comap

Aquatis

that's excellence.

ENG Installation and operating instructions

aalberts hydronic flow control

Contents

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1. Important recommendations

1.1. Important safety instructions

⚠ **Before using this device, please read this manual carefully and keep it for future reference.**

Use this device only for its intended purpose, as described in this manual. This device must not be used by children under 8 years of age or by persons with reduced physical, sensory or mental capabilities or lacking experience or knowledge, unless they are properly supervised or have been given instructions on safe use of the appliance and have understood the risks involved. Children must not play with the device. Cleaning and maintenance by the user must not be carried out by unsupervised children. The warnings and important safety instructions contained in this guide are not intended to cover all possible situations. It is your responsibility to use common sense and caution when installing, maintaining and operating the unit.

Do not modify the unit.

Do not climb on the unit. Do not place any objects (such as linen, lighted candles, lighted cigarettes, metal objects, etc.) on the unit.

Do not place water containers or filter bowls on the unit.

1.2. Before installation

⚠ Install on a cold water supply (temperature between 2°C and 38°C).

If your cold water network has a pressure of over 4 bars, you must install a pressure reducer.

Place your device in a temperate location (temperature between 5°C and 35°C).

Do not install in direct sunlight or near stoves, heaters or other device.

⚠ Do not use aerosols near the unit. Do not install this unit where gas leaks are likely to occur.
Mount the unit on a solid material capable of supporting 6 kg at 3 fixing points. The dowels supplied are designed for materials such as concrete. For other types of material, use a suitable fastener.

⚠ Do not install near heat sources or flammable materials.

Do not install this device in damp, oily or dusty conditions, or in locations exposed to direct sunlight or water.

Do not place the product under anything that could be a source of leakage (pipe, tap, etc....).

We recommand to call in a qualified technician or service company to install or repair the unit.

Changes or modifications made to this device by a third party are not covered by the COMAP warranty service.

⚠ COMAP cannot be held responsible for safety problems or damage resulting from modifications made by third parties.

⚠ Respect the lifetime of consumables and replace them according to the instructions.

⚠ Do not attempt to repair, disassemble or modify the unit yourself.
These instructions are intended to help you install Aquatis. The visuals shown are not contractual.

⚠ Be careful not to reverse the batteries.

1.3. Tools required

- Pen or pencil.
- Drill with 6 mm drill bit for fastening to solid material.
- Screwdriver or Phillips screwdriver.
- Wrench.
- Spirit level.
- Cutter.
- Tape measure.

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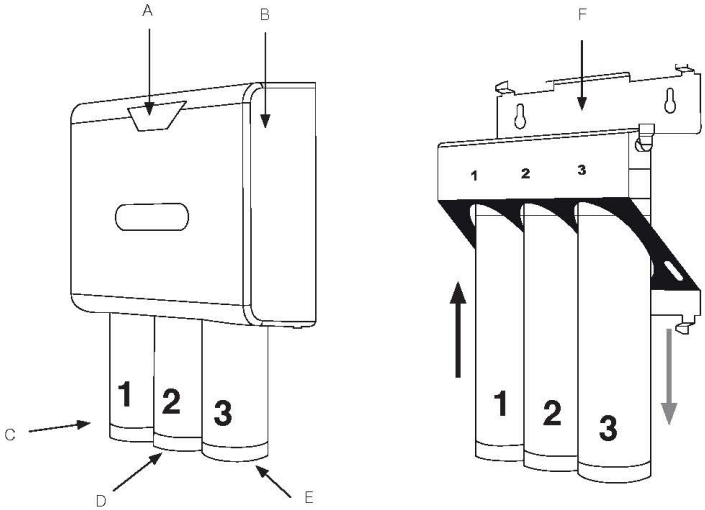
2. Description

2.1. Technical data

- 1st : filtration of sediments, chlorine tastes and odors with10µmactivated carbon.
- 2nd : filtration of pesticides, herbicides, with10µmactivated carbon.
- 3rd : filtration of bacteria and viruses with 0.1µmhollow-fiber membrane.
- Electronic board powered by 2 x 1.5V AA LR6 batteries (included).
- Three-color LEDs (green, orange, red) and buzzer to indicate consumable wear.
- Working pressure: 0.5 bar - 4 bar.
- Minimum - maximum water temperature: 2 - 38 °C.
- Flow sensor.
- Filtered water flow rate: 120 l / h.
- Inlet/Outlet Ø ¼".
- Dimensions: 36 x 27.5 x 9 cm.
- Overall dimensions: 50 x 27.5 x 9 cm, required for filter replacement.
- Weight: 6 kg.



