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productsrange

Over 35 years of manufacturing have made Atlas Filtri the benchmark company for water filtration and treatment solutions, leader in the domestic and industrial sectors, marketing worldwide through a net of distributors in over 80 countries.

The constant focus on quality and innovative processing technologies have made Atlas Filtri the reliable partner for everyone who engage in the mission of excellence in water treatment.

The ability in quickly understanding the market needs allows Atlas Filtri in a continuous proposition of new solutions, by improving and innovating its own products and processes and by introducing year by year new products and services.

Atlas Filtri group, with its divisions Improving Water, Engineering and Service, can today respond to every request in the sectors of **WATER FILTRATION, TREATMENT, MICRO and ULTRA FILTRATION, REVERSE OSMOSIS, POTABILIZATION.**

With that background Atlas Filtri performs the most extensive range of products in the water filtration and treatment sector, for domestic and industrial use, with:

- filter housings
- filter cartridges
- self-cleaning filters
- anti-scale units
- portable filters
- drinking water filters
- RO units
- softeners
- media filters
- U.V. lamp sterilization
- water treatment full plants
- dosing pumps
- chemical products

our ideas at your fingertips

innovation and technology
in the Water Filtration Sector.

Made in Italy.

Research and development, process and product innovation are the major strategic issues today for Atlas Filtri. Due to that, the continuous research for new materials, new molding methods and expertise, the implementation of fully robotized lines, anyway open and flexible, the wide range of models and solutions, yet easy to be integrated for specific requests, lead us to offer the maximum for:

- productivity
- reliability
- flexibility
- brand consolidation
- OEM and custom solutions



COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =



The high level of quality achieved by Atlas Filtri has played a major part in the development of its market worldwide. The production is constantly under control and tested to maintain the performances.

Atlas Filtri is a Company with **Quality Management System ISO 9001:2008 certified by DNV.**

The products are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance to DM 174/2004 (TiFQ, Italy) and to the sanitary certifications ACS (France) and GOST (Russia).**

A wide range of products is tested and certified for use with drinking water by **SGS**. A range of housings is **tested and certified by WQA against NSF/ANSI Standards 42 and 61 for material safety and structural integrity requirements only**. In compliance with drinking water regulations, USA.



ASSOCIAZIONE AQUA ITALIA



With the mission of improving water quality worldwide, offering products, services, expertise and training, Atlas Filtri participates as an active member of several world water organizations:

- **Associazione Aqua Italia**, a member of Aqua Europa, which gathers the water industry and related members to national organisms, regulations, quality commitments.
- **WQA - Water Quality Association**, USA based organization, gathering water industry worldwide, especially committed to research development and expertise in the sector.
- **IWA - International Water Association**, world water association gathering experts, researchers, industry making the widest context in the water sector knowledge.
- **AFWA - African Water Association**, the association for the development of water consciousness, water availability and water quality in Africa, gathering governments, managers, researchers and industry.



ATLAS green is the ATLAS FILTRI seal for environmentally friendly products

Atlas Filtri is committed to comply with Kyoto Treaty for the reduction of green house gas (CO₂) emissions in atmosphere, by developing technologies which reduce energy consumption, by using plastics which perform the highest recyclable patterns.

The **ATLAS GREEN** seal is intended to show the market and the customer **ATLAS FILTRI** commitment to the environment. Today the seal comes with:

HOUSINGS

PET

Filter housings made from **PET**, a highly recyclable plastic, manufactured with a proprietary technology saving up to 60% of energy in injection moulding compared with standard plastics.

CARTRIDGES

EC

Cartridges made with a special **ACTIVATED ECO CARBON** manufactured with a proprietary technology to reduce green house gas emission.





FILTER HOUSINGS

PLUS 3P

Single and Duplex housings for cartridges with standard SX flat seals (DOE) and for specialty cartridges with BX and CX quick-fit double o-ring end-cap.

IN/OUT connections 1/2", 3/4", 1", 1 1/4", 1 1/2", with brass or plastic BSP threads; models with NPT plastic threads 3/4", 1".

Range of models: Medium, Junior, Senior, Master for cartridge heights 5", 7", 10", 20".

Models with transparent or opaque bowls.

M models with 2 manometers.

S models Senior (10") and Master (20") with discharge valve for self-cleaning performance, provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717 - 11/2002. For cartridges with BX and CX quick-fit double o-ring end-cap.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories on demand: spanner, wall brackets, diffuser tubes, brass and plastic nipples.

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow preventing device
UNI EN 1717-11/2002



FILTER HOUSINGS

PLUS 2P

Single and Duplex housings for cartridges with standard SX flat seals (DOE).

IN/OUT connections 1/2", 3/4", 1", with brass or plastic BSP threads; models with NPT plastic threads 3/4", 1".

Range of models: Cadet, Junior, Senior for cartridge heights 4", 7", 10".

Models with transparent or opaque bowls.

M models with 2 manometers.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories on demand: spanner, wall brackets, diffuser tubes, brass and plastic nipples.

Main materials: Reinforced PP, SAN.



FILTER HOUSINGS

MIGNON PLUS

Single and Duplex housings for 5" M (OD 50 mm) cartridges with standard SX flat seals (DOE).

IN/OUT connections 1/2", 3/4" with brass BSP threads.

Single and Duplex models with -L- in-line connections.

Single models with -S- 90° connections and -SL- 3 ports heads connections.

3P PLUS and **2P PLUS** models.

Models with transparent or opaque bowls.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories on demand: spanner, wall bracket Duplex, diffuser tube, brass and plastic nipples.

Main materials: Reinforced PP, SAN.



FILTER

MICRO 3/8

new

Designed for applications with cleaners, pressure-washers, micro-irrigation.

Dimensions 74x49x66 mm.

IN/OUT connections 3/8" with plastic BSP threads.

GL model with plastic strainer, filtration 1000 micron.

RAM-C model with stainless steel net, filtration 300 micron (available on demand: 100, 200, 400, 500 micron).

Max working pressure: 7 bar (101 psi).

Max working temperature: 45°C (113°F).

Main materials: PP, reinforced PP, SAN, stainless steel AISI 304.



