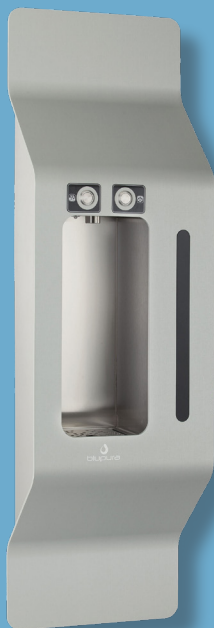




blupura



Use & Maintenance Manual

160327 1607 EN



WALL

I.T. - Touch Free



Before installing or using the product read the precautions and general recommendations inside.

Precautions and general recommendations

This appliance is intended to be used in domestic and similar applications, such as:

- the kitchen area for the staff of shops, offices and other working environments;
- farms and by customers in hotels, motels and other residential-type environments;
- bed and breakfasts;
- catering services and similar non-retail applications;
- public places in a supervised environment.



Appliance for internal use only. Place the appliance away from water jets.

Always connect the appliance to a water cooler connected to a water main that supplies drinking water only.

Before each installation, the appliance must be sanitized by an authorized technician.

After installation, ensure that the appliance is not resting on the power cable.

Check that the appliance is correctly leveled and installed on a support capable of holding its weight and in an environment suitable for its size and use.

Before any maintenance or cleaning operation is carried out, remove the plug from the socket or disconnect the power supply.

Ensure that the appliance is not sited close to sources of heat.

To guarantee adequate ventilation, leave at least 10 cm of space around the appliance.

Install the product in a clean, dry, well-ventilated environment. The product is designed to function in environments with a temperature range of between 16°C and 32°C.

Ensure that it is possible to disconnect the power supply either by removing the plug or via a two-pole circuit-breaker, with an opening distance of the contacts that allows complete disconnection in the conditions of overvoltage category III, placed upstream of the plug.

The appliance must only be used with the power supply unit provided with the appliance. Furthermore, it must only be powered at a very low safety voltage corresponding to the marking on the appliance.

Check that the voltage shown on the serial number plate corresponds to the voltage being supplied at the installation site.

The unit must not be cleaned with a water jet. Do not position other electrical equipment in the immediate vicinity of the appliance.

Turn off the main water inlet tap if the appliance is not to be used for a long period.

Keep the areas surrounding the appliance dry to avoid the risk of people slipping.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard. Do not use extension leads or adapters.

This appliance is intended to be used by persons (including children aged from 8 years) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, provided that they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. Cleaning and maintenance by the user must not be performed by children. The appliance is only to be installed in locations where it can be overseen by trained personnel.

The Appliance shall be protected by a ground-fault circuit interrupter.

This equipment is to be installed in compliance with the local plumbing codes. Water pipe connections and fixtures directly connected to a potable water supply shall be sized, installed, and maintained in accordance with federal, state, and local codes.

In connection with the performance of work activities and the task of installation and maintenance of equipment, personal protective equipment shall be used according to the directions and obligations according to the current local regulations on safety in the workplace.

By way of example and not limited to:

TASK/ACTIVITY/AREA:	INDIVIDUAL PROTECTIVE EQUIPMENT:	SAMPLE IMAGE
FOR ALL OPERATIONS	Safety shoes	
USE OF CUTTERS OR OTHER CUTTING TOOLS	Cut-resistant protective gloves Safety glasses	 
MANUAL HANDLING OF LOADS	Shockproof and cut- resistant protective gloves	
HANDLING CHEMICALS:	Nitrile gloves Activated carbon filtering face mask Safety glasses	  

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Before installing the water cooler

Congratulations for choosing a BLUPURA product.

We have designed and manufactured this product with great care to ensure that it will dispense water of the highest quality.

In order to get the most out of your water cooler, please read the instructions in this manual and retain the manual for future reference.

This publication is based on information available when approved for printing. Continuing design refinements could cause changes that may not be included in this publication.

The original text of this publication, written in Italian, is the only reference for settling any interpretative disputes regarding the translations of EU languages.

Blupura reserves the right to change or modify the stated features without prior notice.

Safety conditions

This manual contains paragraphs on security conditions, preceded by titles to draw ones' attention:



NOTE: These titles are used to highlight important information regarding installation, operation and maintenance.



ATTENTION: These titles are used to indicate a hazard that may, if ignored, result in damage to premises and equipment or people.



