



ULTRAFILTRATION SYSTEM

Use and Maintenance Manual

AQUA TRIPLEX UF





FILTRATION - DYEING - DETERGENT & HYGIENE - POOL EQUIPMENT



DECLARATION OF CONFORMITY

Company:	AQUA S.p.A.
Address:	Via T. Crotti, 1 - 42018 - San Martino in Rio (RE)

Hereby declares that the products named:

• AQUA TRIPLEX

Responds to the principal features of the following European Directives:

- **2014/30/CE of 26/02/2014 - Harmonization of the laws of the Member States relating to electromagnetic compatibility - EMC Directive**
- **2014/35/CE of 26/02/2014 - Harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits - Low Voltage Directive**
- **2011/65/UE of 08/06/2011 with subsequent update 2015/863 of 31/03/2015 - ROHS III Directives**
- **2012/19/UE of 04/07/2012 - WEEE Directives for electrical and electronic waste**

This declaration is issued under the responsibility of Aqua S.p.A.

San Martino in Rio (RE) - 08 settembre 2020

Davide Vezzani
Certification Manager - Aqua S.p.A.

AQUA S.p.A.

Sede legale e d'indirizzo: via del Lavoro 21 - 42018 San Martino in Rio (RE) - Italia
Sede operativa: via del Lavoro 21 - 42018 San Martino in Rio (RE) - Italia
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INDEX

1 – WARNINGS.....	4
2 – SHIPPING MATERIAL	5
3 – TECHNICAL FEATURES.....	6
4 – INSTALLATION SCHEME	7
5 – USE	10
6 – MAINTENANCE	11
7 – SPARE PARTS	12
8 – WARRANTY	15

1 – WARNINGS

The packed unit must be stored in a dry (no condensation), protected from the weather. It must be borne in mind that, even if carefully packed and protected, the system must be considered and handled as fragile. Upon receipt you have to open the packaging to check the integrity of the unit. In case of damage, immediately notify the carrier.

