

columbia[®] soda *Upper*

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INSTRUCTIONS MANUAL

FOR ELECTRONIC AND MANUAL WATER DISPENSERS

0. MAIN SPECIFICATIONS



**COLD WATER
PRODUCTION**



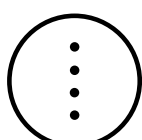
**ROOM WATER
PRODUCTION**



**SPARKLING WATER
PRODUCTION**



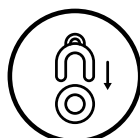
TOUCH BUTTONS



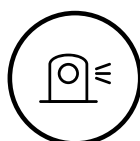
TEMPERATURE INDICATOR



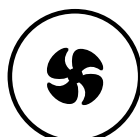
**PROGRAMMABLE
TEMPERATURE**



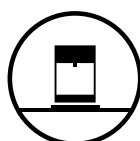
**QUICK CONNECTORS AND
MAXIMUM SAFETY**



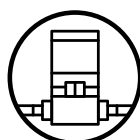
SAFETY VALVE



**FORCED VENTILATION
SYSTEM**



**TABLE-TOP
EQUIPMENT**



**PUMP FOR
CARBONATOR**



Please keep this manual, since it includes the maintenance service book and the warranty, which will allow us to offer a better after-sales service.

SAFETY INSTRUCTIONS

The following safety warnings and instructions are provided to avoid injury to the user and to prevent damage to the user's environment. However, it is important to take the necessary precautions and proceed with care during installation, maintenance, cleaning and handling of the appliance.

Children/Adults/Pets

Children and other persons who are not aware of the risks involved in using the appliance could be injured or have their lives endangered. Therefore, please note:

- The appliance is not intended for use by persons under 8 years of age or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance in a safe way and understand the potential hazards involved.
- Children should not play with this appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

Warning: Risk of suffocation!

Do not allow children to play with the packaging/plastic or parts of the packaging, as they could become entangled in it or cover their heads with it and suffocate.

Keep packaging, plastics and packaging parts out of the reach of children.

Assembly. Warning

Danger of electric shock/fire/damage to property/damage to the appliance!

If the appliance is not installed correctly, this can lead to dangerous circumstances. Make sure that the following conditions are met:

- The mains voltage at the mains socket must correspond to the rated voltage specified on the appliance (rating plate).
- The mains voltage at the socket must correspond to the rated voltage specified on the device (rating plate).
- The mains plug and the socket with protective contact must match and the earthing system must be correctly installed.
- The installation must have a suitable cross-section.

The mains plug must be accessible at all times. If this is not possible, in order to comply with the relevant safety regulations, a switch (two-pole switch) must be permanently integrated into the installation in accordance with the regulations for electrical installations.

If the mains cable of the appliance is modified or damaged, this could lead to electric shock, short circuit or fire due to overheating.

The mains cable must not be bent, crushed or modified and must not come into contact with heat sources.

The use of extension cords or power strips may cause a fire due to overheating or short-circuiting.

Connect the appliance directly to a properly installed earthed socket. Do not use extension cords, power strips or multiple plugs.

Warning: Danger of injury!

- The appliance is very heavy. Lifting may cause injury. Always lift the appliance with assistance.
- If hoses and mains cables are not routed correctly, there is a risk of disconnection and injury.

Route hoses and cables in such a way that there is no risk of disconnection.

Caution! Danger of damage damage to property/damage to the appliance

- If the water pressure is too high or too low, the appliance may not function properly. This could also result in damage to property or damage to the appliance.

Make sure that the water pressure in the water supply system is at least 100 kPa (1 bar) and does not exceed 500 kPa (5 bar).

- If the water pipes are modified or damaged, material damage or damage to the appliance may occur. The water pipes must not be bent, crushed, modified or cut.

- The use of hoses supplied by other manufacturers to connect the water supply may result in damage to property or damage to the appliance. Use only the hoses supplied with the appliance or original replacement hoses.

Cleaning/maintenance

Warning: Risk of death!

The appliance is electrically operated. There is a danger of electric shock if live components are touched:

- Switch off the device. Disconnect the appliance from the mains (pull out the mains plug).
- Never grasp the mains plug with wet hands.
- When disconnecting the mains plug from the socket, always grasp the plug itself and never the mains cable, as this could damage it.
- Do not make any technical modifications to the appliance or its components.