FILTER HOUSINGS

PLUS HOT 3P

Single housings applicable for hot water with special FA-HOT wound polypropylene cartridges, with CPP polypropylene melt-blown cartridges and with RA stainless steel net cartridges.

For cartridges with standard SX flat seals (DOE).
IN/OUT connections 1/2", 3/4", 1", with plastic BSP threads; models with NPT plastic threads 3/4", 1".



new

DRAIN FUNNEL
Back-flow preventing device
UNI EN 1717-11/2002

Range of models: Medium, Junior, Senior, Master for cartridge heights 5", 7", 10", 20".

HOT-S models Senior (10") and Master (20") with discharge valve for self-cleaning performance, provided with a drain funnel to protect potable water from pollution by back-flow, in compliance with UNI EN 1717-11/2002. For cartridges with BX quick-fit double o-ring end-cap.

Max working pressure: 8 bar (116 psi).

Max working temperature: 80°C (176°F).

Accessories on demand: spanner, wall bracket.

Main materials: Reinforced polyamide.



FILTER HOUSINGS

PP 3P

Single and Duplex housings for cartridges with standard SX flat seals (DOE).

IN/OUT connections 1/2", 3/4", 1", with plastic BSP threads.

Range of models: Mignon, Medium, Junior, Senior, Master, for cartridge heights 5" (OD 50 mm), 5", 7", 10", 20".

V models with Viton o-rings.

Max working pressure: 3 bar (43 psi) with non neutral pH, 8 bar (116 psi) with neutral (7) pH.

Max working temperature: 35°C (95°F).

pH: 2-10.

Accessories on demand: spanner, wall brackets.

Main materials: PP.





FILTER HOUSINGS

DP

Mono, Duo and Trio patented and registered models. Housings suitable for both cartridges with standard SX flat seals (DOE) and for cartridges with BX quick-fit double o-ring end-cap.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

IN/OUT connections 1/4", 3/8", 1/2", 3/4", 1", 1-1/4", 1-1/2" with brass or plastic BSP threads; models with NPT plastic threads 1/4", 3/4", 1".

Cartridge heights 5", 7", 10", 20".

Models with transparent or opaque bowls.

M models with 2 manometers.

S models 10" and 20" with discharge valve for self-cleaning performance, provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717 - 11/2002.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: Filter-Fit.

Accessories on demand: spanner, wall brackets, brass and plastic nipples, base (10" models only).

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow preventing device
UNI EN 1717-11/2002



Mono, Duo and Trio patented and registered models. Housings designed to withstand the most severe testing methods (NSF/ANSI) for pressure and stress resistance.

Housings suitable for both cartridges with standard SX flat seals (DOE) and for cartridges with BX quick-fit double o-ring end-cap.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

IN/OUT connections 1/4", 3/8" 1/2", 3/4", 1" with plastic BSP threads; models with NPT plastic threads 1/4", 3/4", 1".

Cartridge heights 10".

Models with transparent or opaque bowls.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: Filter-Fit.

Accessories on demand: spanner, wall brackets, brass and plastic nipples, base.

Main materials: Reinforced PP, PET.



Components tested and certified by WQA against NSF/ANSI Standards 42 and 61 for material safety and structural integrity requirements only.



FILTER HOUSINGS

DP DS

Mono housings with 360° rotational connection group for easy connection to horizontal or vertical pipes.

Available in two versions with BSP IN/OUT male connections:

- **DP DS MP** models with rotational group made from high-strength plastic, resulting from Atlas Filtri R&D for performing materials and innovative manufacturing processes. DP DS MP housings are provided complete with 3/4" and 1" nipples (DP DS MP 3/4+1).
- **DP DS MO** models with rotational group made from brass. Models with 3/4" nipples (DP DS MO 3/4) or with 1" nipples (DP DS MO 1).

Suitable for both cartridges with standard SX flat seals (DOE) and for cartridges with BX quick-fit double o-ring end-cap.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

Cartridge heights 5", 7", 10", 20".

Models with transparent or opaque bowls.

S models 10" and 20" with discharge valve for self-cleaning performance, provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717 - 11/2002.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: Filter-Fit.

Accessory on demand: spanner.

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow preventing device
UNI EN 1717-11/2002



SELF-CLEANING FILTERS

HYDRA

Self-cleaning filters with back-wash and exclusive filter cartridges, 90 or 50 micron.

- RAH models with stainless steel net cartridge.
- RLH models with plastic net cartridge.
- RSH models with pleated plastic net cartridge.

IN/OUT connections 1/2", 3/4", 1", 1-1/4", 1-1/2" with brass or plastic BSP threads; models with NPT plastic threads 3/4", 1". Flow rates from 3000 to 10000 l/h.

M models with 2 manometers.

AUTO fully automatic models, provided with exclusive dual programming mode: setting of self-cleaning intervals and setting of self-cleaning duration.

HYDRA HOT manually operated self-cleaning filters applicable for hot water filtration with dedicated cartridge RAH HOT.

All models provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717-11/2002.

Accessories included: spanner, wall bracket.

Accessories on demand: brass and plastic nipples.

Max working pressure: 8 bar (116 psi).

HYDRA - Max working temperature: 45°C (113°F).

HYDRA HOT - Max working temperature: 80°C (176°F).

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow preventing device
UNI EN 1717-11/2002



SELF-CLEANING FILTERS

HYDRA DS

new

Self-cleaning filters with back-wash provided with 360° rotational connection group for easy connection to horizontal or vertical pipes.

Available in two versions with BSP IN/OUT male connections, flow rates from 3000 to 6000 l/h:

- **HYDRA DS MP** models with rotational group made from high-strength plastic, resulting from Atlas Filtri R&D for performing materials and innovative manufacturing processes. HYDRA DS MP are provided complete with 3/4" and 1" nipples (HYDRA DS MP 3/4+1).
- **HYDRA DS MO** models with rotational group made from brass. Models with 3/4" nipples (HYDRA DS MO 3/4) or with 1" nipples (HYDRA DS MO 1).

Both models available as:

AUTO DS fully automatic models, provided with exclusive dual programming mode: setting of self-cleaning intervals and setting of self-cleaning duration.

