

# INSTALLATION AND USE INSTRUCTIONS

## SYSTEM DATA

MODEL	
SERIAL NUMBER	
INSTALLATION LOCATION	
INSTALLATION DATE	
INSTALLER DATA	
SELLER DATA	

## OWNER DATA

NAME	
PHONE	
E-MAIL	

## DECLARATION OF CONFORMITY

<p>This appliance is made with materials suitable for contact with drinking water.</p>	<p>This product has been designed, manufactured, and marketed in compliance with the following CE standards:</p> <ul style="list-style-type: none"><li>• Safety objectives of the "Low Voltage" Directive 2014/35/EU (Ex 2006/95/EC);</li><li>• Protection requirements of Directive 2014/30/EU (Ex 2004/108/EC);</li><li>• Certified by TÜV HESSEN (for the refrigeration part).</li></ul>
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## BEFORE USING THE APPLIANCE

### Warnings

- To make the best use of your appliance, we recommend that you carefully read the operating instructions.
- Keep this booklet for future reference.
- After unpacking the appliance, make sure it is not damaged. Any damage must be reported to the supplier within 24 hours.
- If the appliance has been laid down or overturned, wait at least 8 hours in its proper position before switching it on.
- Ensure that installation and electrical connections are carried out by a qualified technician, following the manufacturer's instructions and current local regulations. The electrical system must be equipped with an effective grounding outlet in compliance with the law (46/90).

## GENERAL PRECAUTIONS AND SUGGESTIONS

Before performing any maintenance or cleaning, unplug the appliance from the electrical outlet.

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

The data and characteristics specified in this manual do not bind the manufacturer, who reserves the right to make any modifications deemed necessary without prior notice or obligation to replace parts.

Failure to comply with safety standards may cause fire, electric shocks, or damage to the machine.

## INSTALLATION LOCATION

This appliance is intended for domestic use and similar environments such as:

- Staff kitchens in shops, offices, and other working environments;
- Cottages and guest rooms in hotels, motels, and other residential settings;
- Areas such as bed and breakfast accommodations and guest houses;
- Catering services and use in similar retail environments.

Do not install the machine in excessively humid and dusty locations, in direct sunlight, outdoors, or near heat sources. Installing the machine in these conditions could cause fire or electric shock. This appliance is not suitable for outdoor use.

When connecting the machine to the water supply, all pipes, gaskets, and existing connections between the machine and the water inlet must be replaced with new materials to avoid contamination.

## ELECTRICAL POWER SUPPLY

- Do not plug in or unplug the machine with wet hands.
- Firmly insert the plug into the wall outlet.
- Do not damage, modify, extend, bend, or twist the power cord.
- Do not place heavy objects on the power cord.
- Do not connect the machine to an outlet with other devices (extension cords, 2 or 3-prong adapters, etc.).
- Do not use the machine if the power cord is tied or knotted.

If you notice smoke, unusual smells, or strange noises from the machine, immediately unplug it and contact the local dealer or technical support.

Using the machine under these conditions could cause fire or electric shock.

Periodically, unplug the machine and clean the plug and outlet with a dry cloth.

If the machine is connected in a place exposed to dust, smoke, or high humidity, dust accumulating on the outlet may absorb moisture and alter insulation, potentially causing a fire.

Do not spray water on the appliance, as this could cause electric shock or fire.

The machine must not be installed in areas where it may be exposed to water jets. Use a damp cloth to clean the machine. Do not use solvents, as they could come into contact with the electrical components inside the machine, leading to fires or electric shocks.

Before cleaning the machine, turn it off and unplug it from the power outlet. Failure to turn it off or accidental activation during cleaning could cause injury or damage to the machine.

The appliance can be used by children under 8 years of age and by people with disabilities, physical, sensory, or mental impairments, or lack of experience or knowledge, as long as they are supervised or have been instructed on the safe use of the appliance and understand the potential hazards. Children should not play with the appliance. Cleaning and maintenance intended to be performed by the user should not be carried out by unsupervised children.