ATTENTION: These titles are used to indicate the presence of flammable materials.

Recommendations for safeguarding the environment

Packaging materials

The packaging materials are 100% recyclable.

Please follow the local guidelines on waste disposal. For safety reasons keep the packaging material out of the reach and sight of children.



Scrappage

The water cooler is made using recyclable material.



This unit is marked in compliance with European Directive 2012/19/UE on Waste Electrical and Electronic Equipment (WEEE). By ensuring that the product is scrapped correctly, you are helping to prevent potential negative consequences for the environment and for health. The symbol on the unit indicates that the product should not be treated as domestic waste but should be taken to a dedicated recycling centre for electrical and electronic equipment. Immediately

prior to scrapping, cut off the power cable.

For more information on the treatment, recovery and recycling of this product, please contact the appropriate local office, the waste disposal service or the reseller from which the product was purchased.



Certified

For the list of product and company certifications contact Blupura Srl.

Materials compliant for contact with drinking water

This unit is intended for the dispensing of drinking water, and so the materials that enter into direct contact with water meet the criteria for food-grade components pursuant to the current legislation. In addition, the unit is manufactured in compliance with Italian Ministerial Decrees 174 of 06/04/2004 and 25 of 07/02/2012.

Electrical safety

This water cooler is designed, manufactured and marketed in compliance with:

- the safety objectives of the Machinery Directive 2006/42/CE;
- the protection requirements of the Electromagnetic Compatibility Directive 2014/30/EU.

The electrical safety of the product is ensured only when it is properly connected to an efficient, legally compliant grounding circuit.

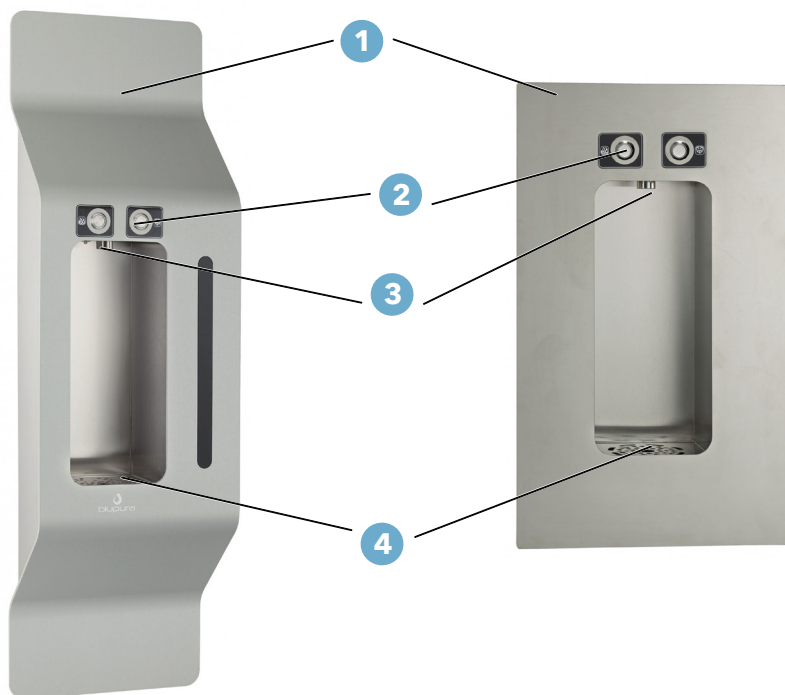
Description of the unit

WALL - the innovative wall-housed water cooler with a great design, for single or multiple connection.



- **A modern design using natural materials**, such as stainless steel and aluminium.
- Elegant and practical for office spaces, homes, residences, high-class condominiums and hotels.
- Perfect also for schools, hospitals and in any setting where, for security reason or noise, floor standing water-coolers cannot be installed.
- **1 or 2 mechanical buttons in stainless steel or Touch Free version with sensor (Touch Free mod. is not available in the recessed version).**
- **Can be fitted to any type of undercounter water-coolers.** Visit the website www.blupura.com to view our product range.