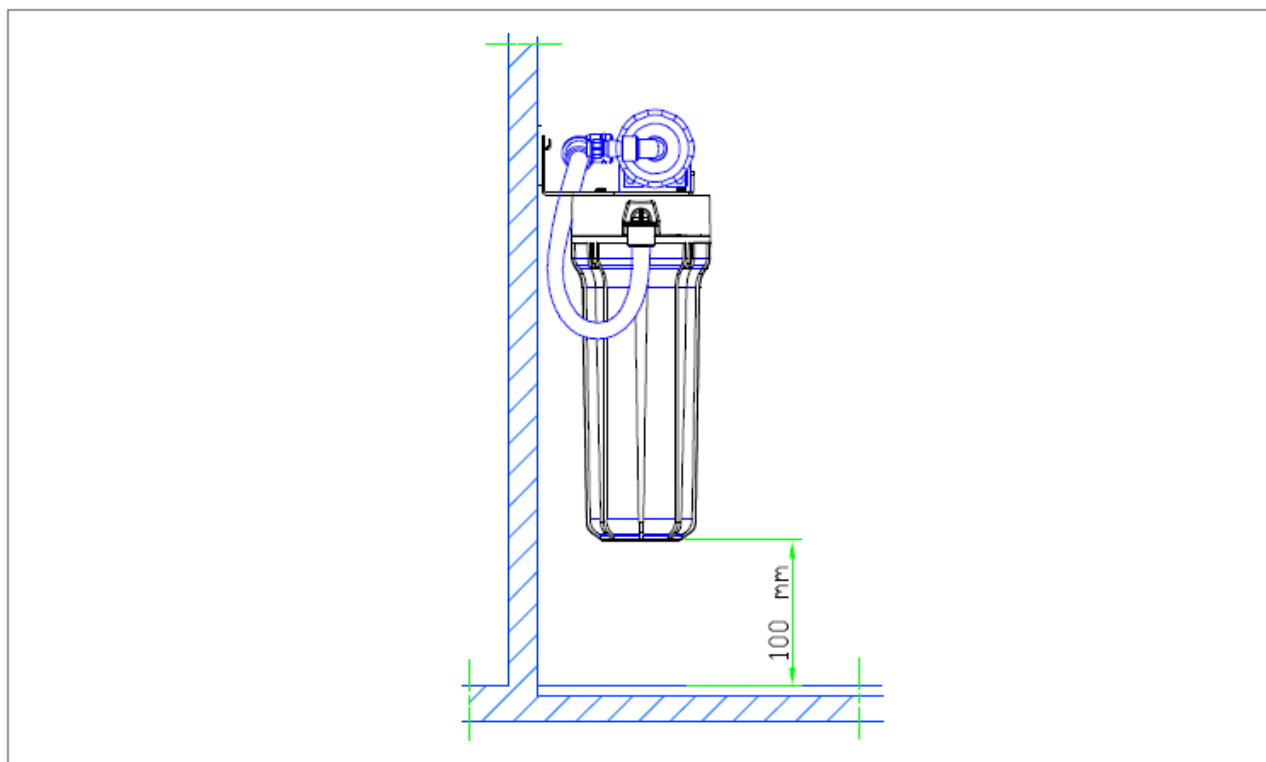
INSTALLATION AND ADVISE ON USE

- During installation keep enough space for maintenance and cleaning.
- AQUA filter housings should be used only for specific use as indicated by AQUA S.p.A. UltraAqua has been studied to be used with potable water.

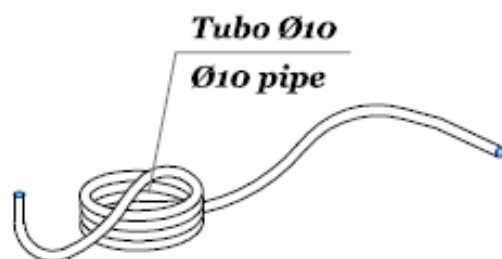
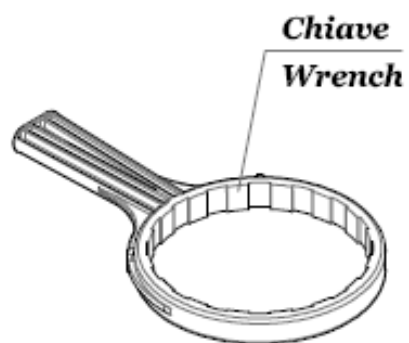
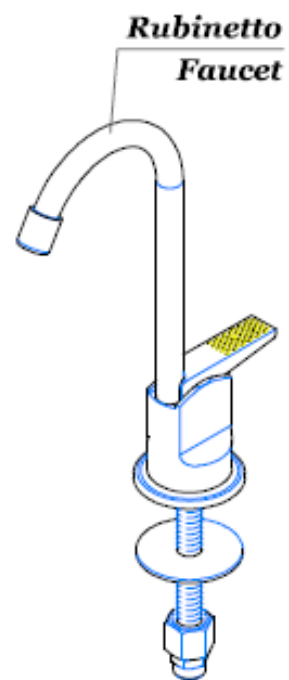
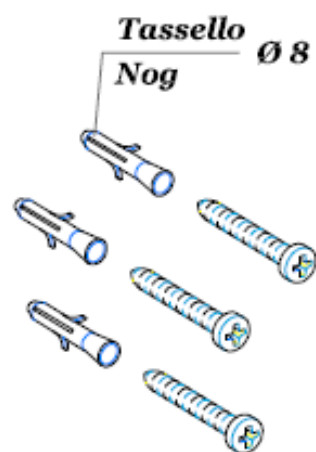
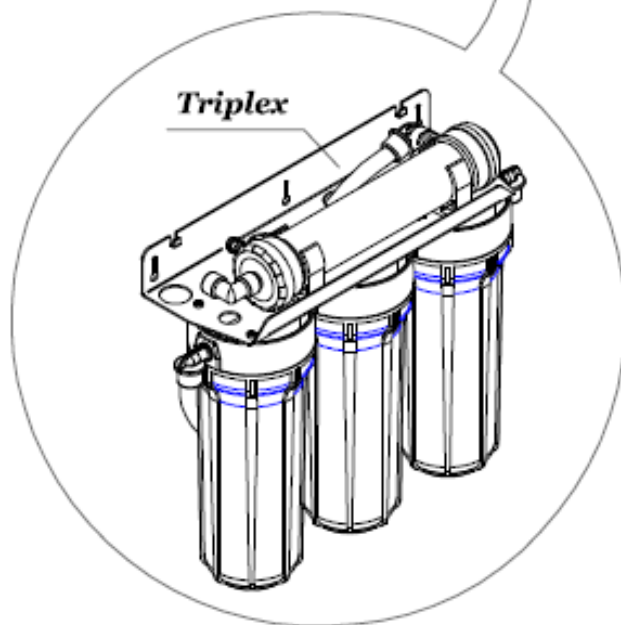
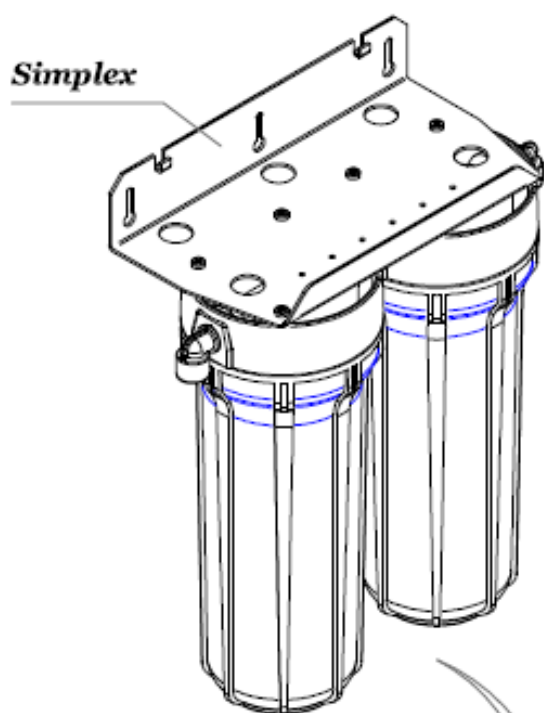
Max pressure for inlet connection is 16 bar, max working temperature is 35°C.