Any repairs or other work on the appliance must be carried out by our service department or an electrician. The same applies to the replacement of the mains cable (if necessary).

- Replacement mains cables can be ordered by contacting our service department.

1. UNPACKING

Before installation and initial operation it is important to check the contents of the box and the condition of the equipment in order to check it has not been damaged during transport.

! WARNING: Claims due to damage in transit should be submitted along with the distributor delivery sheet or invoice, including the name of the freight company within 24 hours after reception of the goods.

Unpack the equipment and its accessories from its packaging and dispose of any protective packaging material.

! WARNING: Dispose of and keep plastic bags out of the reach of children, as they may be dangerous.

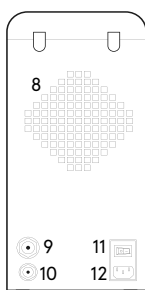
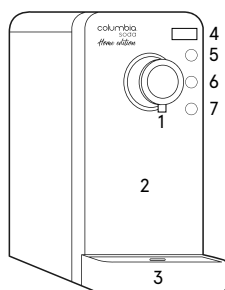
Inside you will find the equipment, the installation accessories and the documentation.

Recyclable materials have been used for the packaging and should be disposed of in the appropriate recycling bins or at the specific local waste product recycling centre.

This product cannot be disposed of with other domestic waste products. At the end of the product's useful life, the equipment should be returned to the place of purchase, or at a local recycling centre, indicating that said equipment contains electric and electronic components and cooling gas.

The correct collection and treatment of products, which no longer are to be used, contributes to the preservation of natural resources and avoids any potential public health risks.


2. IDENTIFICATION OF THE PARTS



1. Outlet nozzle
 2. Glass front
 3. Drip tray
 4. Status display
 5. Cold water selector*
 6. Sparkling water selector*
 7. Room temperature water selector*
 8. Ventilation outlet
 9. CO₂ connection (only CSH G and CSH NFG)
 10. Water inlet connection
 11. Run/stop switch
 12. Power cable connection
- 220-240V/50HZ

3. SAFETY WARNINGS

! **WARNING:** Carefully read the instructions manual supplied. Keep it and give it to the next owner or user of the product.

 **These equipment are supplied with refrigerant gas, ISOBUTANE (R-600a), which is a natural gas with no harmful effects on the environment, but is flammable.**

- The appliance must be transported and moved with the utmost care so that it is not knocked or shaken excessively. Failure to do so could result in the appliance being put out of service.
- Keep the ventilation openings of the appliance or the built-in structure free of obstructions.
- Do not damage the cooling circuit. Damage to the cooling circuit, with possible refrigerant gas leakage, could create a risk of explosion caused by sparks or external flames.
- Under no circumstances operate your appliance if it appears to be damaged.
- In the event of a fault, contact your Service Centre, ventilate the room where the appliance is located and avoid naked flames or work on the appliance.
- For recycling, contact your local waste disposal service or the retailer. The appliance must be transported without damaging the cooling circuit.
- This appliance is intended for use in domestic and similar applications such as staff kitchen areas in shops, offices and other work environments; rural and customer accommodation in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.

WARNING: This equipment is not a water purifier. It must not be used with microbiologically unsafe water.

! This equipment has not been designed to treat the concentrations of salts present in water or its hardness.

WARNING: This equipment requires regular maintenance to guarantee the drinking water levels of treated drinking water and to maintain the improvements, as indicated by the manufacturer.

! **WARNING:** Perform a regular sanitation of the equipment as indicated in section 9. Maintenance of this instructions manual.

If the dispenser is not used for several days, discard a few litres of water through the dispenser before consuming it.

If the dispenser has been disconnected from the power supply for several days or has not been used for more than a week, a sanitation procedure must be performed before consuming the dispensed water.

In the event that the water dispensed does not have the appropriate characteristics (smell, taste, colour, etc.), sanitize the equipment as indicated in Chapter 9. Main-

tenance of this manual. If the problem persists, contact the authorised technical service.

If the sanitation intervals are not respected or not performed in the cases mentioned above, intoxication can occur.

WARNING: If the equipment does not work properly, unplug it from the power supply and contact the technical service. To disconnect it from the water supply, close the inlet valve.

! **WARNING:** When carbonated water is supplied, the pH may drop. Regulate the mixture so the pH is within the limits indicated by the applicable local legislation.