Water circulation direction: C->D->E (1->2->3)

A Filter wear control panel
B Cover fitted with electronic filter wear management card
C 10 µmchlorine anti-sediment, taste and odour cartridge
D 10 µmanti-pesticide and herbicide cartridge
E 0.1 µmultrafiltration cartridge
F Filter head and flow sensor support bracket

2.2. How to use the device

⚠ Device for drinking water only, to be connected to the mains water supply.

⚠ Filter life depends on the quantity and quality of the water being treated, and on the length of time it is used for hygienic reasons.

⚠ The direction of circulation must be respected, as any reversal will affect the operation and efficiency of the unit, and will invalidate the warranty.

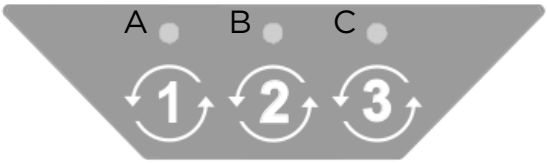
⚠ After commissioning, rinse the cartridges for a few minutes with running tap water before using the filtered water.

⚠ Please do not store bottled water for more than 24 hours.

3. Control panel operation

3.1. The control panel

A control panel shows the state of wear of the filters and indicates when replacement is necessary.
The panel consists of 3 LEDs **A**, **B** and **C** , which can be green, orange or red, and 3 buttons **1**, **2** and **3**. LEDs **A**, **B** and **C** correspond to filters **1**, **2** and **3**respectively. A buzzer (audible alarm) also alerts you to the need to replace the filter in situations where the product is not visible (e.g. under a sink).
The LEDs light up each time water is drawn from the tap, or if one of the buttons is pressed.



A Filter 1 status
B Filter 2 status
C Filter status 3

1 Filter reset button 1
2 Filter reset button 2
3 Filter reset button 3

3.2. Operating states

Indicator color	Buzzer (audible alarm)	Meaning
Green	-	Filter status OK
Orange	Two audible signals	Plan to replace the filter
Flashing red	Short alternating beeps over a long period of time	The filter must be replaced
3 LEDs flash alternately in red	Long alternating beeps	The batteries are almost empty, replace them

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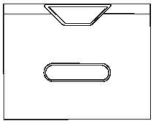
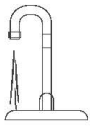
4. Before installation

Install the valve according to the dedicated instructions.

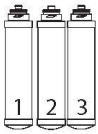
4.1. Checking accessories



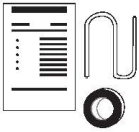
Aquatis



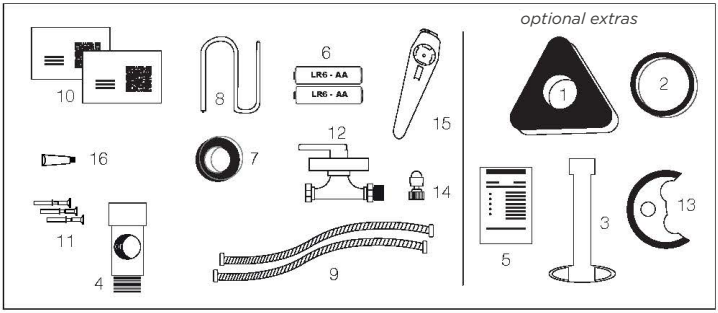
1 or 3-way valve (optional)



3 filter cartridges



Bag of accessories



1 Under-sink wedge for thin stainless steel models.*
2 Washer under tap*
3 Tap wrench *
4 Flexible cold water tee
5 Valve warranty booklet
6 2 LR6 - AA 1.5V batteries