WARNING: DO NOT MODIFY SETTING OF PRESSURE REGULATOR. MAX WORKING PRESSURE OF CARTRIDGE IS 1.5 BAR

- During installation we recommend to use a ball valve to keep the possibility to isolate the filter during maintenance.
- For all sealing use only PTFE tape.
- WARNING: At each installation and/or maintenance it is necessary to proceed to discharge of air, as described at page 9 (use bleeding valve).



2 – SHIPPING MATERIAL

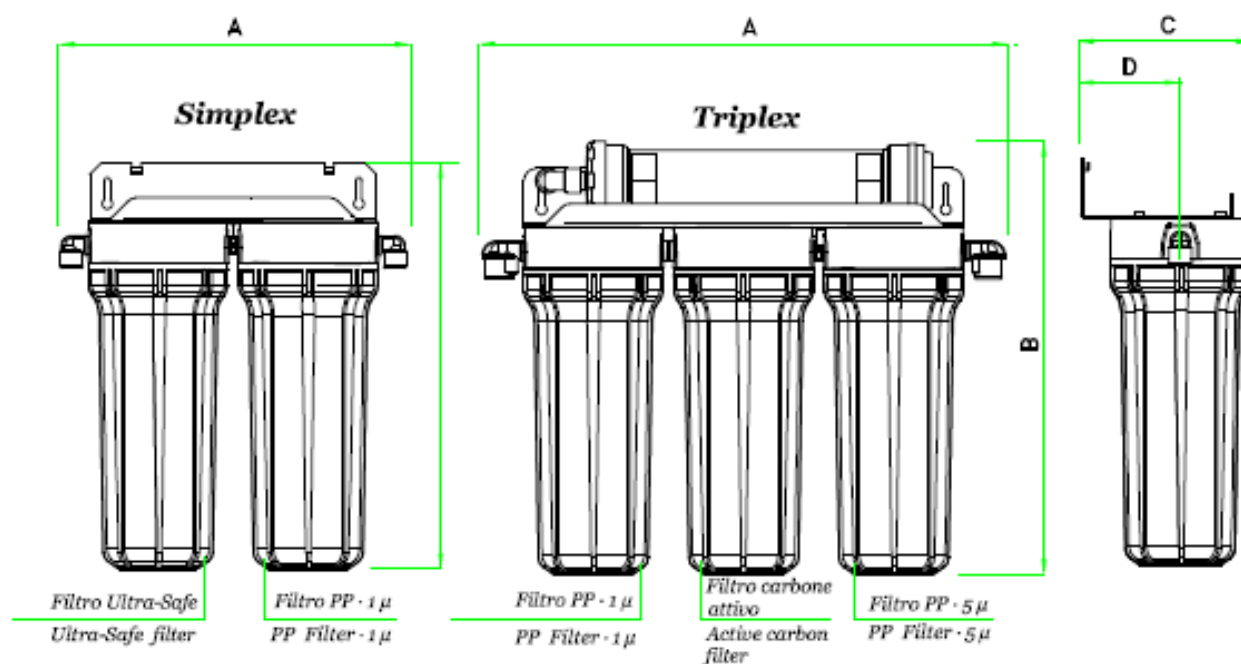


Pag.