! **WARNING:** Do not use the equipment if it is damaged (cracks or splits), if the power cord is damaged or if you suspect that there may be some kind of internal defect (e.g., if the equipment has been dropped).

! Refer to the rating plate located on the back of the product and check that the supply voltage and the absorption are appropriate to the capacity of the installation.

Connect the equipment to a grounded outlet. Place the equipment correctly as described in chapter 4. Installation.

Do not place the equipment at an angle or in places with a precarious balance. Do not place the equipment on a surface that could be damaged by water.

Do not place any object on the equipment.

For some models, the installation must be carried out by qualified technical personnel. The installation must be carried out correctly and must respect the local guidelines where it is carried out.

During normal use, a few drops of water may fall on the support surface, even with the drip tray in place.

The equipment has been designed to be used indoors (under cover).

Do not immerse the equipment in water.

Do not wipe it with cloths without wringing them out.

Unplug the equipment from the power supply before cleaning it or carrying out maintenance tasks that do not require the equipment to be connected. Use only original spare parts.

4. INSTALLATION

Place the equipment on a stable surface capable of supporting its weight (up to 15 kg during operation, in function of the model).

Place the equipment in such a way that there is enough space around it (min. 5 cm).

Place the equipment in such a way that there is enough ventilation space at the back (min. 10 cm). Do not install the equipment in a place so narrow that does not allow adequate ventilation (e.g., in a closet or a pantry).

Place the equipment near an electric outlet and the water supply.

! WARNING: Do not place the equipment under direct sunlight. Place the equipment away from possible sources of heat (heating, oven, microwave, coffee makers, stoves, etc.).

! WARNING: The installation must be carried out by qualified technical personnel. Otherwise, the equipment may not work properly and there is a risk of flooding the premises.

4.1. OPERATING CONDITIONS

Water inlet pressure (min. – max.): 2 – 3 bar.

If water pressure from the network may exceed 3 bar during the day, it will be necessary to install a pressure regulator before the equipment.

Water inlet temperature (min. – max.): 2°C – 30°C.

The flow rate supplied will be within 1 and 1.5 litres per minute, in function of the dispensing mode and the inlet pressure.

4.2. HYDRAULIC INSTALLATION

It is recommended to install a pretreatment for water before the dispensing equipment, which may consist of sediment filters, carbon filters and, if necessary, an ultrafiltration or reverse osmosis membrane.

Adapt the outlet tube of the pretreatment system to the diameter of the inlet tube of the equipment, which is 1/4". Remove the safety clip and then remove the plug from the inlet connection, in order to insert the 1/4" tube. Make sure that all the materials used are suitable for food use.

4.4 INITIAL OPERATION

Open the inlet valve. Connect the power cord of the equipment to the electric outlet. Set the switch to the ON (I) position. The pump turns on and starts to fill the equipment (carbonation system).

The pump stops when the carbonation system is full.

Insert the CO₂ feed tube to the rear connection of the dispenser. On this purpose, remove the safety clip and then remove the plug from the inlet connection, in or-

der to connect the 5/16" tube (8mm).

Connect the CO₂ cylinder (see section 4.5 How to install a CO₂ cylinder) and open the CO₂ pressure regulator. Adjust the CO₂ pressure between 3.5 and 4.5 bar.

To adjust the amount of CO₂, turn the regulator knob.

To increase the amount of CO₂, turn the knob clockwise, and to decrease it, turn it counterclockwise.

Dispense 1/2 litre of carbonated water and wait for the pump to stop. Repeat this process 4 times until you have extracted 2 litres of carbonated water. Then, extract at least 1 litre of cold water and 1 litre of water at room temperature.

! WARNING: The quantity of CO₂ in the water does not change immediately; water must be dispensed a few times before it contains CO₂.

4.5. HOW TO INSTALL A CO₂ CYLINDER

Your equipment offers sparkling water (CO₂), you can use a disposable cylinder or a rechargeable cylinder. To connect the disposable cylinder, close the regulator knob by turning it counterclockwise, the regulator of the cylinder must only be screwed manually. Open the regulating knob by it turning clockwise.

! WARNING: The CO₂ cylinder must be replaced when the production of carbonated water is significantly reduced or when a decrease in the gas of water is perceived.

! WARNING: The reduction in the flow of carbonated water may be due to the depletion of the CO₂ cylinder.