Models with exclusive filter cartridges, 90 or 50 micron:

- **RAH** models with stainless steel net cartridge.
- **RLH** models with plastic net cartridge.
- **RSH** models with pleated plastic net cartridge.

All models provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717-11/2002.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: spanner.

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow
preventing device
UNI EN 1717-11/2002



MULTI-STAGE RAINWATER FILTERS

HYDRA RAINMASTER

Exclusive DUO and TRIO multi-stage filters, provided with a self-cleaning pre-filter plus post-filtration and treatment cartridges for dual or triple stage, especially designed for the filtration and treatment of rainwater.



Self-cleaning pre-filter with back-wash, and exclusive filter cartridges: **RAH** stainless steel net cartridge at 90 micron; **RLH** plastic net cartridge at 90 micron; **RSH** pleated plastic net cartridge at 50 micron.

LA models provided with GAC post-carbon cartridge, designed for high performance in clearing and odour reduction. Max flow rate 2800 l/h at 3 bar.

CB-EC models provided with post-carbon block cartridge, designed for high water flow and low pressure drop. Max flow rate 5500 l/h at 3 bar.

Secondary stage on TRIO models provided with polypropylene fine filter cartridge at 5 micron. Models for 10" cartridges, IN/OUT connections 1/2", 3/4", 1".

AUTO automatic models, provided with fully automatic self-cleaning pre-filter.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

All models provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717-11/2002.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: Filter-Fit.

Accessories on demand: brass and plastic nipples, spanner, wall brackets.

Main materials: Reinforced PP, PET.



DRAIN FUNNEL
Back-flow
preventing device
UNI EN 1717-11/2002



MULTI-STAGE SELF-CLEANING FILTERS

HYDRA DUO and TRIO

Exclusive multi-stage filters with self-cleaning pre-filter, for dual and triple stage filtration/treatment.

Self-cleaning pre-filter with back-wash, and exclusive filter cartridges:

- **RAH** stainless steel net cartridge at 90 micron.
- **RLH** plastic net cartridge at 90 micron.
- **RSH** pleated plastic net cartridge at 50 micron.

Cartridges for second and third stage available from the wide range of Atlas Filtri cartridges.

Models for 10" cartridges, IN/OUT connections 1/2", 3/4", 1", with brass or plastic BSP threads; models with NPT plastic threads 3/4", 1".

AUTO models, provided with fully automatic self-cleaning pre-filter.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

All models provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717-11/2002.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessory included: Filter-Fit.

Accessories on demand: brass and plastic nipples, spanner, wall brackets.

Main materials: Reinforced PP, PET.



FILTER HOUSINGS

K PLUS 3P and K DP

Brass head housings.

K PLUS 3P models with IN/OUT connections 3/4" and 1" for cartridge type BX.

K DP models with IN/OUT connections 1 1/2 and 2" for cartridge type CX.

Range of models: Medium, Junior, Senior, Master for cartridge heights 5", 7", 10", 20".

M models with 2 manometers.

S Senior (10") and **S Master** (20") models with discharge valve for self-cleaning performance, provided with a drain funnel to protect potable water from back-flow pollution, in compliance with UNI EN 1717-11/2002.

Max working pressure: 10 bar (145 psi).

Max working temperature: 45°C (113°F).

Accessories on demand: spanner, wall bracket, brass nipples.

Main materials: CW 614 N brass, PET.





MOBILE FILTER HOUSINGS

DEPURAL®

Patented mobile filter housings especially designed for the counter-top. Complete with universal tap adaptor and installation kit.

DEPURAL and DEPURAL Duplex models, for 10" cartridges with standard SX flat seals (DOE).

Max working pressure: 3 bar (43 psi).

Max working temperature: 45°C (113°F).

Accessories included: standing base, wall bracket (Depural BS), installation kit.

Accessories on demand: spanner, wall bracket (Depural Duplex), installation kit with diverter valve.

Main materials: PP, polystyrene.

MOBILE FILTER HOUSINGS

DEPURAL® TOP

Mobile filter housings especially designed for the counter-top. Complete with tap diverter valve and installation kit.

Single, DUO and TRIO models, for 10" cartridges with both standard SX flat seals (DOE) and BX quick-fit double o-ring end-cap.

DVB models with brass diverter valve.

ECO models with plastic diverter valve.

Models with transparent, opaque and chrome plated bowls.

Max working pressure: 3 bar (43 psi).

Max working temperature: 45°C (113°F).

Accessories included: spanner, installation kit.

Main materials: PP, SAN, ABS.



MOBILE FILTER HOUSINGS

DEPURAL® DP and DEPURAL® DP CASE

Mobile filter housings designed for the counter-top. Complete with universal tap adaptor and installation kit.

MONO, DUO and TRIO patented and registered models, for cartridge heights 5", 7", 10" with both standard SX flat seals (DOE) and BX quick-fit double o-ring end-cap.

All models provided with **Filter-Fit**: special centering device for SX cartridges.

Models with transparent or opaque bowls.

Exclusive portable model **DEPURAL DP CASE** with TRIO filter housing in a plastic case, complete with universal tap adaptor and connection kit.

Max working pressure: 3 bar (43 psi).

Max working temperature: 45°C (113°F).

Accessories included: standing base (only 10" models), spanner, wall brackets, Filter-Fit, installation kit.

Main materials: Reinforced PP, PET.



UNDER-SINK FILTER HOUSINGS

BRAVO DP and BRAVO DP CASE

Mono, Duo and Trio patented and registered models. Filter housings designed for the installation under the kitchen sink. For both cartridges with standard SX flat seals (DOE) and for cartridges with BX quick-fit double o-ring end-cap. Housings provided with **Filter-Fit**: special centering device for SX cartridges.

Cartridge heights 5", 7", 10".

Models with transparent or opaque bowls.

Complete with various installation kits:

- **DP** models with standard quick-fit connections and dedicated tap.

- **DP Aquastop** models with special quick-fit connections with aquastop device and dedicated tap

Portable model **BRAVO DP CASE** with TRIO filter housing in a plastic case with easy connection kit.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories included: spanner, wall brackets, Filter-Fit, installation kit.