3 – TECHNICAL SPECIFICATIONS

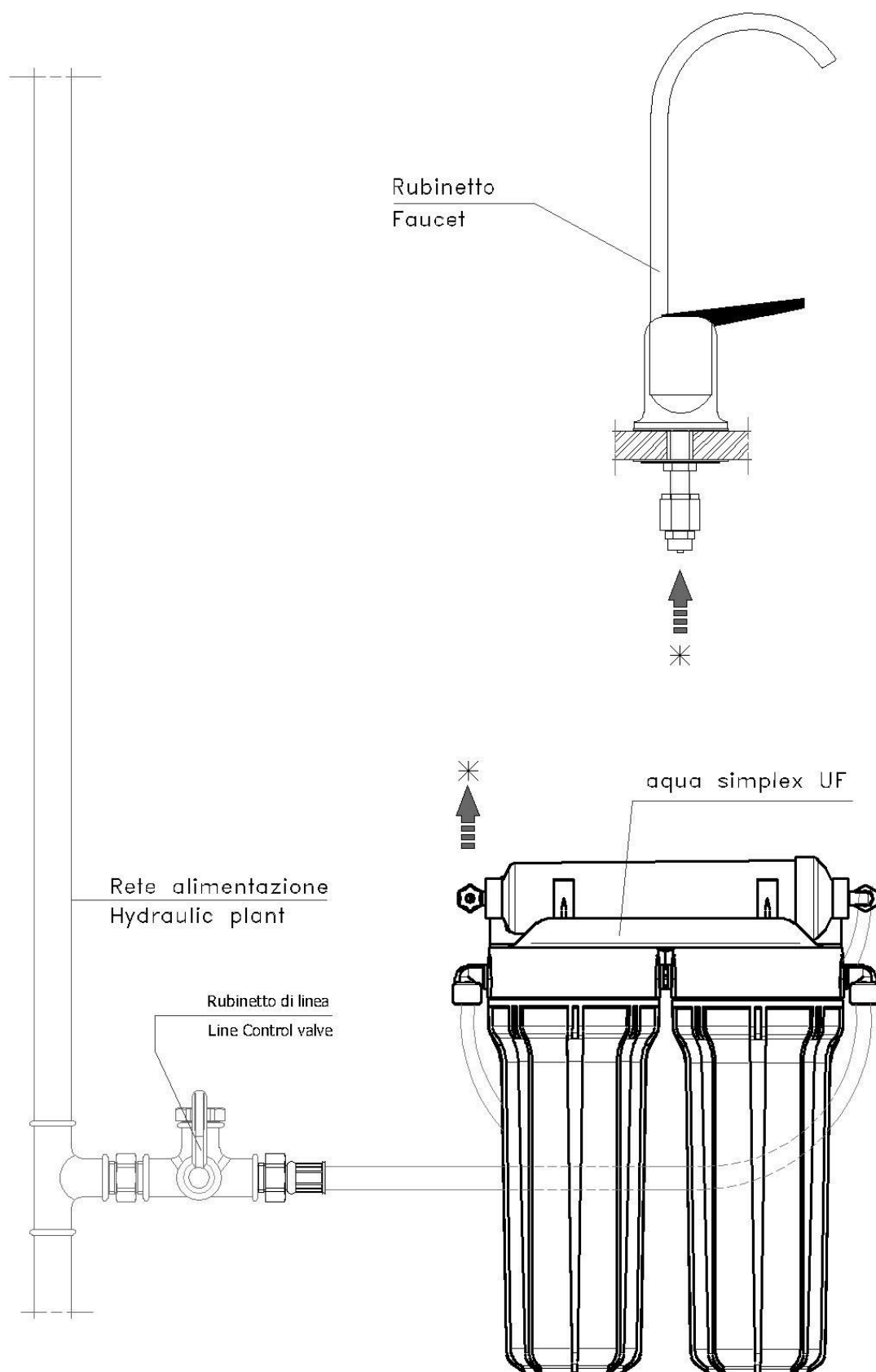
Description	Simplex	Triplex
<i>Hollow Fibre material</i>	<i>Polysulfone</i>	<i>Polysulfone</i>
<i>Membrane Filtering Surface</i>	<i>0.5 M2</i>	<i>0.84 1712</i>
<i>Micron rating</i>	<i>0.005-0.010</i>	<i>0.005-0.010</i>
<i>Max. working pressure</i>	<i>4.0 bar</i>	<i>4.0 bar</i>
<i>Max. working temperature</i>	<i>35 °C</i>	<i>35 °C</i>
<i>Flow rate</i>	<i>60l/h -1 bar</i>	<i>180l/h - 1bar</i>

