

Dear Customer, thanks for choosing this Atlas Filtri product, manufactured in Italy.

General direction for use

- Use only for filtration of water with pH from 6.5 to 9.5. In case of water with pH below or above the limits use only housings marked as PP (Pure Polypropylene).
- In case of filtration of drinking water, do not use with unsafe water or with water of unknown quality without adequate disinfection before or after the filter.
- Keep protected from light, install under direct light only models with opaque bowl, marked as AB or BW.
- Keep protected from back-flows with a non-return valve.
- Keep protected with a pressure-reducer device, if pressure exceeds the working pressure indicated in the product sticker.
- Keep protected from water hammer with an anti-water hammer device (expansion vessel). See Installation lay-out for applicable devices (Fig. C).
- Do not install near to electric appliances.

WARNING

- **Respect the working conditions as shown in the sticker affixed to the product.**
- If the sticker is tampered, damaged, not legible or missing do not install and contact your Atlas Filtri dealer.

Installation guidelines

WARNING

- Before the installation, carefully lubricate the housing o-ring which is located at the bowl top. Ask your vendor for original lubricant Lubrikit.
- Before the installation, check if the hydraulic system has been set-up according to the rules-of-the art in force.
- Install the products in sheltered rooms and protected from freeze and excessive heat.

Refer to figures:

- A** Applicable sealant and applicable fittings (depending on model).
- B** IN-OUT directions presentation and vent-valve (V) location in different models.
- C** Installation lay-out:
 1. Municipal water mains | 2. Non-return valve | 3. Pressure reducer | 4. By-pass | 5. Anti-water hammer device (expansion vessel) - check from the table for the appropriate device volume (V) depending on piping diameter (Ø) | 6. Filtering unit of any model | 7. Other utilities
- Installation of manometers and/or discharge kit for models with such accessories: M models (with manometers) S (with discharge kit) and SM (with discharge kit and manometers)
 - * Manometers: apply some sealing tape to the thread of the manometers and screw them on tightly, but without over-tightening, into the 1/8" threaded ports on the top of the head; at product start-up, in case of leakage of water add some more sealing tape and/or screw more tightly. In the case of K models (housings with brass head) unscrew the plugs placed on top of the head and screw the manometers in accordance with the procedure indicated above. For products with plugs (screws) for manometers: screw the plugs (provided with o-rings) on tightly.
 - * Discharge kit: screw the plastic nipple with o-ring to the threaded port for discharge on the bottom of the housing, screw on the ball valve to the nipple, making sure that the gasket of the valve is in place, then screw the ball valve to the drain funnel or to the plastic hose-holder, making sure that the gasket is in place. For products with discharge plug: screw the plug on tightly.

Installation and start-up

- Turn-off water mains.
- Avoid all kind of tensions by using original wall brackets as a support (ask your vendor for original ones if not included) with the exception of housings marked as DP DS.
- The installation of a by-pass is recommended.
- Connect the inlet to the product's side with the indication IN and the outlet to the side with the indication OUT.
- Connect to pipes using cylindrical (parallel) fittings (BSP - ISO 228), possibly with flexible hoses.
- Connect to tapered (conical) fittings (ANSI/ASME B1.20.1) only if the product is marked with NPT on head, possibly with flexible hoses.
- Use only sealing tape as a sealant for the connections.
- If the product is supplied without cartridge/s, unscrew the housing bowl from head and insert the cartridge/s, lubricate the o-ring with the original lubricant LubriKit, then screw the bowl to head and tighten with original spanners (ask your vendor for original ones if not included).
- Turn-on water mains.
- Unscrew the vent-valve and wait for air purge, then screw and tighten the vent-valve.

WARNING

Make sure that there are no water leaks from the product, and especially control the tightening between the housing head and the housing bowl. Continue checking that the tightening is good and there is no water leakage for 48 hours following the installation and start-up. In case of leakage, open the housing, remove the o-ring from the bowl, place a new o-ring and apply original lubricant LubriKit, then re-tighten the bowl to head and repeat the leakage check as above. Use only original Atlas Filtri o-rings otherwise the warranty is void. Ask your vendor for original o-rings, LubriKit and other spare parts.

- > Remark: after the installation, slowly turn on a water supply (tap) downstream the installed unit and let the water flow for at least 5 minutes before the use.

Maintenance

- Periodically clean the housing with cold water and a soft sponge. Replace the housing bowl every 5 years at least.
- Change the cartridge or wash cartridge clean depending on direction shown on the replacement packaging/leaflet/sticker.
- If not in use for long time: remove the cartridge; at re-starting: use a new cartridge.

WARNING

At re-start after every maintenance operation and/or refill change, when the unit's bowl is unscrewed from head, change the o-ring with a new one and carefully lubricate with original lubricant LubriKit before tightening the bowl to the head. Make sure that there are no water leaks from the product, and especially control the tightening between the housing head and the housing bowl. Continue checking that the tightening is good and there is no water leakage for 48 hours following the installation and start-up. In case of leakage, open the housing, remove the o-ring from the bowl, place a new o-ring and apply lubricant, then re-tighten the bowl to head and repeat the leakage check as above. Use only original Atlas Filtri o-rings otherwise the warranty is void. Ask your Vendor for original o-rings, LubriKit and other spare parts.

- > Remark: after the maintenance, slowly turn on a water supply (tap) downstream the installed unit and let the water flow for at least 5 minutes before the use.

Filter Cartridge replacement

Follow regulations in force for the disposal of used cartridges.

1. Before opening the housing turn-off water mains.
 2. Release the pressure from the product by un-screwing the vent-valve.
 3. Open the housing unscrewing the bowl from head.
 4. Remove the used cartridge.
 5. Wipe clean the filter housing with cold water and a soft sponge.
 6. Open the new cartridge wrap and discard wrap. Carefully read the leaflet/sticker for directions and keep it for future reference.
 7. Insert the new cartridge and place it into the housing.
 8. Lubricate the o-ring with original lubricant LubriKit or change with a new o-ring (ask your vendor for original ones if not included).
 9. Tighten the housing bowl to the housing head using original spanners. Do not over-tighten.
 10. Turn-on water mains.
 11. Wait for air purge from the vent-valve, then screw and tighten the vent-valve.
- > Remark: after operation, slowly turn on a water supply (tap) downstream the installed unit and let the water flow for at least 5 minutes before the use.

ATTENTION: using cartridges different from the Atlas Filtri original ones make the warranty void - Ask your vendor for original cartridges. The ranges of original filter cartridges are available on www.atlasfiltri.com

NOTICE: videos with directions to ease installation and maintenance are available on www.atlasfiltri.com

PRODUCT DISPOSITION. The product must be disposed of in accordance with applicable local and national regulations. For correct disposal, a chart of product's materials is available on www.atlasfiltri.com/en/downloads.

Warranties

- Keep the sticker placed onto the package to identify the product.
- For UE member Countries, warranty terms are applied as indicated by the Directive 1999/44/CE and 2011/83/UE. For extra UE Countries, the product is granted by a limited warranty for 12 months from the date of purchase proven by a regular receipt. The liability of Atlas Filtri S.r.l. is limited solely to the replacement of proven defective housing, excluding shipping, installation labor or other repair costs. No warranty is given on filtration or anti-scale performances as it may vary with local water conditions and water consumption.

For any controversy whatsoever, Atlas Filtri S.r.l. elects the Court of Padova as the competent Bar, with the application of the Italian Regulations and Laws.