

Operating instructions

NW-2000pro Water Dispenser

64405



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



The information contained in this document may alter at any time without prior notice. No part of this document may be copied or otherwise duplicated without prior written consent. All rights reserved. WilTec Wildanger Technik GmbH cannot be held liable for any possible mistakes in this operating manual, nor in the diagrams and illustrations shown.

Although WilTec Wildanger Technik GmbH has made every possible effort to ensure that this operating manual is complete, accurate, and up-to-date, errors cannot be ruled out entirely.

If you have found an error or wish to suggest an improvement, we look forward to hearing from you. Send us an e-mail to:

service@wiltec.info

or use our contact form:

<https://www.wiltec.de/contacts/>

The most recent version of this manual in several languages can be found in our online shop:

<https://www.wiltec.de/docsearch>

Our postal address is:

WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler – Germany

To return your goods for exchange, repair, or other purposes, please use the following address. Attention! To allow for a trouble-free complaint or return, it is important to contact our customer service team before returning your goods.

Retourenabteilung
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler – Germany

E-mail: **service@wiltec.info**

Tel: +49 2403 55592-0

Fax: +49 2403 55592-15

Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it. Keep these operation instructions in a safe place.

Safety instructions

- This is a vertical water dispenser. Please place it firmly on the floor to prevent it from falling.
- Check the product from time to time for leaks at the connections or leakage currents at the wires. If the device fails, immediately switch off the water and power supply and contact a qualified electrician.
- If the device will not be used for an extended period, switch off the water and power supply. If the device is not used for more than 3 days, drain the remaining water in the tanks and rinse the system for more than 5 min before using it again.
- This product must not be operated by children and is intended for indoor use only. Do not use it in an explosive environment.
- Each device is subjected to a leak test before packaging. It is normal for residual water leaks to occur.
- Installation and maintenance should be carried out by a specialist. It is necessary to strictly follow these operating instructions, otherwise property damage and injury may result.