5. CONTROL PANEL

The status indicator will show you the temperature of the equipment tank in °C, or if necessary an error code between E1 and E6. See section 10. Troubleshooting).

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5.1 Temperature setting

Touch the cold water selector (1) for 6 seconds. The status indicator will show the programmed temperature in °C. Touch the sparkling water selector (2) to increase the temperature and the room water selector (3) to decrease the temperature.

! Do not set the temperature to values lower than 2°C. Programming at values lower than 2°C may generate ice inside the tank and cause malfunctioning of the equipment.

6. HOW TO DISPENSE WATER

Place your recipient under the outlet nozzle.

Touch the cold water selector once to dispense cold water. Touch it again to stop.

Touch the sparkling water selector once to dispense sparkling water. Touch it again to stop.

Touch the water at room temperature selector once to dispense water at room temperature. Touch it again to stop.

The dispenser stops the water flow after 60 seconds if not stopped manually.

It is recommended not to draw more than 1.5 litres at a time.

7. TECHNICAL CHARACTERISTICS

Control type: temperature probe.

Water inlet connection: 1/4"

CO2 inlet connection: 5/16" (8mm)

Dimensions:

(A x B x C x D en mm): 420 x 420 x 180 x 300

Cooling power: 130W A

Cooling capacity

Cold water: 8 l/h

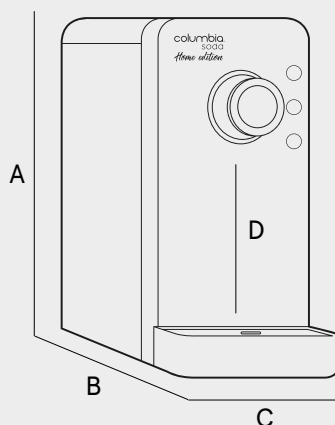
Sparkling water: 10 l/h

Sparkling water: 10 l/h

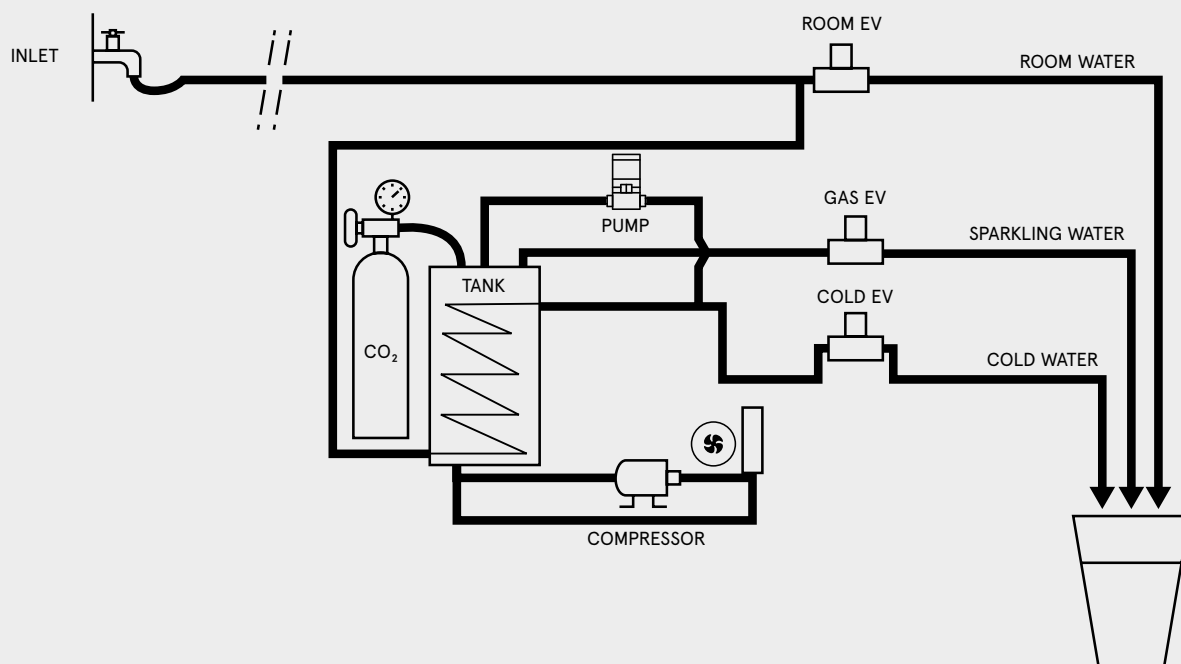
Cooling gas: R600a

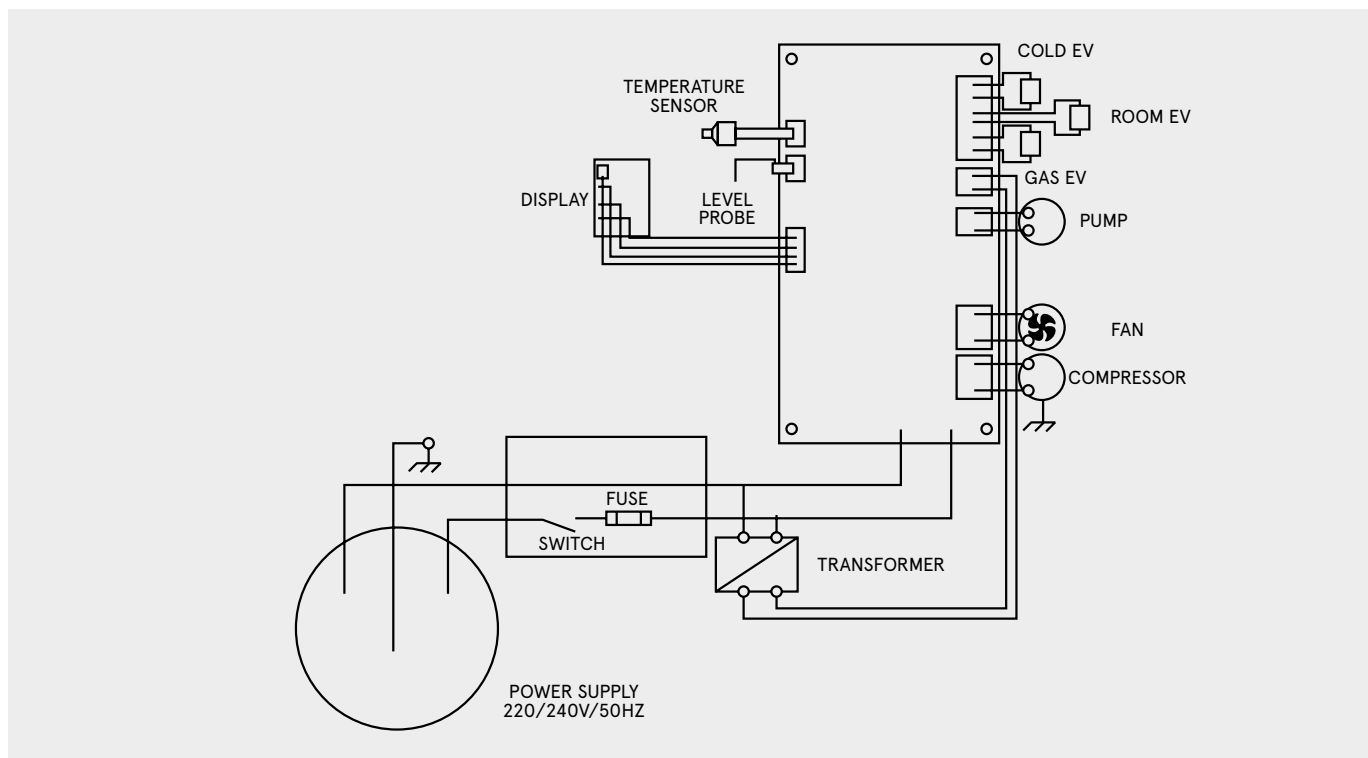
Weight of the equipment: 23 kg

Power supply: 220-240V/50Hz



HYDRAULIC DIAGRAM





8. SANITIZING

Necessary materials:

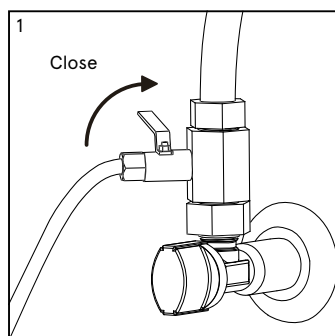
- Manual valve.
- Measuring cup with connectors.
- Sanitizing cleaner of water treatment equipment.
- Disposable vinyl gloves.
- Strips to detect hydrogen peroxide.
- Sanitizing spray.
- Paper napkin.