Accessory on demand: standing base (only 10" models).

Main materials: Reinforced PP, PET.



FILTER HOUSINGS

IN-LINE

Straight in-line filters designed for the installation under the kitchen sink.

Proprietary design with double o-ring sealing.

Complete with various installation kits:

- **IN-LINE** models with standard quick-fit connections and dedicated tap.

- **IN-LINE Aquastop** models with special quick-fit connections with aquastop device and dedicated tap.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories included: spanner, clips, installation kit.

Main material: Reinforced PP.

Fits only to **special cartridges** with exclusive design of end-caps and sealing:

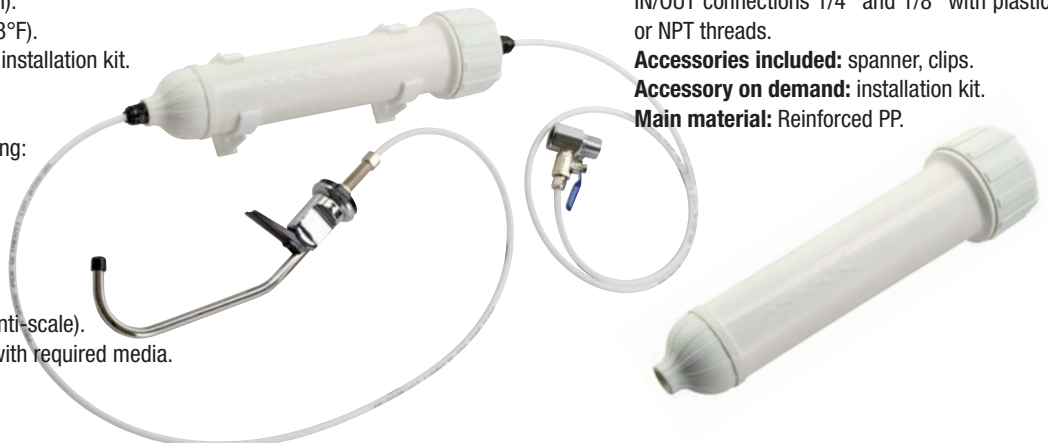
- **CPP In-line** melt-blown (sediment).

- **CA-SE In-line** carbon block (sediment, chlorine, taste, odours).

- **LA In-line** granular activated carbon (GAC: chlorine, taste, odours).

- **HA In-line** polyphosphate crystals (anti-scale).

- **P In-line** empty container for filling with required media.



COMPONENT FOR

IN-LINE HOUSINGS

In-line Filter Housing with double o-ring sealing. Fit to special cartridges with proprietary design of end-caps and sealing.

Suitable for applications on refrigerators, drinking water fountains, water coolers.

IN/OUT connections 1/4" and 1/8" with plastic BSP or NPT threads.

Accessories included: spanner, clips.

Accessory on demand: installation kit.

Main material: Reinforced PP.

UNDER-SINK REVERSE OSMOSIS UNITS

OASIS DP

RO units with permeate production of 50, 75 or 100 GPD.

Specific patented and registered DP DUO and DP TRIO filter housings and specialty RO 1812 and 2012 membrane vessel with double o-ring.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

- **STD** standard models.
- **PUMP** models with booster pump.
- **UV** models with UV lamp.
- **PUMP-UV** models with booster pump and UV lamp.

All models provided with complete installation kit.

Other standard features: NSF Filmtec RO membrane, quick-fit connections, mixing valve, non-return valve, remineralizing post-filter, plastic storage tank 19 l (5 G).

Pre-filtration cartridges: **CPP** 10 micron (sediment),

LA (G.A.C.), **CB-EC** 5 micron (carbon block).

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Max TDS: 1500.

Accessories included: spanner, Filter-Fit, installation kit.

Accessory on demand: standing base (only 10" models).



COMPONENTS FOR

UNDER-SINK UNITS

Housings DP Mono, Duo and Trio patented and registered models, for both cartridges with standard SX flat seals (DOE) and for cartridges with BX quick-fit double o-ring end-cap.

IN/OUT connections 1/4" and 3/8" with plastic BSP or NPT threads.

Housings provided with **Filter-Fit**: special centering device for SX cartridges.

For cartridge heights 5", 7", 10".

Models with transparent or opaque bowls.

Max working pressure: 8 bar (116 psi).

Max working temperature: 45°C (113°F).

Accessories on demand: spanner, wall brackets.

Main materials: Reinforced PP, PET.

RO Vessel for 1812 and 2012 Reverse Osmosis membranes, with double o-ring sealing.

IN/OUT connections 1/4" and 1/8" with plastic BSP threads.

Max working pressure: 12 bar (174 psi).

Max working temperature: 45°C (113°F).

Accessory on demand: spanner.

Main material: Reinforced PP.



CARTRIDGES

A wide range of filter cartridges, for mechanical filtration and water treatment, made with various filtering and treating media.

- SX models with standard DOE flat seals, suitable to Atlas Filtri SX and DP housings and to major standard housings.
- BX models with 45 mm double o-ring end cap for exclusive use with Atlas Filtri housings 3P Plus BX, DP and K Plus.
- CX models with 57 mm double o-ring end cap for exclusive use with Atlas Filtri housings 3P Plus CX and K DP.
- Models with standard OD 62 mm (2.5"), heights: 4", 5", 7", 10", 20", 30", 40".
- Models **5" M Mignon** (for Mignon housings) with OD 45 mm (1.80").
- Models **BIG** (for big blue housings type) with OD 115 mm (4.5"), heights 10" and 20".

Accessories on demand: Filter-Fit special centering device for SX cartridges applicable for DP housings; containing sponge.



SX - Standard double open end (DOE) configuration with flat seals.



BX - Quick-fit configuration with 45 mm double o-ring end-cap.



CX - Quick-fit configuration with 57 mm double o-ring end-cap.



