

E-WATERBLOCK

IS READY TO SAFEGUARD YOUR PROPERTY.



ELTEK
APPLIANCE

The product image and contents
are for reference only.



E-WATERBLOCK

The E-WATERBLOCK is a smart device capable of detecting anomalies in water supply. It blocks water flow preventing damages and excessive water consumption.



TECH DESIGN

E-WATERBLOCK is a device that combines mechanics and electronics to ensure the maximum efficiency and safety in flood prevention. Once installed and configured it is independently self-sufficient. The electronic system can monitor and communicate any irregularities to the APP.

The product image and contents
are for reference only.



FEATURES



A smart system that monitors and measures water flow.



A device that protects against damages caused by water leaks or other anomalies.



An intelligent device that communicates with the Eltek APP.

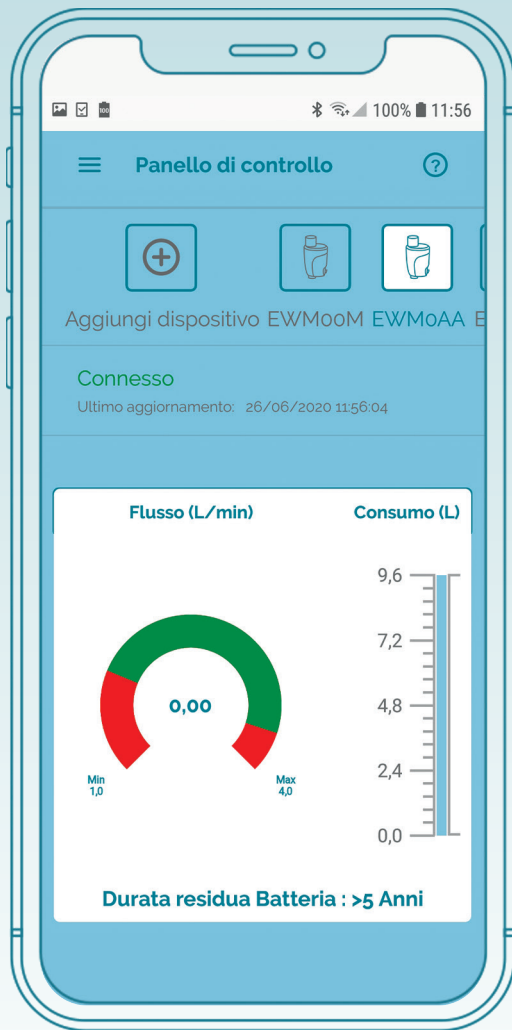
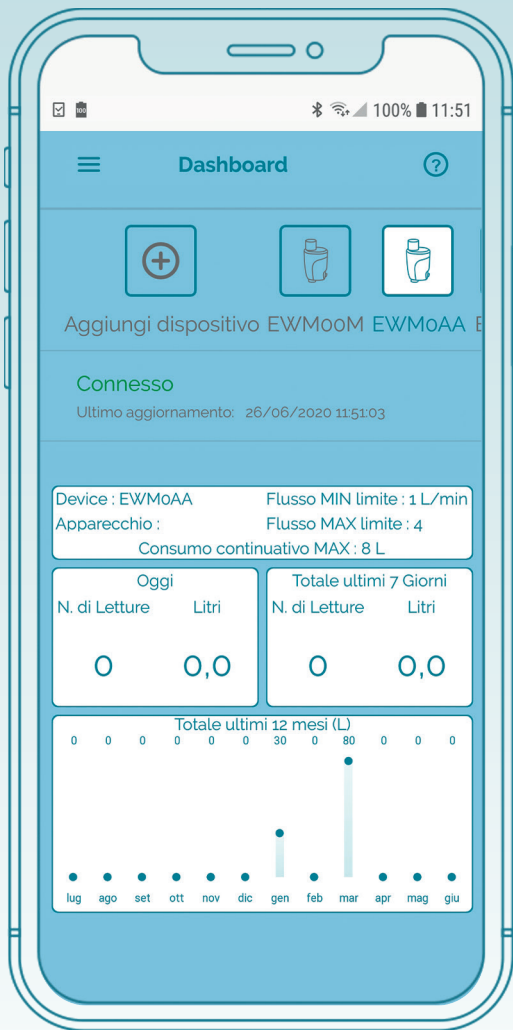


To restore normal water flow after the E-WATERBLOCK has been activated, simply turn the orange lever clockwise.