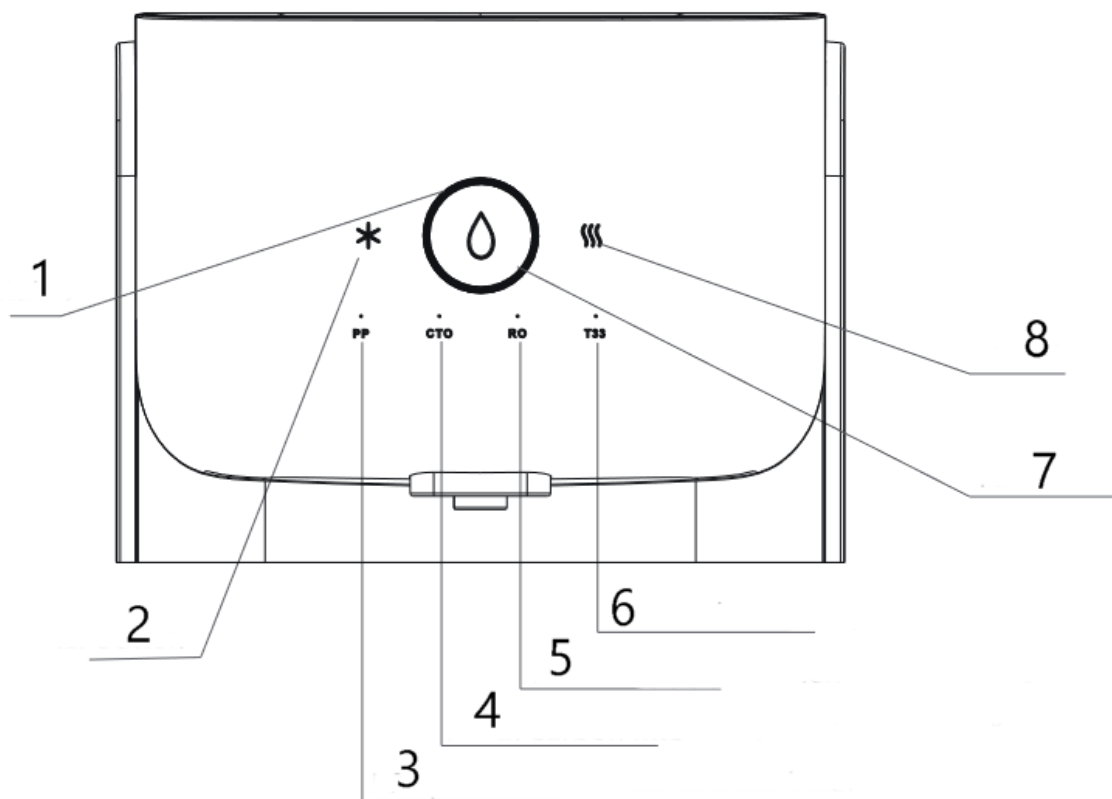
Technical data

Feed water	Municipal tap water
Water inlet pressure (bar)	4
Nominal power (W)	665
Cooling capacity (W)	150
Water production capacity (W)	15
Water inlet temperature (°C)	4–38
Flow rate of purified water (ℓ_{min})	0.4
CO₂ inlet pressure (bar)	3.45–5

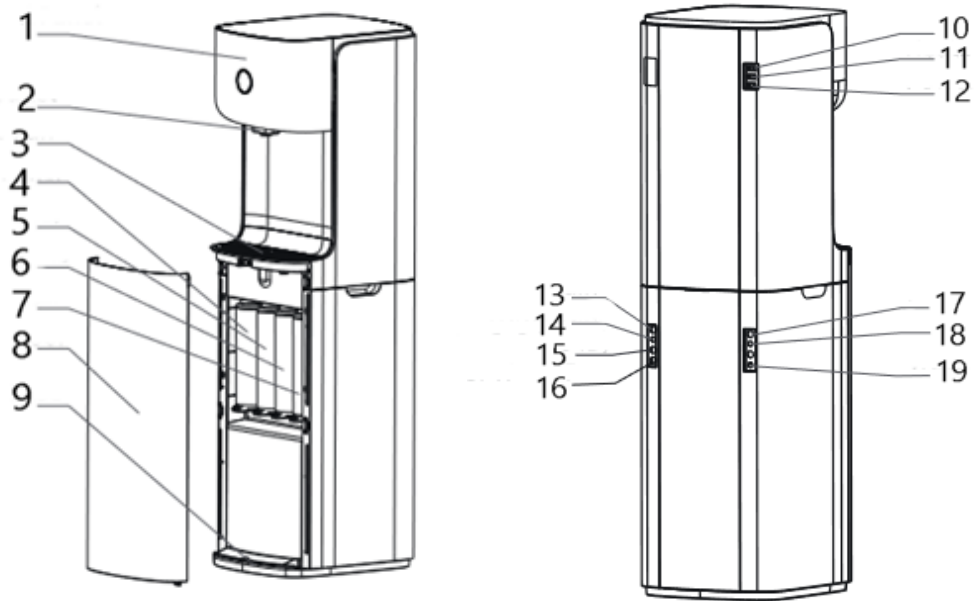
Filters and their function

Stages	Filter cartridge	Function
1 st level	PP- sediment filter	Removes large suspended particles in the water
2 nd level	activated-carbon filter	Removes organic substances, chlorine, odour, colour and turbidity
3 rd level	reverse-osmosis membrane	Removes bacteria, heavy metals, dissolved substances and salt content
4 th level	activated-carbon after filter	Regulates the flavour of purified water
5 th level	LED UV	Treats bacteria
Temperature options		Hot / Cold

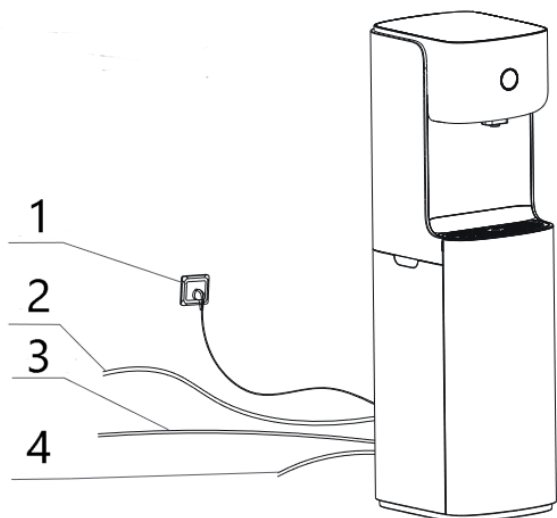
Device overview



Nº	Name/description	Nº	Name/description
1	Show work status	5	Reminder to replace the reverse osmosis membrane
2	Button for cold water	6	Reminder to replace the inline activated carbon block
3	Reminder to replace the PP sediment filter	7	Button for drinking water
4	Reminder to replace the activated carbon block filter	8	Button for hot water