Sanitize the equipment when necessary during initial operation, (whenever there is a risk of contaminating the appliance due to the manipulation of components in contact with water) or within the indicated frequency.

To do so, follow the instructions below:

! WARNING: Water used during the sanitizing process must be drinking water from the public network and comply with the corresponding drinking quality requirements from RD 140/2003, EU Directive 98/83 or the local regulations in force.

- Keep the inlet valve closed (1) and relieve the pressure of the tank by dispensing some water.



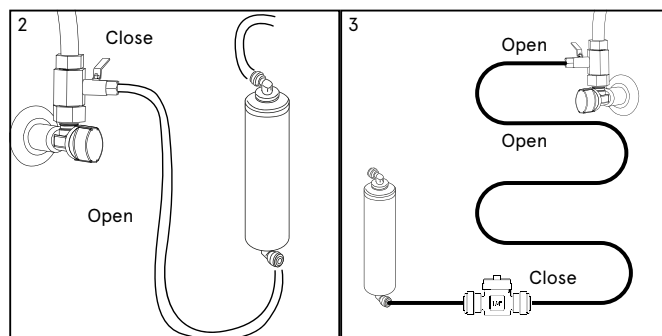
- Use disposable vinyl gloves to handle sanitizing products.

- Place the dosage housing in between the equipment's inlet tube. On this purpose:

- Disconnect the inlet tube of the system marked as "Water Inlet" and place the dosage housing between the water inlet and the inlet of the appliance (2).

For an easier and more comfortable access during the sanitizing process and the opening and closing of the inlet valve, if the water inlet valve is inaccessible or too far from the equipment, a manual valve in the closed position can be placed along with the sanitizing dosage housing. This valve will work as the manual inlet valve of the system.

- Once the set has been installed, keep the new inlet valve closed and open the inlet valve (3). The dosage housing must be initially empty.

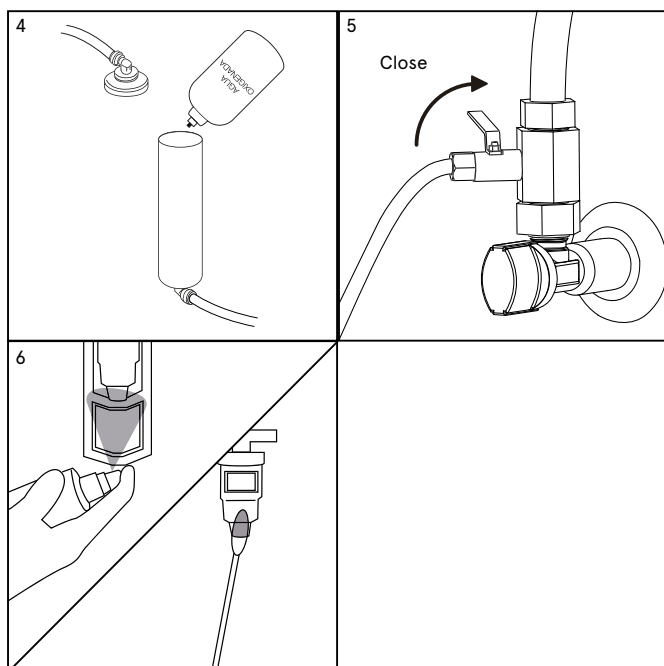


- Pour 50 ml of sanitizing product in the dosage housing placed at the appliance's inlet (4). Screw the housing properly in its head.

- The inlet manual valve must be closed. Plug the system to the power supply.

- Open the inlet valve of the equipment allowing the sanitizing product to be pushed into it. Keep the inlet valve in that position and fill a glass of water of each type (in function of the model), in order to fill the entire hydraulic circuit with the sanitizing solution.

- Close the inlet valve (5) and let the sanitizing solution settle inside the equipment for 20 minutes. Meanwhile sanitize the dispensing nozzles using sanitizing spray and cotton swabs (6).



- Relieve the pressure of the circuit by opening the pull handle tap. Empty the dosage housing. Before opening this housing, make sure you have a receptacle in place where you can empty it since it might be full of water.

Remove the complementary elements used for sanitation and reconnect the feed tube to the inlet (In) of the equipment.

- Open the inlet valve and extract 2 litres of water for each dispenser in order to rinse the sanitizing solution off the circuit.