7 Teflon sealing tape
8 Ø1/4" connecting pipe
9 Hoses.

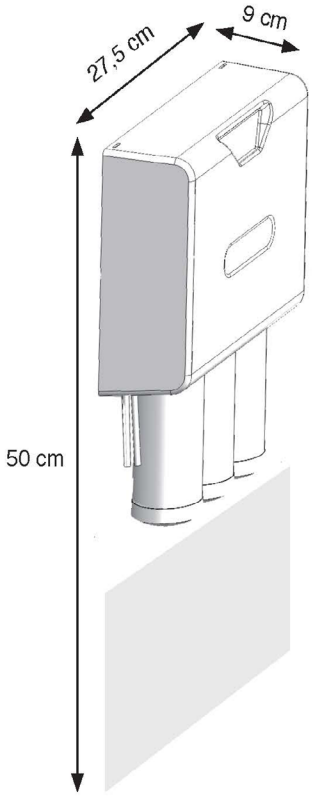
10 Card and sticker with instructions for use
11 Fixing dowels
12 Stop valve
13 Half-moon washer for valve clamping* (in French)
14 Several fittings available for the tap-free option

15 Metal filter key
16 Silicone food grease.

**Depending on option*

Dimensions: 36 x 27.5 x 9 cm.

Allow for a wall dimension of 50 x 27.5 x 9 cm, corresponding to the space required for filter cartridge replacement.



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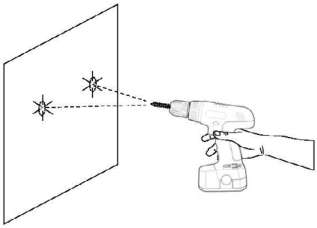
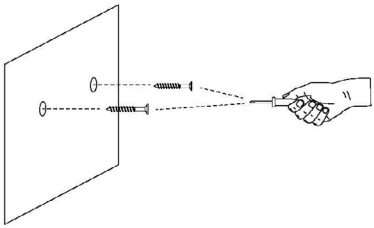
5. Installation

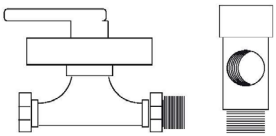
5.1. Support preparation

You can use the filter head support bracket to mark the fixing points. Use a spirit level to ensure correct positioning. Then drill to the Ø of the screws or plugs, depending on the mounting support. Then fit the 2 top screws.





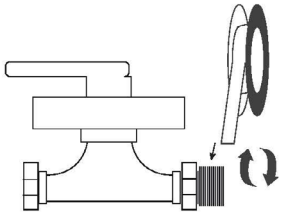
5.2. Preparing the fitting

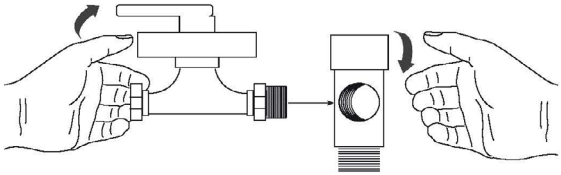


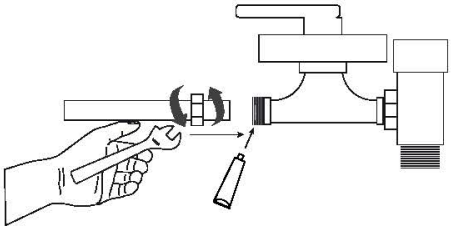
Use PTFE (Teflon) tape to prepare for fitting the shut-off valve to the fitting. Apply between 15 and 20 layers of Teflon to the male thread of the stopcock to achieve a watertight seal. Screw it on the fitting.

⚠ Be careful not to exert too great a tightening force, which could cause the shut-off valve to break. This cause of breakage cannot be covered under the warranty, nor can the damage caused.

Then connect one end of the tube to the stopcock. Tighten with a wrench. Use the supplied tube to apply food-grade grease to the inlet of the stopcock to facilitate insertion.

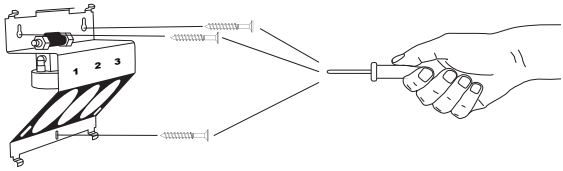






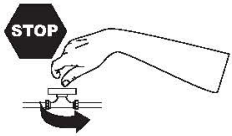
5.3. Fixing the Aquatis

Remove the cover and attach the unit to the bracket.



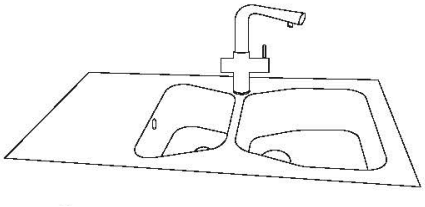
5.4. Hydraulic connection and valve installation

Step 1:
Cut off the water supply to your kitchen or, failing that, to your home.