Front view



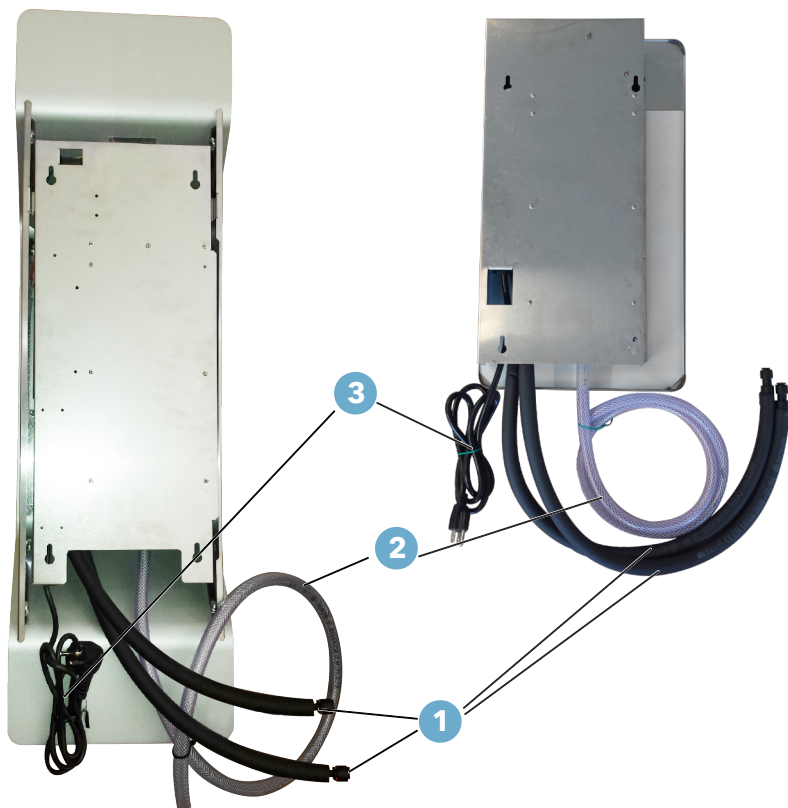
1 Front cover

2 Stainless steel push buttons

3 Dispensing nozzle

4 Drip tray with grid

Rear view



1 Cold water and sparkling water inlet pipes Ø8mm*

3 Power cable

2 Drip tray waste pipe Ø17mm

* For certified models WaterMark, the inlet fitting is 1/2" M bsp.
The appliance is equipped with a double check valve.
It is possible to install it directly to the water supply

Description of the keyboard



P.1 Sparkling water dispensing button

P.2 Cold water dispensing button

The water is dispensed while pressure is being applied to the button.

Description of the keyboard - Mod. Touch Free



P.1 Cold water dispensing button*

The water supply is activated by holding your hand in front of the desired water sensor, at a distance of between 2 and 6 cm.

In order to ensure the operation of the sensor and to avoid any interference, make sure that there is no object, or any obstacles, within a radius of 40 cm (60° to the left and right) from the front panel where it is located

* Only the 1-button version is available

Technical Features – Technical Data Plate

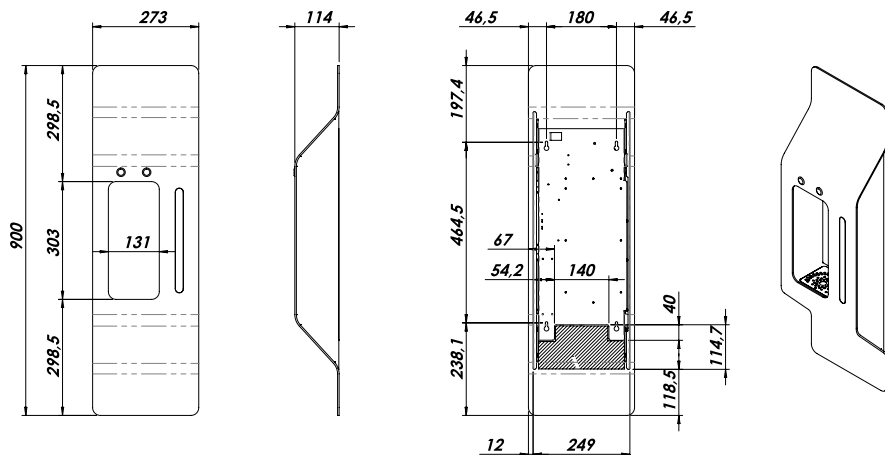


		Cadriano di granarolo dell'emilia (BO) Italy www.blupura.com	
900233 WALL 2P COLD/FIZZ 230V 50/60HZ			
220/240V ~ 50/60 Hz 15 W 0,08 A			
Max inlet water pressure 0,6 MPA (6 bar)		Class N	
S/N 1606007549		Made in Italy	
CE	USE ONLY POTABLE WATER	RoHS COMPLIANT	