Overall dimensions

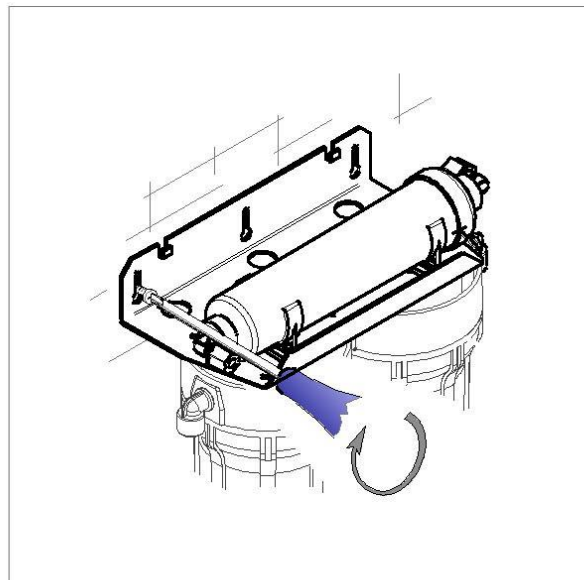
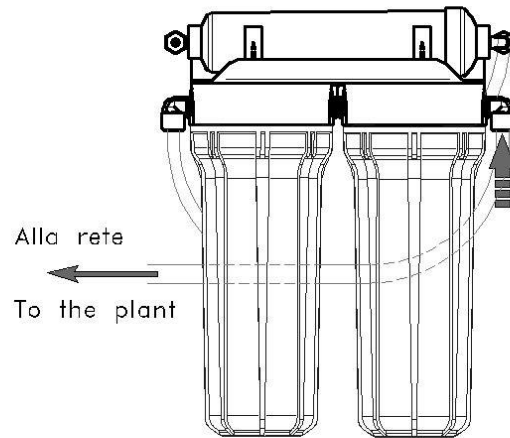
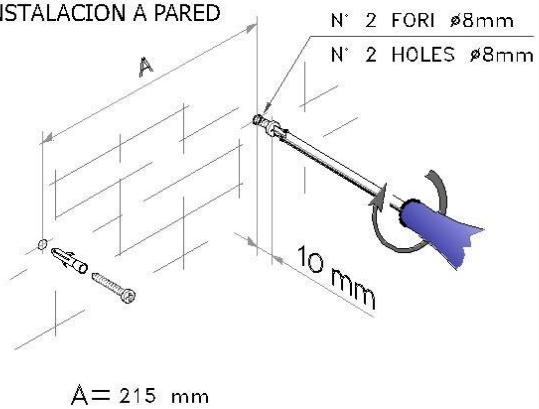


Modello	A	B	C	D
Simplex	295	377	150	85
Triplex	448	382		

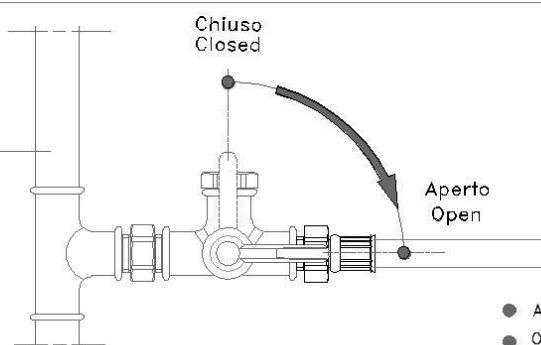
4 – INSTALLATION SCHEME



FISSAGGIO A PARETE
WALL MOUNTING
FIXATION SUR PAROI
INSTALACION A PARED



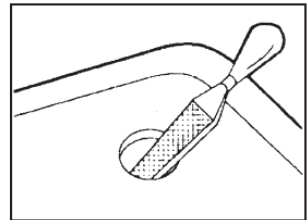
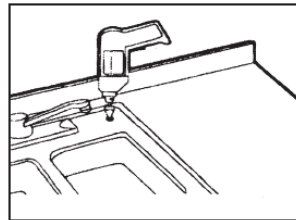
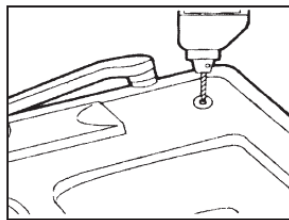
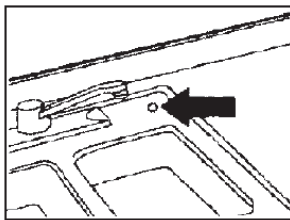
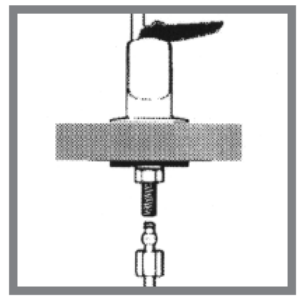
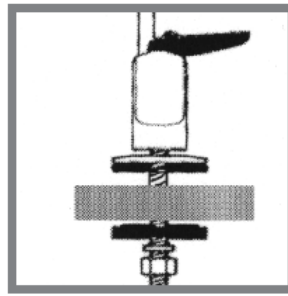
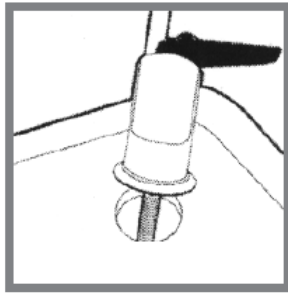
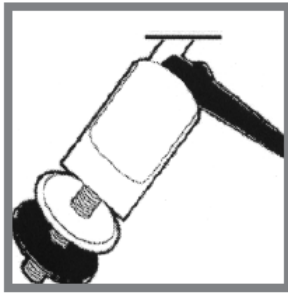
Rete alimentazione
Hydraulic plant



- Aprire il rubinetto di linea .
- Open line control valve .