Step 2:
Open the valve to relieve the pressure in the system.

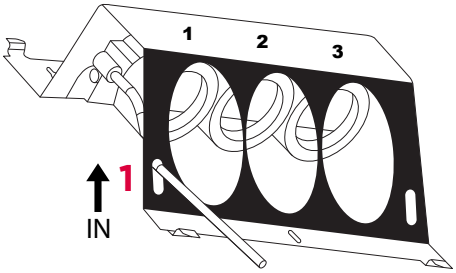
Step 3:
When replacing a faucet, install only the hose on the hot water inlet. The cold water inlet hose will be installed in the following steps. To do this, refer to step 7.1. If you want to keep your faucet, unscrew only the cold water inlet hose.

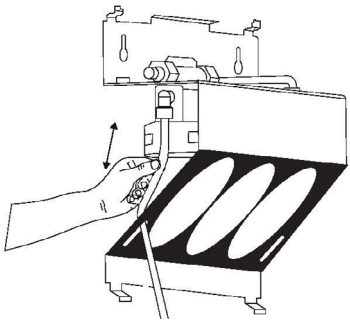


Step 4:
Screw the pre-assembled fitting to the cold water inlet. Then connect the hose to the pre-assembled fitting.
Ensure that the seal is present between the two parts before screwing.

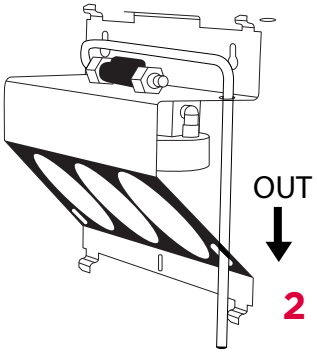
Step 5:
Place the white pipe in the hole at the bottom left of the support bracket, then at the appliance inlet fitting, and cut it to the right length to fit into the fitting.
Insert the white hose, adjusted to the correct length, through the hole in the bottom left-hand corner of the support bracket and into the appliance inlet fitting.
Once installed, check that the pipe is firmly seated in the fitting by pulling on it.

⚠ **Pay attention to the direction of connection. Make sure to pass the pipe through hole 1 .**

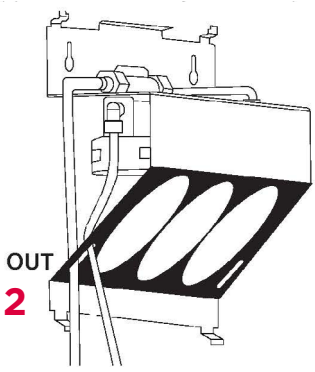




Step 6:
As with the inlet pipe, cut the Aquatis outlet pipe to size. Connect it to the OUT output of the device. Pass the hose through passage **2**.

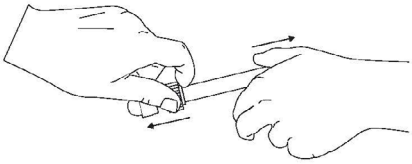


OR



The hose is connected using the automatic push connector.
If necessary, to disconnect the hose coupling, press down on the white washer and

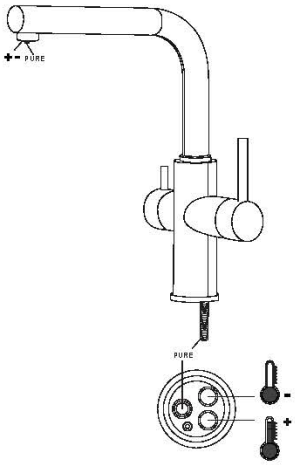
simultaneously pull down on the hose.

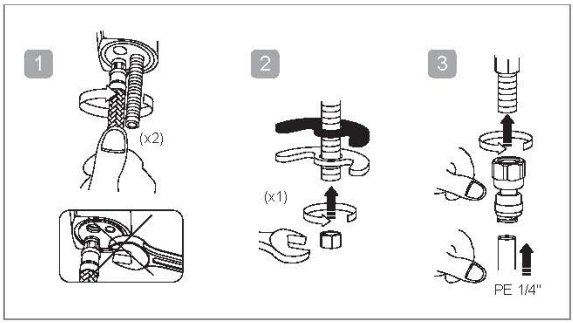


For disconnection if necessary.