- Use the sanitizing product detection strips to check that the equipment is properly rinsed; empty as many times as necessary in case of detecting sanitizing product residues.

9. MAINTENANCE

The following table shows how often maintenance operations must be performed.

TYPE OF OPERATION	FREQUENCY
Cleaning of the outlet nozzle	Weekly
Ordinary sanitation	Half-yearly

9.1. HOW TO EMPTY THE CARBONATOR

CSH-NFG

- Close the inlet valve of the installation. Close the CO2 regulating knob. Press the button to dispense filtered water at room temperature and cold water until no more water comes out of the equipment. Repeat the procedure with the carbonated water button; the equipment will dispense approximately 1 l of water.

- During the process, ignore the operation of the pump. Press the carbonated water button again to extract the remaining gas. The emptying procedure will be complete.

10. TROUBLESHOOTING

PROBLEM	COMMENT	SOLUTION
1. When trying to dispense sparkling water, only gas comes out.	It can occur when more than 1 litre of sparkling water is dispensed rapidly.	1) Wait 2 minutes for the pump to stop. 2) If the pump does not stop and the problem persists, close the CO2 inlet, relieve the pressure through the dispenser, and wait a few minutes.
2. The equipment does not work properly.	-	Unplug the equipment and restart it after 5 minutes.
3. The display shows an error.	E1 - Temperature probe is open. E2 - Temperature probe is shorted. E3 - Temperature below -3°C. E4 - Pump protection. E5 - Compressor protection.	Call the Technical Service. Call the technical service to replace the probe. Unplug the equipment and restart it after 10 minutes. Check the water inlet of the equipment. Unplug the equipment and restart it after 10 minutes. If the problem persists, call the Technical Service.
4. The equipment makes noise.	If the equipment makes a prominent noise, it is necessary to close the gas and water inlets.	Call the Technical Service.
5. The drip tray is filled with water.	This is normal. Condensation is generated inside the equipment due to the cold system, which is then taken to the drip tray.	Empty the tray regularly.

DISTRIBUTED BY:

IONFILTER

Aiguafreda, 8

Pol. Ind. L'Ametlla Park

08480, L'Ametlla del Vallès

Barcelona - Spain

T. 902 305 310 F. +34 936 934 329

11. WARRANTY

EN

The distributor guarantees its systems for two years against any manufacturing defect, in accordance with that laid down in Law RD 1/2007, 16 November (consolidated text on the General Law for the Defence of Consumers and Users).

This guarantee encompasses reparation and replacement of defective parts by personnel authorised by the distributor or by the Official Technical Assistance Service (SAT), either at the location of installation or at their respective workshops. Labour and shipping costs incurred by said repairs are included in the guarantee.

The distributor shall not offer guarantee for parts suffering usual wear and tear, lack or maintenance, hits and other faults due to the improper use of the system outside the specifications and operating limitations indicated by the manufacturer. Furthermore, the warranty will be rendered invalid in the event of poor use or in the event of said equipment being modified or repaired by personnel not authorised by the distributor or by the official SAT.

All the replaced parts under guarantee shall remain the property of the distributor.

The distributor shall be held responsible for the lack of conformity when this refers to the origin, identity or compliance of the products, according to its nature and purpose. Taking into account the technical specifications of the systems, it is essential, for the guarantee to be valid, that the technical conditions of the installation and operation are fulfilled. Should this conditions not be fulfilled, the warranty would remain invalid, taking into account the importance of the system's use as well as the conditions and operating limitations in which it must operate.

The distributor must guarantee that the installed system is appropriate for the improvement of the quality of water that is going to be treated, according to the technical specifications of the system and the regulations in force.

The distributor must guarantee the proper installation and start-up of the system, according to the instructions provided by the manufacturer and the regulations in force. Furthermore, it shall be held responsible for the lack of conformity due to an inaccurate application, installation or start-up of the system.

For any claims under guarantee you are required to provide the receipt of purchase. The two-year period is calculated from the date the equipment is purchased from the distributor.

If during the warranty period the equipment encounters any issues please contact your local distributor.