E-WATERBLOCK: **THE TRUSTED CHOICE FOR** **OFFICE ENVIRONMENTS**

E-WATERBLOCK is most suitable for applications in office settings or public places where coffee, soft drinks, water and ice machines are commonly installed. Even when the premises are closed and unattended, damage control is guaranteed.





ELTEK APP

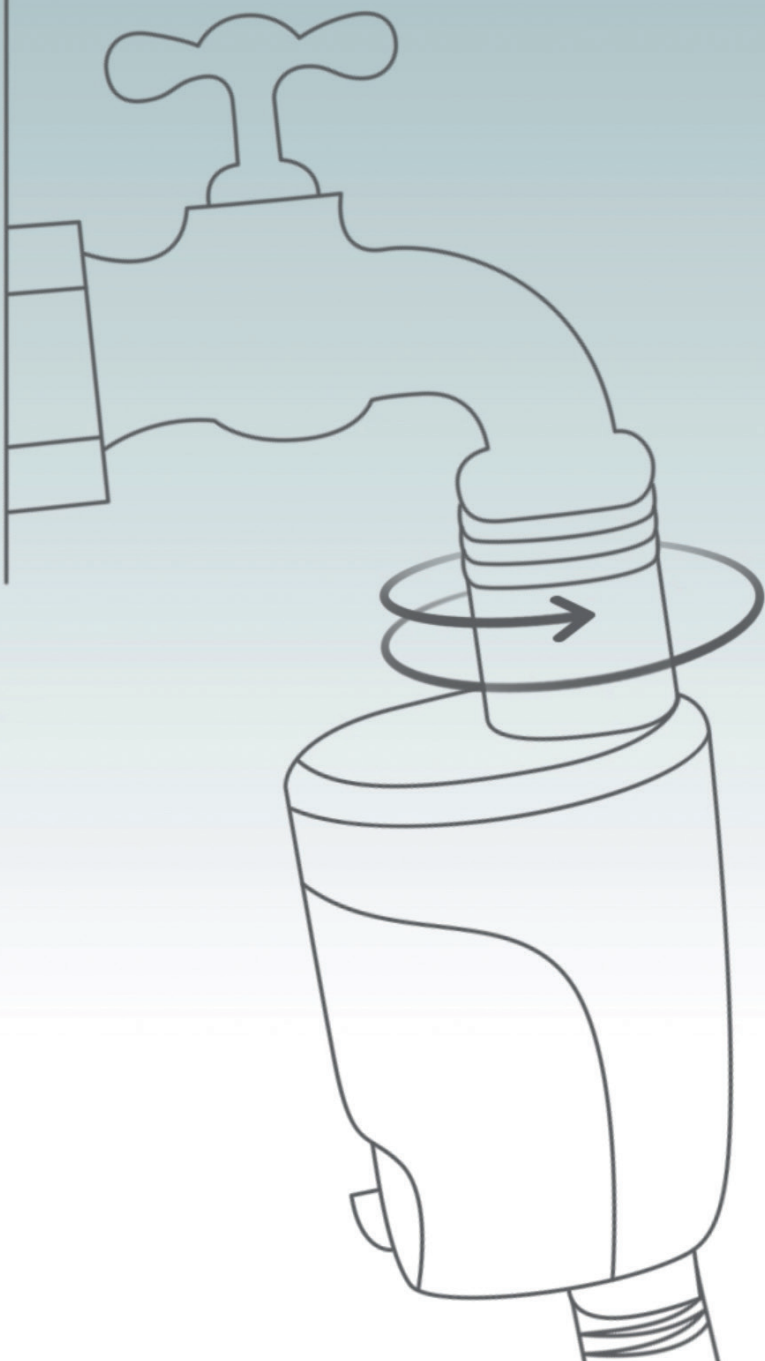
Via the Eltek APP a user has direct access to the device, allowing the user to configure, monitor the status of the device and access up to twelve months of water consumption. This cutting-edge technology sends user notifications and has a battery life of up to 3 years.