## UNPACKING

- Place the appliance in the installation location.
- Cut the straps and remove the box, styrofoam, and outer plastic bag.
- Immediately discard plastic bags and styrofoam as they pose a danger to children.

## TIPS FOR ENVIROMENTAL SAFEGUARDING

### Packaging

The packaging material is 100% recyclable. For disposal, follow local regulations. Packaging materials (plastic bags, styrofoam parts, etc.) should be kept out of children's reach as they may pose a hazard.

### Information

This appliance is CFC-free (the cooling circuit contains a gas that is harmless to the ozone layer). For more details, refer to the serial plate located on the appliance.

### Product

This appliance is marked in accordance with the European Directive 2012/19/EU, Waste Electrical and Electronic Equipment (WEEE). By ensuring that this product is disposed of properly, the user contributes to preventing potential environmental and health hazards. The symbol on the appliance or accompanying documentation indicates that the device may not be considered household waste. Therefore, it must be delivered to an appropriate collection center for recycling electrical and electronic equipment. Disposal should be carried out in compliance with local waste disposal regulations. For further information on treatment, recovery, and recycling, contact the retailer from whom the product was purchased.

## DESCRIPTION OF THE APPLIANCE

These coolers are made of high-quality materials to ensure maximum hygiene and are designed for ease of use and maintenance.

Suitable for domestic environments, they can also be installed in other settings such as bars and offices. Installation is only indoors and in environmental conditions as described in the "Technical Specifications" chapter.

They are equipped with an internal refrigeration system capable of providing chilled water between 3 and 10°C.

## TECHNICAL DATA

Water production	15 liters/h (3.96 US gallons/h) of cold water for AC and ACWG models, with an additional 10 liters/h (2.61 US gallons/h) of hot water for ACWGH models
Cold water output temperature	Between 3 and 10°C (37.4 and 50°F)
Hot water output temperature	Up to 95°C (203°F)
Continuous cold water production	3 liters (0.8 US gallons) every 12 minutes
Cooling system	Ice bank
Maximum power consumption	190 W (AC) – 260 W (ACWG) – 1460 W (ACWGH)
Power supply	220-240 Volt / 1-50 Hz
Sound pressure level	<70 dB
Net weight	29 kg / 64 lbs (AC) - 33 kg / 73 lbs (ACWG) – 36 kg / 79 lbs (ACWGH)

## INSTALLATION

It is very important that the housing unit has an open back to allow hot air to escape.

If you want to install the product in a column with an oven, it is advisable to place it below the oven. The heat from the oven rising upwards could overload the compressor (responsible for cooling the ice bank), resulting in higher electricity consumption and increased wear on the compressor itself.

Care must be taken not to obstruct the radiator, located to the right of the system, to avoid overloading the compressor and preventing it from overheating.

For installation, a tap with a 3/8" female connection and a Schuko electrical outlet is required. The installation kit includes a 2-meter-long, 8 mm tube (which can be extended up to 10 meters upon request) and a quick connector with a 3/8" male thread.

## FILLING THE ICE BANK

During this operation, the machine must be turned off with the green switch in position 0.

Remove the cap from the "FILL ICE BANK" connector by pressing an 8mm wrench on the locking ring while simultaneously pulling the cap.

Push the incoming water tube into the "FILL ICE BANK" connector with the required pressure.

Opening the tap and allowing water to enter the ice bank slowly until the water level in the transparent vertical tube on the right reaches the position marked between MIN and MAX, fill up to MIN. When ice forms inside the tank after a few hours, the level will rise to MAX due to the greater volume of ice compared to water. If the level exceeds MAX, slightly empty the tank by bending the transparent plastic tube and pouring the excess water into a container.

Close the tap.

Detach the tube by pressing with an 8mm wrench on the locking ring while simultaneously pulling the tube.

Immediately insert the cap on the "FILL ICE BANK" fitting, applying the appropriate pressure.