Faucet connection:

Install the faucet by drilling an adequate hole in the kitchen sink and installing it with the supplied accessories.



After hoses and plug are connected, open the water flow and slowly put the system under pressure, checking for eventual leaks. **In case of leaks on fittings add PTFE tape (Teflon).** Open the faucet and let the water flow in order to remove the air.

5 – USE

Cleaning

- ✓ *At each cartridge substitution clean the housings with fresh water, Do Not Use any Detergen or Alcool. After one week of inactivity it is recommended to let water flush for a few minute before use*

Cartridges replacement

Type	Micron	Code for Order
FR-N	1	A4240250
FR-N	5	A4240270
CTO carbon block		A4220050
ULTRASAFE		A9030130
Membrana Triplex		A9030010

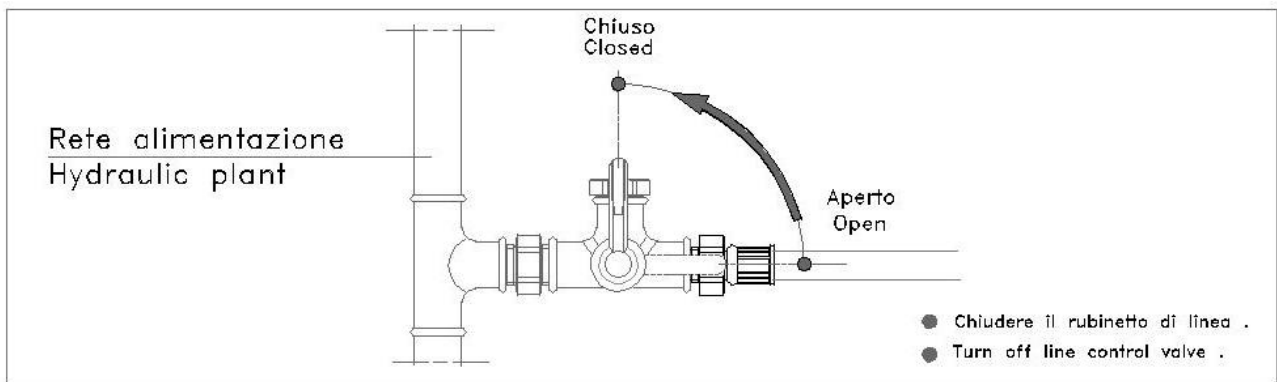
7– MAINTENANCE



The system is completely automatic and needs little maintenance. The only essential operations are the substitution of filtering elements and the systems sterilization.

Maintenance frequency

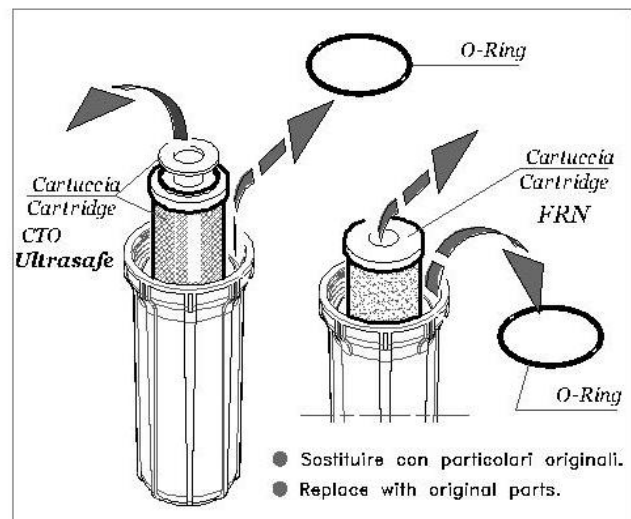
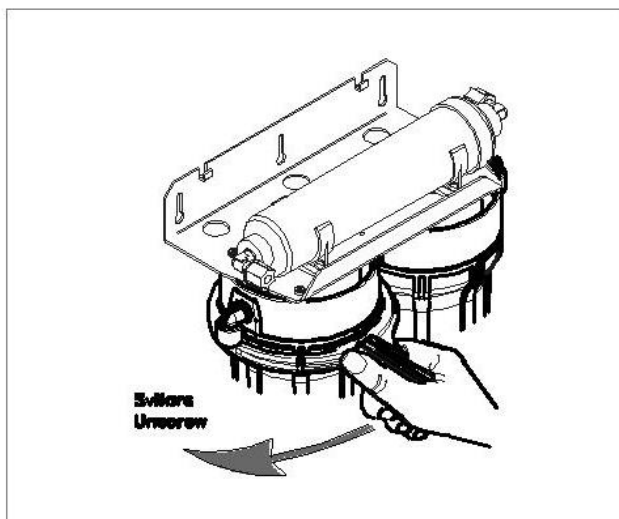
Type	Use	Average life
First stage	Sediment cartridge 1 µm	12 months
Second stage	CARBON BLOCK cartridge	12 months
Third stage	Cartridge ULTRAFILTRATION	12 months