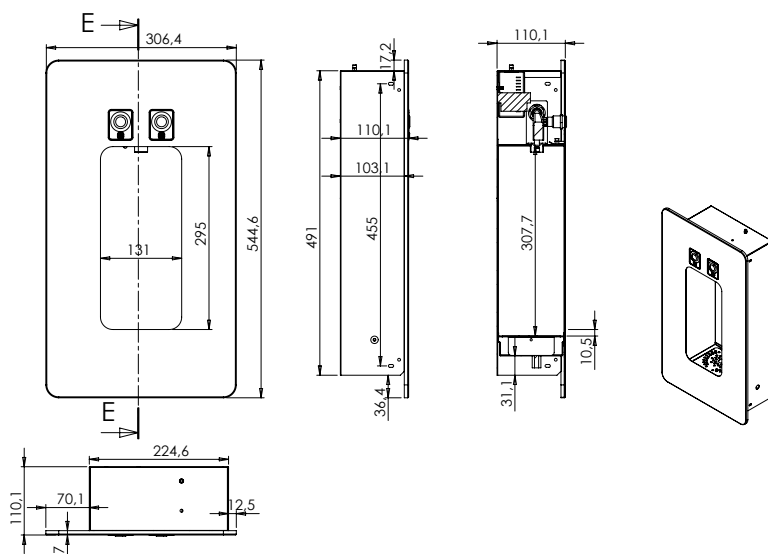
16 Year of manufacture
06 Month of manufacture
07549 Serial number

Technical Features - dimensions (mm)

[mod. WALL]



[mod. WALL built-in]



Technical data sheet	WALL	WALL built-in
Power supply	230 V - 50 Hz	
Power consumption	18,4W	
Inlet water pipes	Ø 8 x 1 mm	
Dimensions LxDxH (mm)	273 x 114 x 900	306 x 110 x 545
Packaging dimensions LxDxH (mm)	320 x 170 x 950	
Net weight (kg)	7	
Gross weight (kg)	8	

For the technical data sheet of other models, examine the technical data plate attached in the unit.

Installation

Unpacking

Remove the two plastic tape and the internal packing.

Carefully check that the unit has not been damaged during transport. Any signs of damage must be reported to the forwarder immediately.

Ensure that a qualified technician connects it to the electric supply following the manufacturer's instructions and according to the local safety regulations.

The end user is not permitted to access the internal service parts of the unit. Only technical personnel should carry out operations of this nature.

Siting the unit

Wear safety gloves when handling the unit. The unit must be handled by two people.

Site the unit away from sources of heat and on a flat and strong surface suitable to support its weight. Do not place on inclined surfaces.

SANITIZE the machine as described in the paragraph on page 22.

Unscrew the cross head screw placed on the top surface of the supply zone, near the nozzle (1).

Separate the aluminium cover and the sides from the rear frame, pushing up and pulling towards yourself (fig. 16.3).

Unplug the electrical connector (2, fig. 17.1).

Using some screws, fix the unit on the 4 Ø6 holes on the back.

Use the provided washers to separate the frame from the wall and appropriate screws and anchors according the type of wall.

Once the frame is fixed to the wall, connect the supply cable, the water pipe and insert the wastewater pipe in the predisposed conduit.



Fig. 16.1



Fig. 16.2



Fig. 16.3



Fig. 17.1

For the built-in version, prepare the housing in the wall (dim. LxDxH: 225x110x491) and fix the unit in place with nuts and washers using the appropriate holes on the front or the side (fig. 17.2).

Reconnect the contacts indicated above and relocate the frontal cover making it slide downwards on the rear frame. Tighten the safe screw on the supply zone.



ATTENTION: When positioning the appliance, make sure the power cord is not trapped or damaged.