No	Name	No	Name
1	Display and control panel	11	Heating switch
2	Water outlet	12	Mains switch
3	Water tray	13	Reverse-osmosis drain
4	PP sediment filter	14	Drain for cold water tank
5	Activated-carbon block filter	15	Water drain
6	Reverse-osmosis membrane	16	Water-tray drain
7	Activated-carbon block filter	17	Power supply
8	Front magnetic door	18	Hot-water tank drain
9	Base	19	Water inlet
10	Cooling switch		



No	Name
1	Socket for the power supply
2	Water connection
3	Drain for waste water
4	Drain for the water tray

Installation procedure

1. Required tools

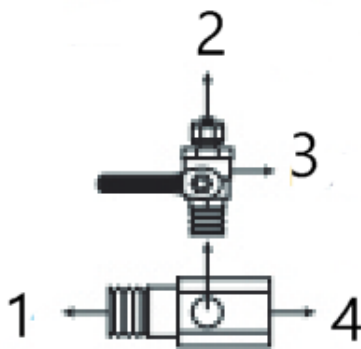
- Cross-head screwdriver
- Adjustable spanner
- Scissors

2. Required installation position

- Near a power socket.
- Near the municipal water pipe.
- Near the drain. Please note that the position of the drain pipes should be at least 20 cm lower than the water tray.

Installation of the inlet ball valve and the T-piece

- Install the T-piece and the feed water valve as shown in the illustration.
- Wrap sealing tape around the threads of the feed water valve and the T-piece.
- Connect the white feed water hose from the device to the feed water valve.



No	Name/description
1	Connect with pipe
2	Water inlet pipe
3	Ball valve
4	Connection with faucet

1. Cut the reverse osmosis hose to the appropriate length and prepare 2 pieces. Use one piece to connect the ball valve to the water inlet and the other piece to connect the drain to the waste water connection. Connect the silicone hose to the drain of the water or a bucket.
2. Remove the front panel and insert the filter cartridges into the water purifier as described above. Once the filters have been installed, replace the front panel.

Instructions for first use

- Open the inlet ball valve, connect the power supply and switch on the device to start water production. During this time, the heating switch should be switched off.
- Once the device has finished producing water (indicated by the white light around the large button in the centre), switch off the power supply. Connect the silicone hose to the drain of the hot water tank (18) and the other end to the drain of the house or a bucket to drain all the water in the tank.
- Switch the device on again and allow it to produce water. Then drain all the water in the tank after water production is complete. Repeat this process 2–3 times to rinse the device. Pay attention to all connections to detect any leaks.
- After rinsing, remove the silicone hose and put it away. Close the drain of the hot water tank.

Inserting the CO₂ bottles

First reduce the pressure to a minimum, as shown in Figure 1. Then quickly screw the pressure control valve onto the CO₂ bottle. Hang the CO₂ bottle on the back of the machine as shown in Figure 2 and insert the tip of the gas pipe with the ball valve into the sleeve labelled “CO₂” on the side plate. Open the ball valve and set the pointer of the pressure regulating valve to 3.5–4.5 bar (51 - 65.2 PSI).