MECHANICAL FILTRATION

Washable nets

- **RL polyester net**, filter rate 50 micron, heights 4", 5" M, 5", 7", 10", 20", 30", 40". SX, BX, CX models.
- **RLA polypropylene frame/stainless steel net AISI 304 (RLA-C) or 316 (RLA-A)**, filter rate 90 micron, heights 10", 20", 30", 40". SX, BX, CX models.
- **RL-C polyester net easy-clean**, filter rate 50 micron, heights 10", 20", 30", 40". SX, BX, CX models.
- **RS polypropylene pleated net**, filter rate 50 micron, heights 4", 5", 7", 10", 20". SX, BX, CX models.
- **RA stainless steel net AISI 304 (RA-C) or 316 (RA-A)**, filter rates 70, 100, 150, 300, 500 micron, heights 4", 5" M, 5", 7", 10", 20". SX, BX, CX models.
- **SA stainless steel net AISI 304 (SA-C) or 316 (SA-A)**, filter rates 50, 100, 150, 300, 500 micron, heights 4", 5" M, 5", 7", 10", 20". SX, BX, CX models.

Filtration in depth (throw-away)

- **TS polyester pleated felt**, filter rate 50 micron, heights 4", 5" M, 5", 7", 10", 20". SX, BX, CX models.
- **CS pleated paper**, filter rate 25 micron, heights 4", 5" M, 5", 7", 10", 20". SX, BX, CX models.
- **GA quartzite block**, filter rate 10 micron, heights 4", 5", 7", 10", 20". SX, BX models.
- **AB ceramic**, filter rate 0.45 micron, heights 4", 5" M, 5", 7", 10", 10" V (OD 45 mm - 1.8"), 20". SX, BX models.
- **AC pleated polyester-borosilicate or polypropylene micro-filtration membranes with outer extruded frame**, filter rate 0.2 and 0.45 micron, heights 10", 20". SX, BX models.
- **AC-K pleated polyester-borosilicate or polypropylene micro-filtration membranes with outer moulded frame**, filter rate from 0.2 to 55 micron, heights 10", 20", 30", 40". SX, BX models, (and other end-caps configurations).

[new]



CPP and PP new

MELT-BLOWN polypropylene cartridges with benefits in high-efficiency filtration.

- **Standardization of the production** with dedicated software for every stage of the process.
- **Thermal insulation** at controlled temperature.
- **Certified raw materials.**
- **Full automation of the production line**, from raw material loading to finished product packing.
- **No direct human intervention**, no contact with the product: total hygienic safety.
- **Highest productivity.**
- **Quick delivery.**
- **Flexibility of the production line.**
- **Customized and OEM products.**

The range:

CPP "melt-blown" smooth, filter rates 1, 5, 10, 25, 50 micron, heights 4", 5", 7", 10", 20", 30", 40", 50", 60". SX, BX CX models (and other end-caps configurations).

Outer diameter: 56 or 62 mm (2.2" or 2.5").

- **CPP-IC** models with inner core.
- **CPP-IC/E** models with inner core and end-caps.

PP "melt-blown" grooved, filter rates 1, 5, 10, 25, 50 micron, heights 10", 20". SX, BX CX models (and other end-caps configurations).

Outer diameter: 56 or 62 mm (2.2" or 2.5").

Max working temperature: 80°C (176°F).



FA

Filter cartridges made with polypropylene thread wound on a polypropylene inner core, available in a variety of filter rates, heights, diameters and configurations.

FA cartridges are made to comply with the most stringent regulations for applications in drinking water and are ACS (Attestation de Conformité Sanitaire, France) certified.

The range:

- **FA Mignon:** OD 45 mm (1.8") ID 18 mm (0.7"), height 5". Filter rates 5, 10, 25, 50, 100 micron. SX models.
- **FA-R series:** OD 56 mm (2.2") ID 28 mm (1.1"), height 10". Filter rates 1, 5, 10, 25, 50, 100 micron. SX models.
- **FA series:** OD 63 mm (2.4") ID 28 mm (1.1"), heights 4", 5", 7", 10", 20", 30", 40". Filter rates 1, 5, 10, 25, 50, 100 micron. SX BX, CX models (and other end-caps configurations).
- **FA BIG series:** OD 115 mm (4.5") ID 28 mm (1.1"), heights 10" and 20". Filter rates 1, 5, 10, 25, 50, 100 micron. Suitable for BIG type housings.
- **FA BIG MULTI-LAYER series:** OD 115 mm (4.5") ID 28 mm (1.1"), heights 10" and 20". Gradient dual-layer filter rates 10-1, 25-1, 50-5, 50-10, 100-25, 100-50 micron. Suitable for BIG type housings.

Max working temperature: 45°C (113°F).

FA HOT

Filter cartridges made with polypropylene thread wound on a special reinforced-polypropylene inner core, suitable to PLUS HOT 3P housings, applicable for the filtration of hot water.

Heights 5", 7", 10", 20". Filter rates 1, 5, 10, 25, 50, 100 micron.

Max working temperature: 80°C (176°F).



WATER TREATMENT

GAC granular activated carbon

LA with coconut shell GAC.

Heights 5”M, 5”, 7”, 10”, 20”. SX, BX models.

- LA with standard GAC.
- LA-AG with silver treated GAC for bacteriostatic effect.

CA polypropylene melt-blown filter rate 25 micron with coconut shell GAC.

Heights 4”, 5”, 7”, 10”, 20”. SX, BX models.

- CA with standard GAC.
- CA-AG with silver treated GAC for bacteriostatic effect.

FA-CA polypropylene wound thread filter rates 5, 10, 25, 50 micron with coconut shell GAC.

Heights 4”, 5”, 7”, 10”, 20”. SX, BX models.

- FA-CA with standard GAC.
- FA-CA AG with silver treated GAC for bacteriostatic effect.

BT CPP LA polypropylene melt-blown filter rates 5, 10, 25, 50 micron with coconut shell GAC.

Heights 10”, 20”. SX, BX models.

- BT CPP LA with standard GAC.
- BT CPP LA AG with silver treated GAC for bacteriostatic effect.

CARBON BLOCKS

CA-SE carbon block filters.

Heights 4”, 5”M, 5”, 7”, 10”, 20”. SX, BX, CX models.