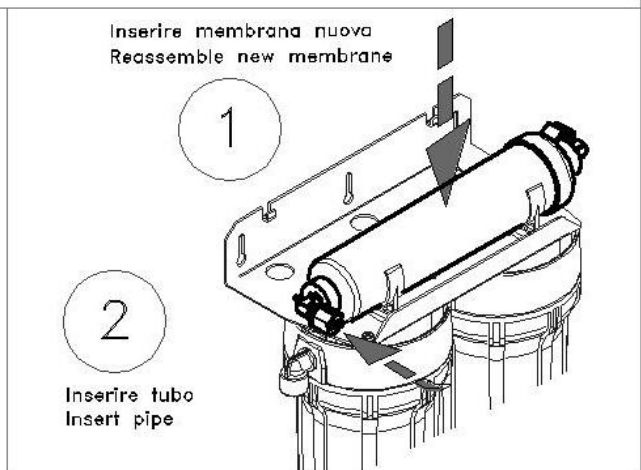
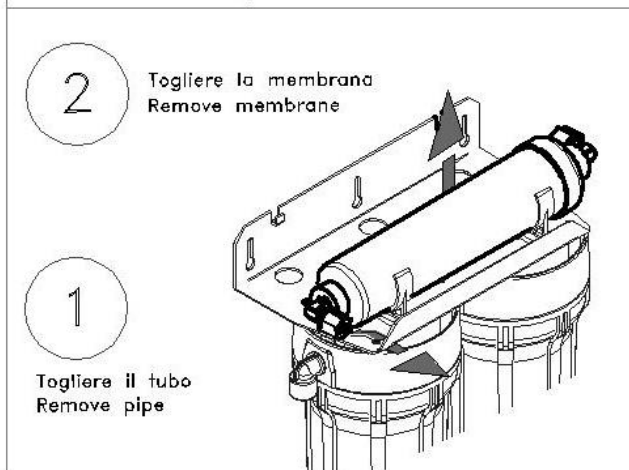
Attenzione ! : Prima di aprire i vasi, eliminare la pressione all'interno dell'apparecchio.

Caution ! : Remove pressure before each maintenance.

Sostituzione cartucce • Cartridges replacement • Substitution cartouches • Sustitución cartuchos



Membrana ultrafiltro •



Inactivity

For short periods (less than 2 weeks): There are no special instructions to follow but to let slide the first few liters of water taken.

For long periods (more than 2 weeks): turn off the water supply main. Subsequently open the tap main power, and throw off the Prili liters of water.



WARNING! the validity of the CE marking is subject to the integrity of the product and the relevant conditions of installation, use and maintenance instructions provided in the manual indicated. Unauthorized modifications by the manufacturer does decrease the CE marking.

7 – WARRANTY

The products manufactured by AQUA S.p.A. are warranted to be free from defects in workmanship and material for 24 months of operations starting from the delivery date to the first purchaser.

Within the above stated period AQUA S.p.A. will supply free of charge any part that upon

examination by AQUA S.p.A. or by an authorised dealer, is disclosed to have been defective in workmanship or material, or at its option, it will repair the parts directly or through authorised workshops it remains anyway excluded from whatever responsibility and obligation for others costs, damages and direct or indirect losses that come from the use or the not use availability, either total or partial.

The reparation or the supply in substitution will neither extended nor renew the period of guarantee. They remain anyway at charge of the purchaser the costs of plant products mounting and disassembling, transport cost and using materials.

AQUA S.p.A.'s duties, as above, are not valid when:

- ✓ The product is not used according to the AQUA S.p.A. instructions as in the operating manual and maintenance instructions.
- ✓ The products is repaired, disassembled or modified by workshop not authorised from AQUA S.p.A.
- ✓ They have used not original AQUA S.p.A. spare parts.