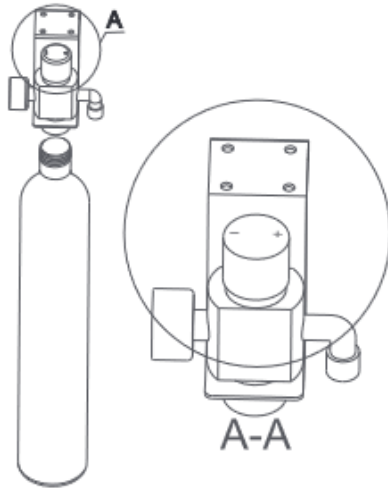


Fig. 1

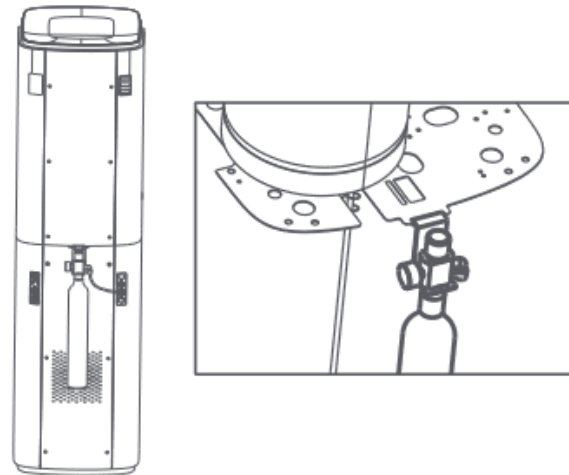


Fig. 2

Usage

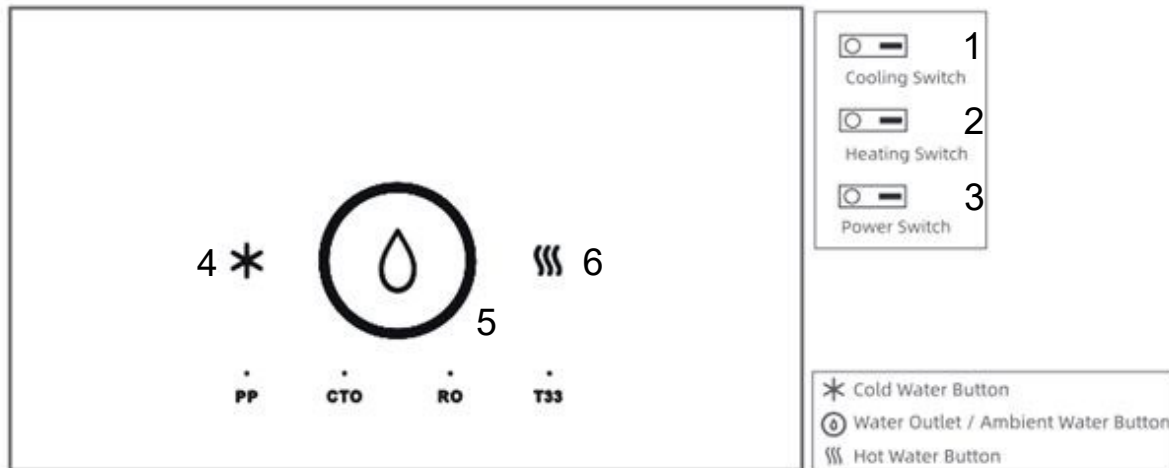
Light indicator for PP sediment filter (1st stage)	Total service life: 270 hours	
	Remaining life span > 45 Hours	Light off
	Remaining life span < 45 Hours	Flashing
	Filter service life ends	Red light on
Light indicator for activated carbon block filter (2nd stage)	Total service life: 270 hours	
	Remaining life span > 45Hours	Light off
	Remaining life spans < 45Hours	Flashing
	Filter service life ends	Red light on
Light indicator for reverse osmosis membrane (3rd stage)	Total service life: 540 hours	
	Remaining life span > 90 Hours	Light off
	Remaining life span < 90 Hours	Flashing
	Filter service life ends	Red light on
Light indicator for T33 in-line activated carbon block filter (4th stage)	Total service life: 270 hours	
	Remaining life span > 45 Hours	Light off
	Remaining life span < 45 Hours	Flashing
	Filter service life ends	Red light on

Resetting the filter service life

Press the “PP” and “T33” symbols together with both thumbs until the device beeps once. Press and hold these two symbols for longer than 3 s until the device beeps three times.





Then press the corresponding indicator light and keep it pressed for 3 s or longer. This activates the reset mode. A beep will sound to confirm that the filter life reset has been completed.

Control panel overview






Nº	Name	Nº	Name
1	Cooling switch	4	Cold water button
2	Heating switch	5	Water outlet button
3	Power switch	6	Hot water button

Obtaining hot water

- Switch on the heating switch (from “O” to “-#”) to heat the machine.
- Then press the hot-water button  on the control panel. A signal tone sounds, and the hot-water status is triggered for 3 s.
- Press the water-outlet button  within 3 s and you will get hot water (a red circle lights up around the water outlet button ).
- Press the water outlet button  again to stop dispensing hot water. The device will dispense hot water for 30 s if it is not cancelled manually.