- CA-SE with filter rates 0.5, 1, 5 micron.
- CA-SE 0.3 silver treated for bacteriostatic effect, filter rate 0.3 micron.
- CA-SE HF with MF micro-filtration hollow fibre membranes, filter rate 0.15 micron. Height 10”.
- CA-SE HF-U with UF ultra-filtration hollow fibre membranes, filter rate 0.02 micron. Height 10”.
- CA-SE HF PB heavy-metals removal with MF micro-filtration hollow fibre membranes, filter rate 0.15 micron. Height 10”.
- CA-SE HF-U PB heavy-metals removal with UF ultra-filtration hollow fibre membranes, filter rate 0.02 micron. Height 10”.

CB carbon block filters with outer fleece and net.

Heights 5”, 7”, 10”, 20”. SX models.

- CB with filter rates 1, 5, 10 micron.
- CB PB for reduction of heavy metals, filter rate 1 micron.
- CB BIG with OD 4.25”, filter rates 1, 5, 10 micron. Heights 10”, 20” (BIG type housings).
- CB BIG PB with OD 4.25” for reduction of heavy metals, filter rate 1 micron. Heights 10”, 20” (BIG type housings).

CB-EC carbon block filters with outer fleece and net, featuring eco-claim for the reduction of CO2 release in atmosphere.

Heights 5”, 7”, 10”, 20”. SX models.

- CB-EC with filter rates 1, 5, 10 micron.
- CB-EC PB for reduction of heavy metals, filter rate 1 micron.
- CB-EC BIG with OD 4.25”, filter rates 1, 5, 10 micron. Heights 10”, 20” (BIG type housings).
- CB-EC BIG PB with OD 4.25” for reduction of heavy metals, filter rate 1 micron. Heights 10”, 20” (BIG type housings).

POLYPHOSPHATE CRYSTALS

HA with polyphosphate.

Heights 5”M, 5”, 7”, 10”, 20”. SX, BX models.

- HA with standard polyphosphate crystals 10/20 or 6/10 types.
- HA-M with special polyphosphate crystals 4/9 type.
- HA-S with polyphosphate in spheres.

BT CPP HA polypropylene melt-blown filter rates 5, 10, 25, 50 micron with polyphosphate.

Heights 10”, 20”. SX, BX models.

- BT CPP HA with standard polyphosphate crystals 10/20 or 6/10 types.
- BT CPP HA-M with special polyphosphate crystals 4/9 type.
- BT CPP HA-S with polyphosphate in spheres.

BT RL HA polyester washable net filter rate 50 micron with polyphosphate.

Heights 10”, 20”. SX, BX models.

- BT RL HA with standard polyphosphate crystals 10/20 or 6/10 types.
- BT RL HA-M with special polyphosphate crystals 4/9 type.
- BT RL HA-S with polyphosphate in spheres.

RESINS

QA with ionic exchange resins.

Heights 5”M, 5”, 7”, 10”, 20”. SX, BX models.

- QA-CF strong cationic resin for water softening.
- QA-AF strong anionic resin for the reduction of nitrates.
- QA-LM mixed bed of anionic and cationic resin for de-mineralization, with colour change at resin depletion.

CONTAINERS

Empty containers for filling with water treatment media.

- P models: transparent or opaque. Heights 5”M, 5”, 7”, 10”, 20”. SX, BX models.



ANTI-SCALE SYSTEMS

Polyphosphate dosing systems: with polyphosphate crystals (DOSAPROP, DOSAFOS, DOSAL), with ready-to-use polyphosphate charge or with polyphosphate powder (DOSAPLUS).
Magnetic conditioners.

POLYPHOSPHATE POWDER DOSING SYSTEMS

DOSAPLUS

Proportional dosing systems, designed for the maximum polyphosphate release of 5 mg/l in compliance with UE Directive 98/83/CE for use in drinking water.

All models provided with 360° rotational group for the easy connection to horizontal or vertical pipes.

- **DOSAPLUS 5** with plastic head/brass rotational group IN/OUT 3/4" BSP male.
- **DOSAPLUS 6** with plastic head/brass rotational group IN/OUT 1" BSP male.
- **DOSAPLUS 7** with special plastic rotational group IN/OUT, provided with 3/4" and 1" BSP nipples. The rotational group is made of high-strength plastics, resulting from Atlas Filtri research for performing materials and innovative manufacturing processes.

Max working pressure: 8 bar (116 psi).

Max working temperature: 40°C (104°F).

Max total hardness: 350 CaCO₃ (35°f).

Accessory included: spanner.

Main materials: Brass, reinforced nylon, reinforced PP, PET.

DOSAPLUS 5,6,7 refill charge: **polyphosphate powder** in 0,5 kg pack.



- **DOSAPLUS 2** with brass head and brass rotational group IN/OUT 1/2" BSP male. Mixing/by-pass valve integrated.
- **DOSAPLUS 3** with plastic head and brass rotational group IN/OUT 1/2" BSP male. By-pass valve integrated.
- **DOSAPLUS 4** with plastic head and brass rotational group IN/OUT 1/2" BSP male.

Max working pressure: 10 bar (145 psi).

Max working temperature: 40°C (104°F).

Max total hardness: 350 CaCO₃ (35°f).

Accessory included: spanner.

Accessory on demand: adaptor for boilers.

Main materials: Brass, reinforced PP, SAN.

DOSAPLUS 2,3,4 refill charge: ready-to-use refill **POLIPHOS** in package with 12 refills and in skinpack with 2 refills.



DOSAPLUS 2



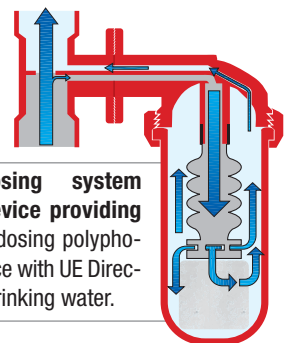
DOSAPLUS 3



DOSAPLUS 4



DOSAPLUS 5-6-7



Proportional dosing system equipped with device providing "Venturi" effect, dosing polyphosphate in compliance with UE Directive 98/83/CE for drinking water.

POLYPHOSPHATE CRYSTALS DOSING SYSTEMS

DOSAPROP PLUS

Proportional dosing systems, designed for the maximum polyphosphate release of 5 mg/l in compliance with UE Directive 98/83/CE for use in drinking water.