Step 7:

Ensure that the plastic connector is correctly fitted to the filtered water inlet on the tap. Remove the blue tab on the connector, then clip the Aquatis outlet hose onto the pure filtered water tap connector. Check for correct mechanical connection by pulling on the hose.

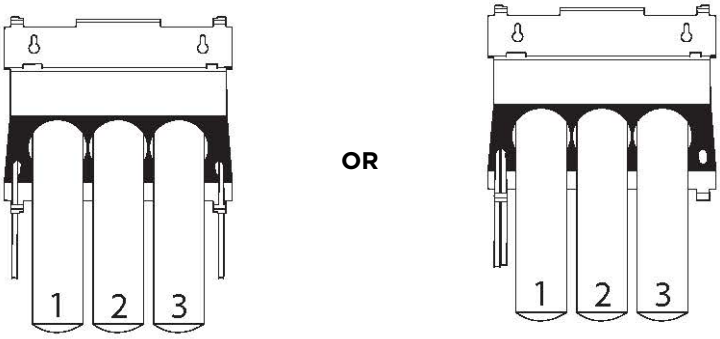




Similar operation for 1-channel and 3-channel versions

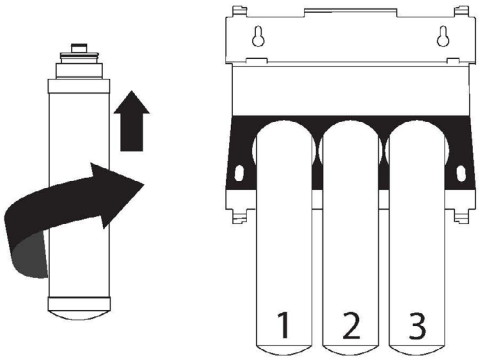
The 3-way valve is installed in place of your existing faucet. Check the size of the current tap hole by inserting the 3-way tap.

Installing the 1-way tap requires drilling an additional hole in your worktop. Use the right tools for the material of your sink or worktop and the right diameter. Check beforehand that the drilling will lead to an accessible place for installation. If in doubt, call in a professional.

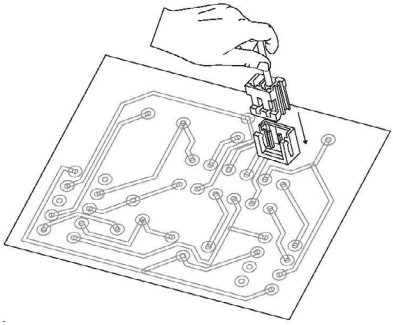


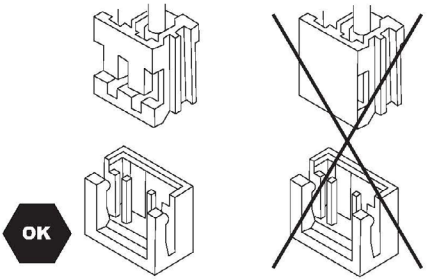
5.5. Cartridge installation

⚠ Apply silicone food grease to the joints beforehand, or wet them with water. Observe slots 1, 2 and 3 according to the number on the cartridge label, from left to right. Place the cartridge to be inserted under the corresponding slot. To align the cartridge with Aquatis, position it between the two sides showing information. Once engaged, rotate the cartridge a quarter-turn to the right. The label must be visible from the front.



5.6. Connect flow sensor



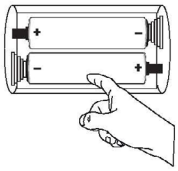


⚠ Be sure to install the flow sensor connector in the correct direction (see photos opposite). Don't force it if it doesn't fit. Take care not to touch the circuit board with wet fingers.

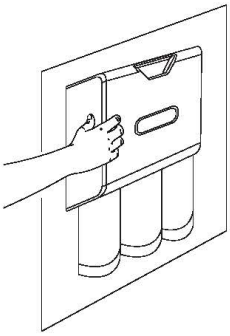
5.7. Place the batteries on the electronic card

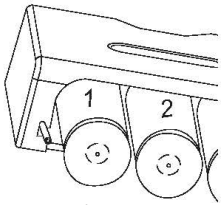
⚠ LR6-AA batteries must have the correct polarity.

Once the batteries are installed, all three Aquatis LEDs should light up green. If they don't light up, check that the batteries have been inserted the right way round.

