9	9"3/4	F1"1/4	8	12	400 x 183	
A8000710	AP-IND 9	9"3/4	F2"	9.5	14	400 x 251	
A8000720	AP-IND 9E	9"3/4	F1"1/4	8	12	400 x 183	
A8000730	AP-IND 9E	9"3/4	F2"	9.5	14	400 x 251	

SPARE PARTS

		PRICE
A4030510	Cartridge RLA-A.BIG 9 3/4" - 80 micron	
A4030520	Cartridge RLA-A.BIG 9 3/4" - 250 micron	
A6010090	Plastic key	

TECHNICAL FEATURES	AP-IND 9E
Testa / Head	PP
Vaso / Sump	PP
O-ring / O-ring	SILICONE
Cartuccia / Cartridge	RLA AQUA BIG 9 3/4"
Micron / Micron	80 -*
Pressione / Max Working Pressure	8 bar max
Pressione Min / Min Working Pressure	1,5 bar max
Pressione di scoppio / Burst Pressure	35 bar max
Temperatura max / Max Working Temperature	40°C
Temperatura Min / Min Working Temperature	5°C
Test di invecchiamento / Life test	200.000 cicli da 0-10bar / 200.000 cycles from 0-10 bar

* Available upon request 250 micron rating cartridge.



CLEANING MANOUVRE

Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



AP-IND 20

Simple and easy protection filter to remove suspended particles, sand and metal particles. Manufactured with polypropylene head and bowl. The filter is supplied complete with a washable net nylon cartridge element. IN/OUT connections in brass. Thanks to the washable net cartridge, cleaning and maintenance is quick and easy. It's the ideal for point-of-entry installations. Model E is provided with a 24 VDC solenoid valve that allows you to automatically clean the cartridge element.

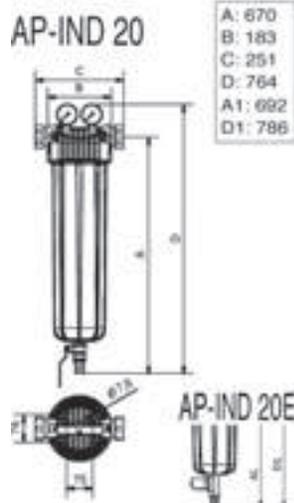
CODE	MODEL	HEIGHT	INLET/OUTLET	REC FLOW RATE m3/h p=0.2 bar	MAX FLOW RATE m3/h p=0.5 bar	DIMS axb (mm)	PRICE
A8000740	AP-IND 20	20"	F1"1/4	13	16	670 x 183	
A8000750	AP-IND 20	20"	F2"	16	22	670 x 251	
A8000760	AP-IND 20E	20"	F1"1/4	13	16	692 x 183	
A8000770	AP-IND 20E	20"	F2"	16	22	692 x 251	

SPARE PARTS		PRICE
A4030530	Cartridge RLA-A.BIG 20" - 80 micron	
A4030540	Cartridge RLA-A.BIG 20" - 250 micron	
A6010090	Plastic key	

TECHNICAL FEATURES	AP-IND 20E
Testa / Head	PP
Vaso / Sump	PP
Q-ring / O-ring	SILICONE
Cartuccia / Cartridge	RLA AQUA BIG 20"
Micron / Micron	80 -*
Pressione / Max Working Pressure	8 bar max
Pressione Min / Min Working Pressure	1,5 bar max
Pressione di scoppio / Burst Pressure	35 bar max
Temperatura max / Max Working Temperature	40°C
Temperatura Min / Min Working Temperature	5°C
Test di invecchiamento / Life test	200.000 cicli da 0-10bar / 200.000 cycles from 0-10 bar

* Available upon request 250 micron rating cartridge.

Mod. E
With electrovalve 24 VDC



CLEANING MANOUVRE
Close the valve (1) positioned on the exit of the filter housing (if present). Open the discharge valve (2) for a few seconds. Then close it (2) and open the valve (1) on the exit.

self-cleaning filter



INDUSTRIAL GROUP

SELF CLEAN KIT

Ideal for the automatic cleaning of the filter installed on point-of-entry.



DESCRIPTION

Automatic cleaning filter kit with digital timer programmable each day of the week.

Self clean kit is simple and easy to use and to maintain.

Self clean kit is completed by programmable digital timer and electro-motor actuated ball valve with barb fitting.



Code	Description	Compatible filters	Power supply	Price
A8000970	Self clean kit	AP-ECO, AP-STD, AP-EASY AP-EASY HT, AP-DUPLEX/TRIPLEX	230Vac 50/60Hz	
A8000980	Self clean kit	AP-IND	230Vac 50/60Hz	

AP-EASY HT



Exploded view drawing of electro-motor actuated ball valve.



TECHNICAL SPECIFICATIONS

Specifications	
Power supply	Standard 230 VAC 50/60 Hz
Digital timer	up to 8 daily programmes
Valve type	Electro-motor actuated ball valve Made of CW617 N brass Opening time till 10 seconds
Barb fitting Ø	d. 19 mm
Functionality	Washing program forced
Compatible filters	AP-ECO, AP-STD, AP-EASY, AP-EASY HT, AP-DUPLEX, AP-TRIPLEX, AP-IND

AP-IND



self-cleaning filters



INDUSTRIAL GROUP

AQUA



Sede Centrale/Head Office:

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