At this point, insert the inlet water hose into the corresponding "IN WATER" fitting.

## POWERING ON

Once the system is installed, the ice bank must be filled first, followed by connecting the inlet water.

The ice bank is full when the water level in the small transparent tube on the right side of the system is between the MIN and MAX markings.

After opening the tap, turn on the system by pressing the green button. Draw 1 liter of room temperature water (dusty carbon powder will come out since the filter is new). Then, draw a glass of sparkling water and one of cold water to remove the air from the tubes. Now, open the CO2 cylinder, and for standard carbonation, turn the pressure reducer until the gray arrow is just before the red zone.

Only for ACWGH models with hot water, first, draw one liter of hot water, which will come out at room temperature at this stage (by simultaneously pressing the safety button marked with a lock and the H button) to remove the air from the boiler, **then and only then** turn on the boiler using the red button.

## ICE BANK DRAINING

If you need to move the system, you must first drain the ice bank to avoid water leakage that could damage the electrical system (the ice bank is not watertight).

Disconnect the power cable from the socket.

To drain the ice bank, after it has melted, simply rotate the transparent vertical tube and let the water flow into a container.

After draining the ice bank (approximately 3 liters), reposition the transparent tube in its vertical holder.

## STARTUP

Attention! If the device has been laid down or turned upside down, wait at least 8 hours before starting it.

### Electrical Connection

Connect the system to the electrical network by plugging it into a power outlet. The provided outlet must be equipped with an efficient ground connection and dimensioned for the appliance load (see technical specifications). Check that the network voltage matches the specifications on the data plate. Ensure that an omnipolar switch with a minimum contact distance of 3 mm and protected by fuses appropriate to the appliance's absorption (see technical specifications and data plate) is upstream of the outlet.

### CO2 Cylinder Connection

Connect the 6mm tube to the CO2 cylinder's pressure reducer on one side and the "IN CO2" fitting on the other.

**WARNING:** Do not route the CO2 cylinder connection tube in front of the radiator/air exhaust fan, as prolonged exposure may soften the tube material, creating micro-holes with potential CO2 leaks.

The cylinder is equipped with a seal valve that will open when mounting the reducer and automatically close when disconnected. The reducer adjustment screw is already set to the optimal carbonation position (about 3.5 bar). You can increase the amount of gas by turning the valve clockwise and vice versa. The 600g disposable CO2 cylinder has an autonomy of between 60 and 120 liters of water, depending on the chosen carbonation level.

## ACTIVATED CARBON MICROFILTRATION

The ProAcqua SN filter guarantees a filtration level of 5 microns, reducing chlorine and suspended microparticles, significantly improving the taste and smell of the treated water. ProAcqua SN ensures low pressure loss and high flow rates and autonomy. It must be replaced at least once a year (as recommended by the Italian Higher Institute of Health) or when it reaches the end of its life. The autonomy of this filter is 7,000 liters and was calculated considering 1 ppm of chlorine in the water to be treated.

## COOLING

The system uses ice bank cooling technology without storage, typical of professional systems, ensuring high water dispensing performance with minimal energy consumption. Additionally, since there is no cold-water storage like in less sophisticated systems, the sanitary risk that could arise from water stagnation due to system inactivity is eliminated. The system guarantees water cooling to 4°C for up to 15 liters/hour, with an inlet water temperature of less than 20°C. The cold-water thermostat, labeled "COOLER," has a factory setting of 5. This value can be adjusted with a flathead screwdriver, turning it counterclockwise to the end and then clockwise to the desired value; the higher the value, the colder the water will be, and vice versa. Be careful not to set values higher than 5 if the system is not used frequently, as the cooling coils may freeze, blocking the cold and sparkling water outlets.