Models with loose crystals and diffuser tube (DOSAPROP) and with polyphosphate cartridge (DOSAPROP HA). IN/OUT connections 1/2", 3/4", 1", with brass BSP threads.

3P and 2P models, heights 4", 5", 7", 10".

MIGNON single models with -S- 90° connections and -L- in-line connections designed for point of use applications (boilers).

Max working pressure: 8 bar (116 psi).

Max working temperature: 35°C (95°F).

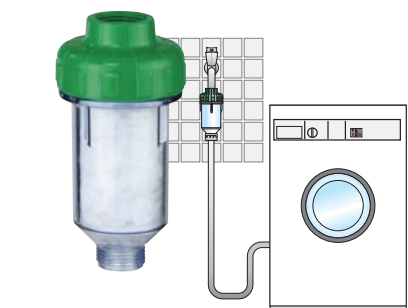
Max total hardness: 500 CaCO₃ (50°f).

Accessories on demand: spanner, wall brackets, brass and plastic nipples.

Main materials: Reinforced PP, PET, SAN (only Mignon type).



Proportional dosing system equipped with device providing "Venturi" effect, dosing polyphosphate in compliance with UE Directive 98/83/CE for drinking water.



POLYPHOSPHATE CRYSTALS DOSING SYSTEMS

DOSAFOS PLUS

Non-proportional dosing systems designed for the use on not-for-drinking water applications.

Models with loose crystals and diffuser tube (DOSAFOS) and with polyphosphate cartridge (DOSAFOS HA).

IN/OUT connections at 1/2", 3/4", 1", with brass or plastic BSP threads; models with NPT plastic threads 3/4", 1".

3P and 2P models, height 4", 5", 7", 10".

MIGNON single models with -S- 90° connections, -L- in-line connections and -SL- 3 ports heads connections designed for point of use applications (boilers).

Max working pressure: 8 bar (116 psi).

Max working temperature: 35°C (95°F).

Max total hardness: 500 CaCO₃ (50°f).

Accessories on demand: spanner, wall brackets, brass and plastic nipples.

Main materials: Reinforced PP, PET, SAN (only Mignon type).

POLYPHOSPHATE CRYSTALS DOSING SYSTEMS

DOSAL

Non-proportional dosing system designed for the protection of washing machines. Easy and ready for the installation to standard water supply of washing machines. No plumbing required.

Max working pressure: 8 bar (116 psi).

Max working temperature: 35°C (95°F).

Max total hardness: 500 CaCO₃ (50°f).

Main materials: Reinforced PP, SAN.



POLYPHOSPHATE CRYSTALS REFILL 0.5 kg and 1.5 kg pack with 6/10 (small) crystals or 10/20 (large) crystals, for refill of DOSAPROP, DOSAFOS, DOSAL.

MAGNETIC ANTI-SCALE CONDITIONERS

MAG

Brass chromed bodies with neodymium magnets with magnetic induction up to 12800 gauss.

Models with IN/OUT connections type MM (male/male), MF (male/female), FF (female/female). IN/OUT connections at 1/8", 1/4", 1/2", 3/4", 1", 1"1/4, 1"1/2, 2" with BSP threads.

Models designed for point of use application at boilers, washing machines, showers.

Max working pressure: 10 bar (145 psi).

Max working temperature: 90°C (194°F).

Max total hardness: 350 CaCO₃ (35°f).



HA polyphosphate cartridge refill for DOSAPROP HA and DOSAFOS HA, heights 4", 5", 7", 10".

HA MIGNON polyphosphate cartridge refill for DOSAPROP MIGNON HA and DOSAFOS MIGNON HA, height 5" M.

ATLAS FILTRI ENGINEERING

Atlas Filtri Engineering designs and provides full water treatment plants, customized in every detail upon specific requirements:

- Data collection, qualitative and quantitative analysis of the water to be treated and validation of the final use (potabilization, technical use, recycling for irrigation, industry, community).
- Definition of the most suitable process to be adopted, with lab simulation, and definition of the most cost/effective B.A.T. (Best Available Technology).
- Design implementation: hydraulic dimensioning, definition of the equipments and functionality, dimensioning of the electrical control panels.
- Equipment assembly with technical running test.
- Equipment installation on site, start-up and personnel training and consignment of the manual of use and maintenance.



RO 4500 BW
Brackish water
Permeate production 4500 l/h



RO 6500 BW
Brackish water
Permeate production 6500 l/h

REVERSE OSMOSIS

Standard units from 40 l/h to 1000 l/h.

RO units and plants designed on specific demand up to 50000 l/h. Models applicable for brackish water. Single stage RO units and dual stage RO units for bi-desalination for technological use, designed for use in several industrial sectors: pharmaceuticals, cosmetics, electronics, and all other use requiring ultra-pure water. A wide range of components from prime manufacturers to achieve the highest standards combined with specific proprietary solutions to improve technology and liability.



RO 050.DGT
Permeate production 50 l/h



RO 1000
Permeate production 1000 l/h



RO 80
Permeate production 80 l/h

SOFTENERS

JUPITER

A wide range of automatic softeners, for residential and industrial use.

Models with separated brine tank, single cabinet models, duplex models.

Resin tanks from 5 to 1100 litres. Flow rates from 500 to 50000 l/h. Larger resin tanks/flow rates available on demand.

Standard models with control valve type:

- **ATL** Autotrol 255/740 Logix digital timer.
- **ATL** Autotrol 268/740 Logix digital timer.
- **ATM** Autotrol Magnum timer.
- **AVL** Autotrol 255/760 Logix digital volumetric.
- **AVL** Autotrol 268/760 Logix digital volumetric.
- **AVM** Autotrol Magnum volumetric.

FT and **FV** models with Fleck timer or volumetric control valve.

Available accessories: chlorination kits for resin disinfection, manual by-pass.



PORTABLE SOFTENER

ADRIATIC 5

With manual control valve to easily operate softening, rinse and regeneration stage.

No electricity, no plumbing required.

Provided with CB-EC - Eco carbon-block pre-filtration cartridge at 10 micron and HS easy-brine refill cartridge with salt.