Download the APP

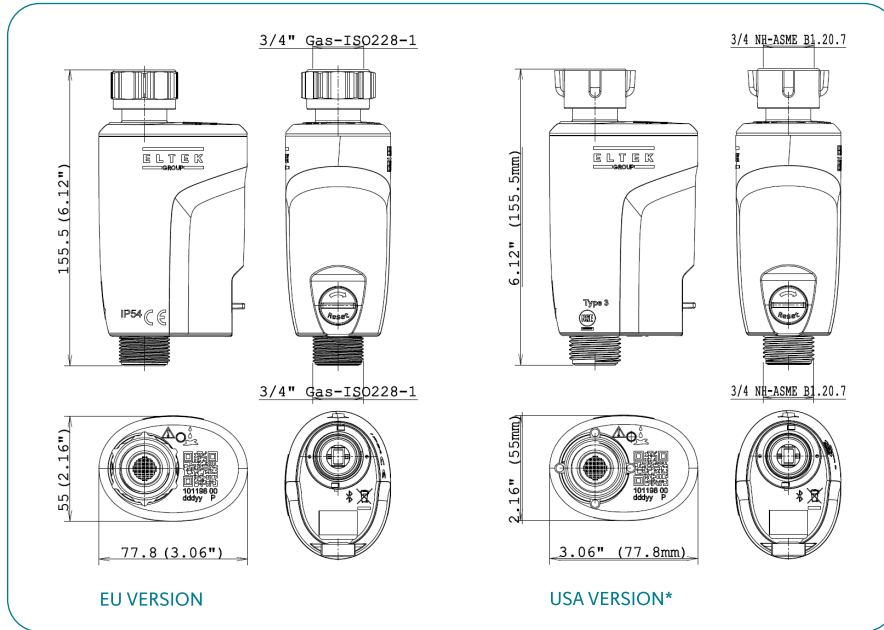


The Bluetooth wordmark and logos are registered trademarks owned by the Bluetooth SIG Inc. and any use of such marks by Eltek S.p.A. is under license. Other trademarks and trade names are those of their respective owners.



INSTALLATION

This device is easily attached at the water connection with no need for professional installation, electrical connections, or tools to install.



*Inches

PRODUCT CODE EU VERSION: 101198

PRODUCT CODE USA VERSION: 101298

PRODUCT NAME: E-WATERBLOCK

TECHNICAL CHARACTERISTICS

- 3/4" female and male gas attachments
- Long battery life
- Can be mounted vertically or horizontally
- Ambient Temperature from 2° to 40° C from 35.6°F to 104°F

E-WATERBLOCK EU version is approved: WRAS, ACS;
and is compliant with: UBA, DM174, KTW.
E-WATERBLOCK USA version is certified: NSF 169, UL, FCC

E-WATERBLOCK	
Minimum flow rate	0.1l/min 0.026gpm*
Maximum flow rate	from 0.1 l/min to 30 l/min from 0.026 gpm to 7.926 gpm*
Approved for use with hot water	✓
Relative humidity	30% - 95%
Water Conductivity	da 100 microS/cm a 5000 microS/cm
Operating Pressure	0.02 MPa - 1 MPa (0.2 - 10 bar)
Connectivity	Bluetooth®
Battery Life	> 3 years