## HEATING

The system uses a professional closed-pressure boiler heating technology, allowing water heating to 95°C for up to 10 liters/hour. The hot water thermostat, labeled "HOTTER," has a factory setting of 4, which dispenses water at about 80°C, ideal for making tea and herbal infusions. This value can be adjusted with a flathead screwdriver, turning it counterclockwise to the end and then clockwise to the desired value. Be careful not to increase the thermostat value too much; with a pressurized boiler, the water can reach 95°C, and initially, only steam will come out when drawn. **HOT WATER STARTUP:** A safety system allows hot water to be dispensed only by simultaneously pressing the H button and the SAFETY button (lock button).

## FILTER

The system alerts the user when it's time to change the filter, one year after the first startup, with the "**CHANGE FILTER**" alarm. To reset the light after replacing the filter, press the "CHANGE FILTER" icon until it starts flashing, and the other icons turn off. Hold it down for about 10 seconds until it stops flashing.

To replace the filter, turn off the incoming water, draw a glass of cold water and one of sparkling water to reduce pressure in the hydraulic circuit, then remove the used filter by turning it clockwise, wet the seals of the new one with water, push it into the head, and screw it counterclockwise. After replacing the filter, draw 5 liters of room-temperature water to remove carbon dust from the new filter and prevent it from entering the cooling and carbonation circuits.

## CO2

When the system runs out of CO<sub>2</sub>, it will dispense still water even when selecting sparkling water, and the output pressure will be lower than usual. Replace the cylinder by unscrewing it from the pressure reducer and installing a new one, ensuring it's tightly screwed in until fully seated. After replacing, draw at least 2 liters of sparkling water continuously to restore proper carbonation. The empty cylinder is 100% recyclable and should be disposed of in the metal bin.

ANOMALIES	POSSIBLE CAUSES	ACTIONS
The compressor doesn't start	No electricity	Check if there is power at the outlet
	Thermostat in the off position or set to minimum	Adjust the thermostat setting
	Faulty thermostat	Replace the thermostat
	Faulty compressor overload protection	Replace
	Faulty start relay	Replace
	Faulty start capacitor	Replace
	Faulty compressor	Replace
The water is cold, but the machine runs excessively or continuously	Poor ventilation	Move the machine away from the wall
	Dirty or obstructed condenser	Clean or remove obstructions from the condenser
	Thermostat set to maximum cold	Adjust it
	Ambient temperature exceeds 32°C	It's normal for the machine to run continuously in high ambient temperatures
The compressor runs continuously, but the water is not cold	Refrigerant leak in the cooling system	Contact a refrigeration specialist
	Faulty compressor	Replace the compressor
<b>COOLING</b>		
Excessive machine noise, but operating normally	The machine is not level	Level the machine using the adjustable feet
	Some tubes are touching parts inside the machine causing vibrations	Adjust the tubes to ensure they do not touch other parts
The cold water comes out slowly or not at all	Low water pressure	Increase water pressure (use a booster pump)
	Faulty solenoid valve	Replace
	Clogged water filter	Replace
	Faulty temperature regulator, causing complete freezing of the ice bank	Let the ice melt. Replace the temperature regulator
<b>CARBONATION</b>		
The sparkling water is weak or not carbonated	O2 pressure regulator set below 3 bar	Increase to 3.5 - 4 bar
	Empty CO2 cylinder	Replace
	The outgoing water temperature is too high	Set the thermostat to maximum
	Air bubbles in the carbonator	Purge the carbonator
Only gas comes out of the sparkling water outlet	Pump safety (no water) has been triggered, and the red light above the power button is on	Check the network pressure. Disconnect and reconnect the power supply to reset (turn off and on again)
	The pump runs continuously	No water is entering, or the water filter is clogged
	The pump runs continuously, and water is entering	The inlet connection to the carbonator is blocked. Disassemble and clean
	The pump is blocked, or the motor is not running	Check and replace
	Faulty level control	Check and replace
Continuous dripping from the outlets	Dirty level sensors	Check and replace
	Dirty solenoid valve	Disassemble the solenoid valve and clean
Still water comes out carbonated	Dirty non-return valve in the carbonator inlet	Disassemble and clean or replace