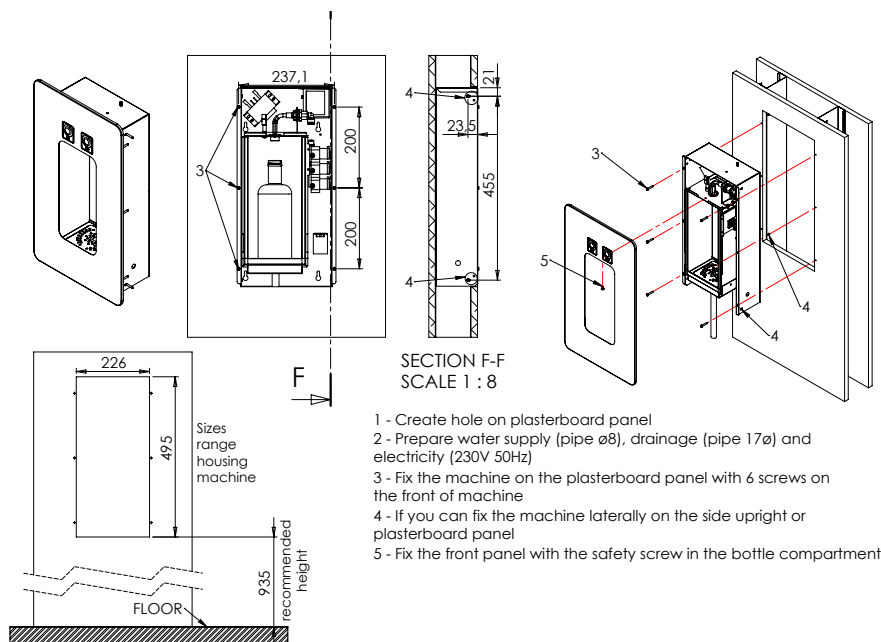


Fig. 17.2

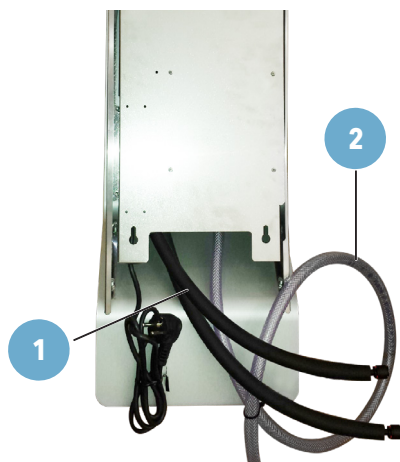


Fig. 18.1



Fig. 18.2

Connection to the water cooler

This unit must be connected to an under-sink cooler. Refer to the relevant manual for the purchased model. Do not connect this unit directly to the mains water supply.

Connect the incoming water pipes of the unit



CAUTION!

To connect the water cooler to the mains water supply, you will need to use a new set of connectors (joints, gaskets and pipes).

Do not use a set of connectors that has already been used elsewhere.

The water pressure entering the unit must be between a minimum of 2,0 bar (0,20 MPa) and a maximum of 3,5 bar (0,35 MPa). Max temperature inlet water 40°C.

For a proper installation of the system, the use of an anti-flooding system such as the Water Block (cod. 750133 8mm / cod. 750144 3/8") or a similar device is compulsory.

(1, ext. diameter 8 mm) to the water cooler. Connect the waste pipe (2) to a waste water manifold.

Make sure that the connecting pipes between the cooler and the Wall are adequately insulated to prevent condensation.

On the "Fizz" models with sparkling water, you can adjust the output stream with the screw on the compensator (3). Turn the screw clockwise to decrease the flow or counterclockwise to increase it.

Once the pipes are attached, turn on the tap. Ensure there are no leaks.

Before drinking the water from the system, perform a thorough rinse of the circuit by dispensing water from each product line.

ITEM	CODE	DESCRIPTION
P01	140013	PIPE 5/16" PE MDP BLACK LINE
P02	140357	PYTHON 4xø5/16"
P03	140015	PIPE ø12
J01	140022	EQUAL STRAIGHT CONN 5/16"
J02	140027	EQUAL ELBOW 5/16"
J03	140204	STEM TO HOSE CONNECTOR 5/16"
J04	140036	PLUG 5/16"
C01	140078	ICE BANK 80
	140004	ICE BANK 150
C02	130003	RECIRCULATION PUMP 220v
	130104	RECIRCULATION PUMP 110v