At the end of the twelfth month from the delivery date, AQUA S.p.A. will be free any liability and from all the duties as above.

The device **AQUA TRIPLEX UF** is warranted for a period from sale date, excluding materials of use (filters, membranes).

The warranty on the components found with manufacturing defects and is applied to the parts and the labor only if the equipment is returned, postage prepaid, to the Authorized Service Center.

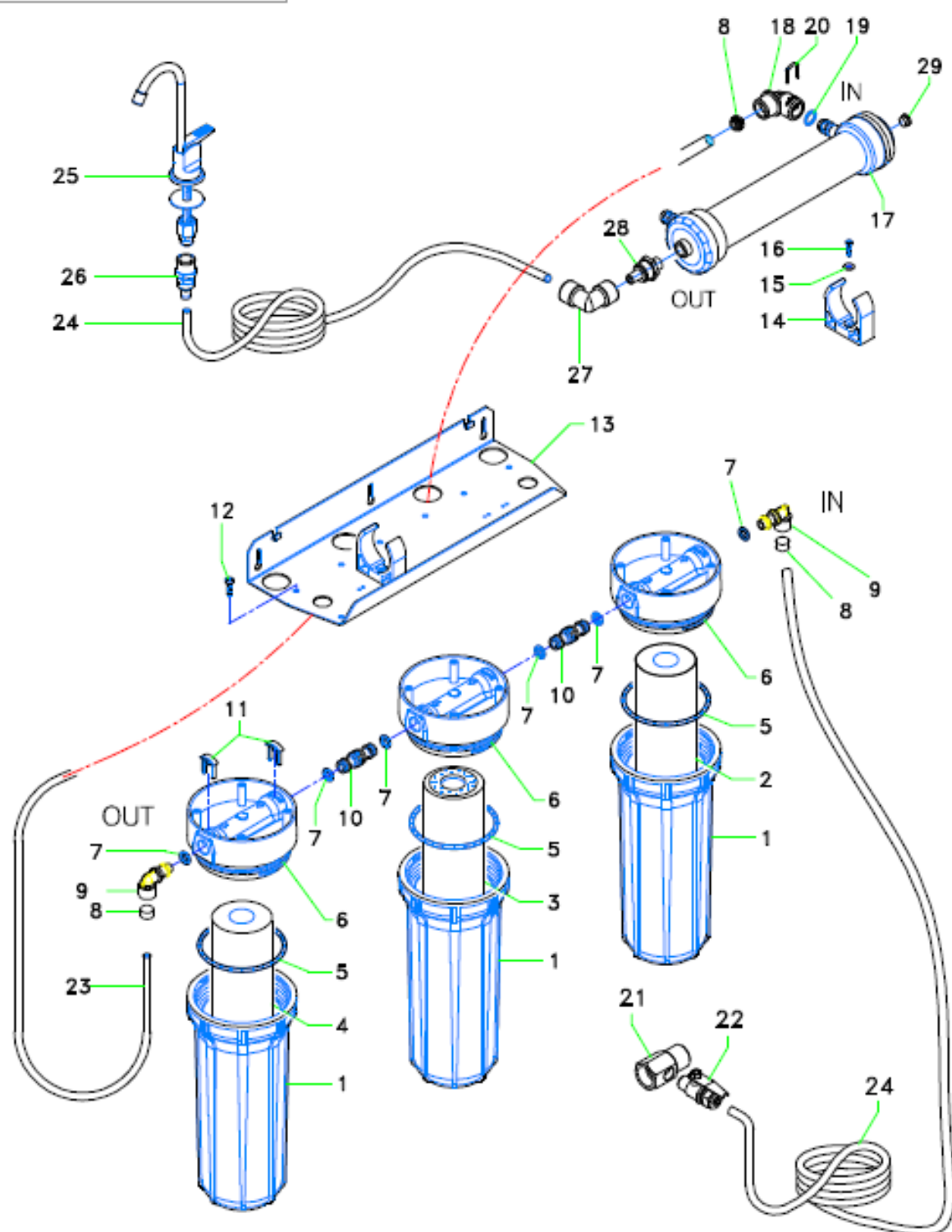
The Service Center is the only one authorized to perform work on the device and to determine if it conflicts assurance standards. The Service Center is not responsible for any damages resulting from the use of its equipment, whatever their nature.

SUMMARY TABLE PREVENTIVE MAINTENANCE

Model:			S/N :		
Installation date:					
DATE	1st STAGE	2nd STAGE	MEMBRANE	TDS (PPM)	FLOW-RATE

8 - SPARE PARTS

ULTRAQUA TRIPLEX
COD. A9030030





AQUA TRIPLEX UF