Features: 5 litres resin tank, weight 10 kg, dimensions 250x370x445 mm.

Hobby: car wash, caravanning, yachting, gardening, etc.
Professional use: filling of heating systems, solar panels, glass wash, etc.



MEDIA FILTERS

MARS

Automatic iron-removers with Pyrolusite.

Media tank from 25 to 700 litres.
 Flow rates from 750 to 10000 l/h.
 Larger media tanks/flow rates available on demand.
 Standard models with control valve type:
 - **ATL** Autotrol 263/740 Logix digital timer.
 - **ATM** Autotrol Magnum timer.
 - **AVL** Autotrol 263/760 Logix digital volumetric.
 - **AVM** Autotrol Magnum volumetric.
 Models with Birm and Manganese Greensand available on demand.
Available accessory: manual by-pass.

SAND

Automatic sand-filters with quartzite beds with a gradient of varied granulometry.

Quartzite tank from 25 to 500 litres.
 Flow rates from 700 to 14000 l/h.
 Larger media tanks/flow rates available on demand.
 Standard models with control valve type:
 - **ATL** Autotrol 263/740 Logix digital timer.
 - **ATM** Autotrol Magnum timer.
 - **AVL** Autotrol 263/760 Logix volumetric.
 - **AVM** Autotrol Magnum volumetric.
Available accessory: manual by-pass.



VENUS

Automatic chlorine-removers with GAC, granular activated carbon.

GAC tank from 25 to 600 litres.
 Flow rates from 700 to 16000 l/h.
 Larger media tanks/flow rates available on demand.
 Standard models with control valve type:
 - **ATL** Autotrol 263/740 Logix digital timer.
 - **ATM** Autotrol Magnum timer.
 - **AVL** Autotrol 263/760 Logix volumetric.
 - **AVM** Autotrol Magnum volumetric.
Available accessory: manual by-pass.

VEGA new

Automatic arsenic-removers with GFH (Granular Ferric Hydroxide).

GFH tank from 40 to 360 litres.
 Flow rates from 400 to 3200 l/h.
 Larger media tanks/flow rates available on demand.
 Standard models with control valve type:
 - **ATL** Autotrol 263/740 Logix digital timer.
 - **ATM** Autotrol Magnum timer.
 - **AVL** Autotrol 263/760 Logix volumetric.
 - **AVM** Autotrol Magnum volumetric.
Available accessory: manual by-pass.



HOUSINGS AND FILTERS

PROFESSIONAL

HYDROS multi-cartridge stainless steel AISI 316 housings: IN/OUT connections 1-1/2", 2".
 Models for 3, 5 or 6 cartridges 10", 20", 30" or 40".
CYCLONE centrifugal sand-removing filters: IN/OUT connections 3/4", 1", 1-1/4", 1-1/2", 2", 3" male BSP threads; DN100, DN125, DN150, DN200 flanged ports.
FT multi-cartridge carbon steel housings: IN/OUT connections 1-1/2", 2".
 Models for 4, 8 or 12 cartridges 10".
FC stainless steel AISI 316 basket filters: IN/OUT connections 1-1/2", 2". With stainless steel basket and a variety of plastic nets and felt bag filters.

DOSING PUMPS

DOSING PUMPS and fully equipped dosing stations for chemicals, conditioners and disinfectants to ensure the required products concentration within the circuit at every moment.

Models with fixed dosage or with volumetric/proportional dosage. A wide range of accessories available: storage tanks, deep switches, meters, injectors, monitoring tools.

ANALYTICAL INSTRUMENTS high precision analogical or digital instruments for the monitoring of chemical-physical parameters of water (pH, redox, Cl, temperature, turbidity, etc.), for the monitoring of pollution and concentration of chemicals added for the treatment (oxidants, disinfectants, conditioners).



CHEMICAL PRODUCTS

A wide range of chemical for the restoration of old heating and cooling systems, solar panels and for the protection of the new ones from corrosion, incrustation, freeze:

AFIPREV antialgae/bactericide.

AFIFER flusher for heating systems.

AFIGEL antifreeze for drinking water systems and solar panels.

AFIKILL sanitizer - biocide for heating/cooling systems.

AFIOX descaler for limescale, dirt, sludge.

AFICLEAN corrosion inhibitor with bactericide.

AFISTOP T self-sealing liquid for heating systems.

DICAL descaler for heating systems.

DICAL AL descaler for aluminium and aluminium-silicon.

NEUTRAL residual acidity neutralizer.

RIDUCEN oxygen scavenger and noise reducer additive.

NEUTRAL COND acidic condensate neutralizer for wall-mounted condensing boilers.

AFISANY bactericide, biocide, virucide for domestic use.

AFICLOR fast-acting algaecide, bactericide, fungicide.

AFISTOP S self-sealing liquid for drinking water pipes.

POLIPHOS L conditioner for domestic hot water circuits, scale inhibiting and anti-corrosive action.



STERILIZERS

UV

Ultra Violet single and multi lamp sterilization units for small, medium and large water flows.

Standard UV chambers in AISI 304 stainless steel (AISI 316 available on demand).

Domestic series (AL)

- Flow rates 300 - 600 l/h; male thread IN/OUT connections from 1/8" to 1/2".

LCD series

- Flow rates 1,2 - 2,8 - 3,6 - 4,5 - 5,1 - 6 m³/h; male thread IN/OUT connections from 3/4" to 1"1/2".

RACK series

- Flow rates 8 - 14 - 20 m³/h; male thread IN/OUT connections 1" 1/2 and 2".

- Flow rates 30 - 40 m³/h; flanged ports DN 80.

DS series

- Flow rates 65 - 80- 135- 150- 250- 300- 420 m³/h; flanged ports from DN 100 to DN 250.



EQUIPMENTS

DRINKING WATER

Water filtration and treatment plants (also container assembly) for the production of drinking water, designed by modules.

Special designs and application of special technologies for the management of water resources and the production of potable water, with innovative solutions, cost/effective, easy management, reduction of the environmental impact.

Atlas Filtri can design drinking water plants especially designed for every industry, with customized units for food and beverage, for the commercial and contract sector (hotels, resorts, spas) and for all residential requirements.





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