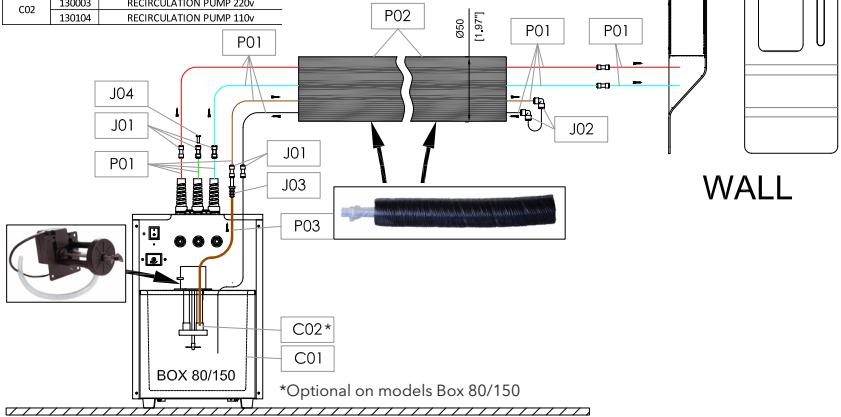


Fig. 19.1 - Example of typical installation

Electrical connection

The connections must comply with local regulations. The grounding of the unit is a legal requirement.

Connect the power cable (1) to a socket. The electronic tap is now activated and the keypad is turned on.

Position the electrical socket so that the appliance can be disconnected from the mains after installation.

Press the "Sparkling Water" button (P.1) in order to release any air in the circuit and to allow the pump on the under counter water cooler to start and fill the carbonator with water.

The appliance is to be supplied through a residential current device (RCD) having a rated residual operating current not exceeding 30 mA.



Fig. 20.1



Fig. 20.2

Sterilization (optional)

Sterilizing UV LED OUT

It is possible to have your appliance fitted with a UV-C Led Out 4W ($\lambda=254\text{ nm}$) sterilizing filter on the dispensing point to avoid backflow contamination.

The LED turns on cyclically every 5 minutes and stays on for 1 minute.

The UV-C light emitted by the special 4W led is lethal for all microorganisms (bacteria, viruses, mould, algae, etc.); for this reason, water treated with the UV-C sterilizer will be microbiologically pure.

TECHNICAL PROFILE

- Material AISI 304 and quartz tube
- Power rating 24vac
- Power consumption 4Wh
- Maximum capacity of the lamp 8000 h.



CAUTION: *This appliance contains a UV ray emitter. Do not stare into the light source. The light emitted by the lamp may cause serious burns to the eyes and skin. Do not operate UV-C emitter outside the appliance. Do not operate the UV-C emitter when it is removed from the appliance enclosure. The replacement can only be performed by qualified personnel.*

Replacement

For information on replacing the lamp, contact Blupura Customer Service.

Important safety instructions

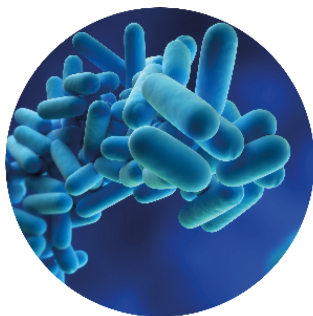
Unintended use of the appliance or damage to the housing may result in the escape of dangerous UV-C radiation. UV-C radiation may, even in little doses cause harm to the eyes and skin. Appliances that are obviously damaged must not be operated.

Disposal of used UV OUT lamps

The UV lamps are subject to WEEE Directive 2012/19/UE. This allows the disposal of the lamps at a local waste management site. This way of disposing is completely identical to the disposal of neon lamps or energy-savings lamps. These lamps are nevertheless registered under the same conditions as the disinfection lamps.



Sanitization - Notes



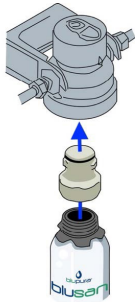
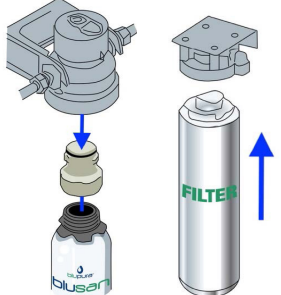
The unit should be sanitized at first installation, or when the hydraulic components are being replaced, or when the filter is being changed, or in any case at least once a year.

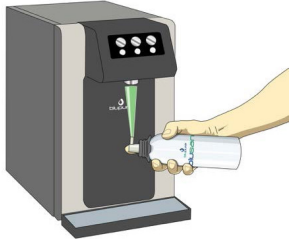
This operation must be carried out by the BLUPURA Reseller or by qualified technical personnel who have completed specific training courses on hygiene and sanitization.

Cleaning- and disinfection cartridge for water dispenser

- perfect hygiene, developed for water dispenser
- pH-neutral and gentle on materials
- simple and safe unit cleaning

1	DISMOUNT FILTER Loosen the lock of the filter head and remove the filter.	
2	DISINFECT HANDS Place the enclosed spray head on the can and disinfect your hands or wear disposable gloves.	