Obtaining fresh water

- Press the water outlet button  on the control panel and you will receive fresh water (a green circle light will light up around the water outlet button ).
- Press the water outlet button  again to stop dispensing water. The device will dispense water for 30 s if it is not cancelled manually.

Obtaining cold water

- Switch on the cooling (switch position from “O” to “-”), the machine starts to cool.
- Press the cold-water button * on the control panel. A signal tone sounds, and the cold-water status is triggered for 3 s.
- Press the water outlet button ① within 3 s and you will receive cold water (a blue circle lights up around the water outlet button ①).
- Press the water outlet button ① again to stop cold water dispensing. The device will dispense cold water for 30 s if it is not cancelled manually.

Obtaining soda water

- Switch on the cold-water switch (switch position from “O” to “-”), the device starts to cool.
- Press the water outlet button ① (a green light lights up around the water outlet button).
- Press the water outlet button ① again to stop dispensing soda water.

Rinsing

- Each time that the device is switched on, a 90-second flush is carried out.
- After one hour of water extraction, the device carries out a 10-second flush.

Memory function

Even when the device is switched off, it automatically saves all data, such as the service life of the filter, the remaining service life of the LED UV steriliser, the device mode, etc.

LED-UV steriliser

New machine

After water production has been completed for the first time, the LED-UV works for 150 min. This process cannot be interrupted.

For daily use

If no water is produced, the LED-UV performs a 30-second sterilisation every hour. The LED-UV system performs a 50-minute sterilisation every time the machine has finished producing water.

Energy-saving mode

If there is no manual operation within 30 min, the device switches to energy-saving mode. In this mode, only the brightness of the light is reduced, other functions of the device are not affected.



Troubleshooting

Problem	Possible cause	Suggested solution
All indicator lights off	The power supply cable is not connected to the power supply	Connect mains cable to socket.
	The mains switch is switched off	Switch on mains switch.
	Circuit interrupted	Ensure that all wires are well and correctly connected.
	Defective power supply unit	Replace defective power supply unit.
Pink flashing light around the "Water outlet" button	The water inlet is switched off	Ensure that all inlet valves are open.
	Low feed water pressure	Increase feed-water pressure.
	The low-pressure switch is defective	Contact your local dealer to obtain a new low-pressure switch.
	Defective electrical control board	Contact a qualified electrician.
Water production mode, but no water is being dispensed	The filter cartridge is clogged or not installed correctly	Replace or correctly install the filters.
	Defective inlet solenoid valve	Replace solenoid valve.
	The float switch is damaged or blocked	Contact a specialised dealer to obtain a new float switch or to adjust its position.
The machine is not heating	The device starts to heat when the hot water tank is empty and switches off the heating function for safety reasons.	Reset temperature switch.
	The circuit has failed.	Check electrical circuit and have it repaired.
	Defective hot water tank	Contact a specialist dealer to obtain a new hot-water tank.
	Defective electrical control element	Contact a qualified electrician to replace control element.
No soda water	The pointer of the pressure gauge is at 0	There is no CO ₂ in the cylinder. Replace the cylinder
	If there is some CO ₂ in the cylinder and the ball valve is open	Check booster pump and solenoid valve for soda-water outlet



Light indicator

Colour	Behaviour	Device status	Note
Green	Circling	Fresh-water outlet	When dispensing fresh water
Red	Circling	Hot-water outlet	In the process of dispensing hot water
Blue	Circling	Cold-water outlet	When dispensing cold water
Red	On without circling	Defective LED UV	LED UV damaged or not connected correctly
White	On without circling	In standby mode	Normal
Red	Circling	In heating process	In the heating process
Pink	Flashing	Lack of water	No feed water
Red	Flashing	Low feed-water pressure – water production process is interrupted	Low-pressure switch disconnected
Yellow	Flashing	High feed-water pressure –water production process is interrupted	High-pressure switch disconnected

Regulations for waste disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and devices.

All WilTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WilTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).

The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.

By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.



Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

Address:
WilTec Wildanger Technik GmbH
Königsbenden 12 / 28
52249 Eschweiler Germany

Important note:

Reproduction and any commercial use (of parts) of this operating manual, requires a written permission of WilTec Wildanger Technik GmbH.