The equipment has been installed and is working in a satisfactory manner for the client and for the record:

* Pre-treatment of the system:

* Input hardness of the system (°F):

* Equipment entry TDS (ppm):

* TDS of water produced (ppm):

* Input pressure of the system (bar):

*** Installation and initial operation service result sheet:**

Correct:

Other:

The equipment's owners have been suitably and clearly informed of the use and maintenance required to ensure its correct working and of the quality of water to be produced. To these effects a maintenance contract is offered.

***Ref. Maintenance contract:**

The maintenance contract IS ACCEPTED ☐

The maintenance contract is NOT ACCEPTED ☐

In the event of needing further information, to report a breakdown or fault, please request either maintenance or technical assistance. Please read the sections relating to troubleshooting in this manual and contact the distributor or retailer.

COMPANY AND/OR INSTALLER, DATE AND SIGNATURE:

SERIAL NUMBER:



AUTHORISED COMPANY AND/OR TECHNICIAN: The information marked with (*) must be filled in and copied by the technician from the **INSTALLATION REGISTRATION SHEET**.



12. INSTALLATION REGISTRATION SHEET

EN



NOTES FOR TECHNICIAN/INSTALLER: Please read this manual carefully. In the event of any queries please contact your distributor's Technical Assistance Service (S.A.T.). The information marked with (*) must be filled in and copied by the technician from the WARRANTY SHEET. The technician must keep this sheet and provide it to the distributor if required to do so, in order to improve the after-sales service and the customer service. The technician who carries out the installation and initial operation should be suitably qualified.

INFORMATION REGARDING THE EQUIPMENT'S APPLICATION:

Source of water to be treated

☐ PUBLIC WATER SUPPLY NETWORK

☐ OTHER

* Pre-treatment of the system:

* Input hardness of the system (°F):

* Equipment entry TDS (ppm):

* TDS of water produced (ppm):

* Input pressure of the system (bar):

CONTROL DE LOS PASOS DE LA INSTALACIÓN:

Assembly of pre-filter:
Installation of overflow drain:
Start-up according to the protocol:
Checking of connectors:
Inlet hardness measuring:
Outlet hardness measuring:

Installation of isolation by-pass:
Proper installation of drain:
Verification of brine suction / tank filling:
Pressurized system water tightness check:
Programming of the system:
Adjustment of residual hardness:

COMMENTS

* Installation and initial operation results:

☐ CORRECT (equipment installed and working properly. Produced water is suitable for this application).

☐ OTHER:

TECHNICIAN IDENTIFICATION:

COMPANY AND/OR INSTALLER, DATE AND SIGNATURE:

CONFORMITY OF EQUIPMENT OWNER:

I have been clearly informed regarding the correct use and maintenance required for the installed equipment, and have been offered a maintenance contract as well as being informed of how to contact the Customer Service Department in the event of wishing to make any information requests, to report an equipment breakdown or malfunction, or to request any technical services.

Comments:

*Ref. Maintenance contract:

The maintenance contract IS ACCEPTED

The maintenance contract is NOT ACCEPTED

Model/Ref.:

Owner:

Street:

Telephone:

Town/City:

State/County:

Postcode:

SERIAL NUMBER:

GUARANTEE OF THE SYSTEM FOR THE DISTRIBUTOR:

The distributor shall only be held responsible for the replacement of parts showing a lack of conformity. The repair of the system and the costs that may arise (labour, transport costs, travelling expenses, etc.) will be assumed by the distributor according to that agreed in the general conditions of sales and contracting, hence the distributor will not have the right to claim these costs to the manufacturer.

13. MAINTENANCE SERVICE

EN

DATE	SERVICE TYPE	NAME, SIGNATURE AND STAMP OF AUTHORISED TECHNICIAN	
<input type="text"/>	<input type="radio"/> INITIAL OPERATION		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		

13. MAINTENANCE SERVICE

DATE	SERVICE TYPE	NAME, SIGNATURE AND STAMP OF AUTHORISED TECHNICIAN	
<input type="text"/>	<input type="radio"/> INITIAL OPERATION		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		
<input type="text"/>	<input type="radio"/> MAINTENANCE COMPLETE	TECHNICIAN <input type="text"/>	<input type="radio"/> ORDINARY <input type="radio"/> EXTRAORDINARY <input type="radio"/> WARRANTY
<input type="text"/>	<input type="radio"/> PREPARATION	STAMP <input type="text"/>	
<input type="text"/>	<input type="radio"/> SANITIZING		
<input type="text"/>	<input type="radio"/> OTHERS		