3	MOUNT CARTRIDGE Snap the adapter into the QL2B/QL3B Everpure filter head, then screw in the blupura®blusan cartridge.	
4	CLEANING AND DISINFECTION Dispense one after the other: • Room temperature water: approx. 2 sec. • Cold still water: approx. 10 sec. • Sparkling water: approx. 30 sec.  Always check with the chlorine test strip. Contact time: 30 min.	 
5	REMOUNT FILTER Loosen the blupura®blusan cartridge, remove the adapter, then insert a new filter.  Spray the filter head.	
6	RINSING Rinse one after the other: • Room temperature water: approx. 1 min. • Cold still water: approx. 3 min. • Sparkling water: approx. 6 min.	

7	DISPENSING AREA CLEANSING Spray the nozzles, back wall and drip tray with blupura®blusan.  Don't wipe again the nozzles. Dry the surfaces with a disposable cloth.	
8	RECOMMISSIONING Function control: Draw small amount of water from each tap and check the taste.  Document the cleaning.	

*** Photos for illustration purposes only.**

Routine maintenance operations

Customer Service & Technical Dept.

All the operations must be carried out exclusively by qualified technical personnel.



It is recommended to use suitable gloves to perform mechanical operations.



And hygienic gloves to perform interventions to the hydraulic diagram

Following maintenance operation must be done by qualified technical personnel

WHAT	WHEN	HOW
Sanitization of the system	1) At first installation 2) Any time a hydraulic component is replaced 3) Any time a filter cartridge is changed 4) At least once per year	Sanitization of the complete hydraulic circuit following the Blupura BLUSAN procedure
Replacement of consumables	Depending on the filtration capacity and once per year at least	After the sanitation, replace the cartridge following the instruction manual provided by the water filter supplier
Cleaning and control of internal parts	Every 6 months	Control and eventually remove accumulation of dust, sand or similar, with a disposable cloth or a vacuum.
Cleaning of Refrigeration condenser	Every 6 months	Remove dust from the refrigeration condenser with a plastic brush
Water analysis	Every year	Check the bacteriological parameters to verify that the water's quality complies with current regulations
Hot water system descaling	Depending on the hardness of inlet water and at least twice per year.	Provide the descaling of the hot water system.

Following maintenance operation must be done by trained personnel



It is recommended to use hygienic gloves to perform cleaning operations

WHAT	WHEN	HOW
Cleaning of the external shell	Every Day	Clean by hand with a disposable towel and a product suitable for the stainless steel (e.g., anti-limescale)
Exit nozzle sanitation	Every Day	Use the BLUSAN (or equivalent) spray bottle to spray the disinfectant solution directly into the spout. Let the solution react for 1 minute, then rinse with potable water.
Flushing	In case of non-use of the system for over 48 hours	The End User shall flush at least half a liter of cold and half a liter of ambient water before getting drinking water.
Flushing	In case of non-use of the system for whatever reason for a period of less than two weeks	The End User shall flush at least 5 liters of cold and 5 liters of ambient water before getting drinking water.
Flushing	In case of non-use of the system for whatever reason for a period of over two weeks	The End User shall contact Blupura in order to arrange a sanitization as soon as possible before getting drinking water.
Stop the system	In case of lack of potable water	The End User shall immediately switch off the hot water switch button (red push button). Before switching back on the hot water switch button (red push button), the End User shall verify - only using the cold or ambient water line - that the water is restored to the System by flushing it.

Service history

Installation			
Technician	Date	Notes	Signature
Maintenance			
Technician	Date	Notes	Signature

Warranty conditions

This unit is guaranteed by BLUPURA for a period of two years from the date of purchase.

The warranty entitles the owner to the free-of-charge repair of the unit by our company or the free-of-charge replacement of any parts that have been shown to have manufacturing defects.

The warranty does not include normal wear-and-tear to the components, or any damage caused to the components due to negligent or improper use, or due to a non-standard installation.

The warranty shall not be applicable if the unit has been tampered with or if repairs have been carried out by unauthorized persons.

For the conditions not specified here, please refer to the Blupura Srl WARRANTY CONDITIONS.

For any returns or repairs, please contact CUSTOMER SERVICE and request the RMA for returning the goods.



blupura

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