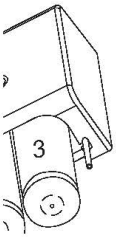


Position the cover by hooking it on the upper mounting lugs and then engaging the lower clips.

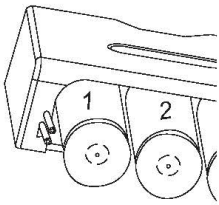




Input



Output



Input / Output

Hook hardness can be adjusted using the oblong hole at the bottom of the bracket. Ex. if the cover is too hard to unclip, unscrew the central screw and refit the holes at the bottom of the bracket.

5.8. Commissioning

Gradually open the system's general shut-off valve, then the Aquatis shut-off valve.

⚠ Check for leaks during 48 hours by visual inspection.

Open the tap used for the filtered water and let the water run for a few minutes through the small filtered water lever to rinse the cartridges. During flow, check that all 3 LEDs are lit, indicating that the unit is correctly connected (hydraulically and electrically).

Note that the water may appear cloudy during the first few fills. This is due to small air bubbles being expelled from the pre-filtration and ultra-filtration cartridges, which filter at 10 µmand 0.1 µmrespectively. The water is perfectly drinkable and of excellent quality.
This phenomenon can last until all the micro air bubbles have been expelled (depending on the pressure of the system and the hydraulic installation).

6. Replacing consumables

The control panel shows you :

It automatically calculates the remaining life based on consumption and time elapsed since installation.

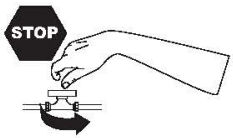
References :
1 SC : Q112020001
2 HP : Q112021001
3 BU : Q112022001

Alarm :
Spent cartridge(s) (orange light + beeps).
Cartridge(s) out of order, replace (red light + beeps).
Batteries out of order, replace (3 alternately flashing red lights + beeps).

6.1. Handling

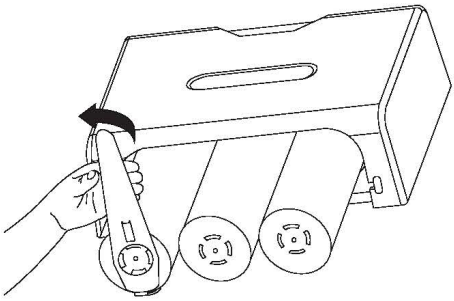
Filters can be replaced at any time. To avoid water dripping from the cartridges when replacing them, proceed as follows:

1. Open the filter tap and let the filtered water run. While the water is running, turn off the water supply by turning the shut-off valve on the Aquatis tap a quarter-turn to the right. The valve blades must be perpendicular to the pipe. The water will continue to flow slightly from the filtration tap. When the water stops flowing, turn off the tap using the small filtered water control lever.



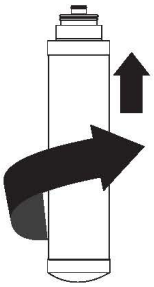
2. Prepare the cartridge to be replaced by removing it from its protective bag.

3. Remove the cartridge by turning it a quarter-turn to the left, using the metal filter wrench to engage the recess at the bottom of the cartridge.

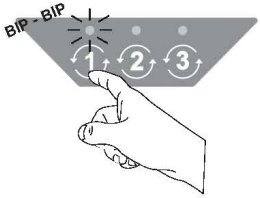


⚠ CAUTION: keep cartridges upright as they are still full of water.

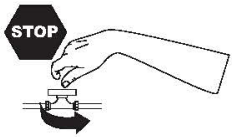
4. Replace the new cartridge by pushing it upwards and turning it to the right, with the seals previously coated with food-grade silicone grease.



5. Once the cartridge is installed, press the button corresponding to the cartridge for 5 seconds, until the LED flashes green twice rapidly and the beeper sounds twice rapidly. This signal indicates that the cartridge has been reset.



6. Re-open the water supply.



7. Let the water run for several minutes to rinse the cartridge. A whitish or even cloudy appearance may appear. This is due to small air bubbles being expelled from the prefiltration and ultrafiltration cartridges. The water is perfectly drinkable and of excellent quality. This phenomenon can last until all the micro air bubbles have been expelled (depending on the pressure of the system and the hydraulic installation).

6.2. Spare parts list

Spare parts are available for 5 years from the end of production.

Designation	Duration	Reference
Cartridge 1	5 years	Q112020001
Cartridge 2	5 years	Q112021001
Cartridge 3	5 years	Q112022001

comap

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