*US gallons



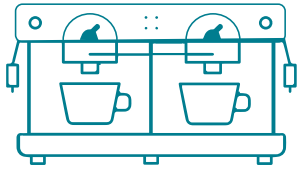
Data updated to 02/2021

COMPARISON CHART

	WATERBLOCK	E-WATERBLOCK
Meter Range	mechanical	electronic
Sensitivity	2 l/min 0.53 gpm*	0.1 l/min 0.026 gpm*
Operating Water Flow Rate	from 5 l to 50 l from 1.32 g to 13.21 g*	from 2 l to 200 l from 0.53 g to 52.83 g*
Approved for Operation with hot water	✓	✓
Manual reset	✓	✓
Settings	on the device	through APP
Warning notifications		✓
Water consumption tracker		✓
Power supply	not needed	battery
Versions	EU, USA	EU, USA
Useful life	>300000 l >79251.86 gallons	> 3 years**

*US gallons

**Refers to battery life



COFFEE MACHINE



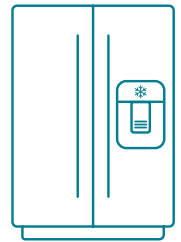
DRINKS DISPENSER



WATER DISPENSER



HOT DRINKS
AND COFFE
DISPENSER



ICEMAKER

WHERE DEVICES CAN BE USED



Hospitality



Office & Work sharing spaces



Residential



Fitness and Wellness Centers



Outdoor & Gardens



LoRaWAN[®] E-WATERBLOCK

Thanks to the LoRaWAN[®] communication protocol it is possible, from a long distance and with low energy consumption, to control an extensive park of E-WATERBLOCKs to monitor the plumbing and sanitary equipment of an apartment building.

The E-WATERBLOCK devices can be monitored through a web portal that shows in a detailed or aggregated way the consumption records, the status of the equipment to which they are connected and any alarms. The anomalies reported on the portal will allow an immediate intervention on the malfunctioning facility in order to avoid leaks, dripping or flood damage.

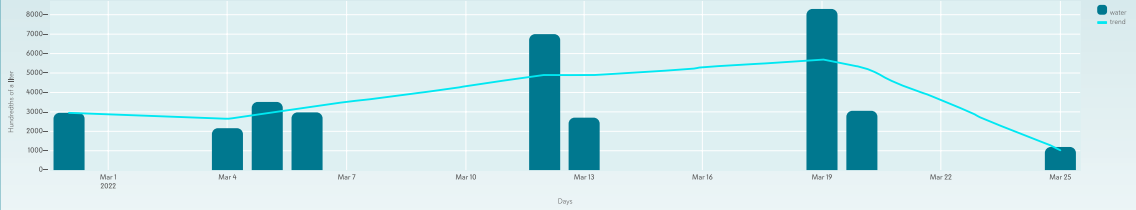
This version of the E-WATERBLOCK is particularly suitable for all those installations that require remote control h24 (for example in university residences, hospitals, fully leased condominiums, offices) limiting the access to the premises only in case of anomalies.

EWB Statistics

STATUS: OK

No alarm detected in the last 3 observation

Total water volume consumed by day



Daily water consumptions

Search

Date start_time_stamp end_time_stamp volume alert profile EWB

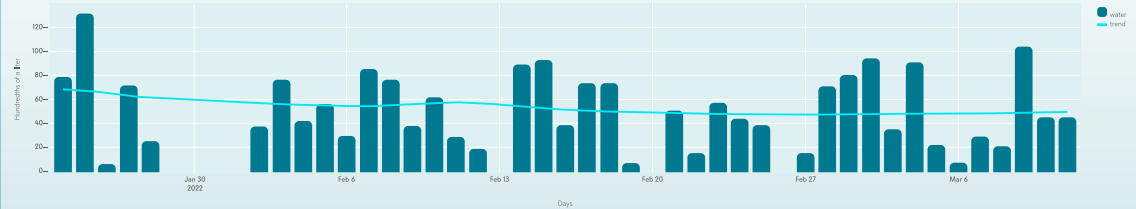
EWB Statistics

STATUS: ALARM

Alarm detected in the last observation



Total water volume consumed by day

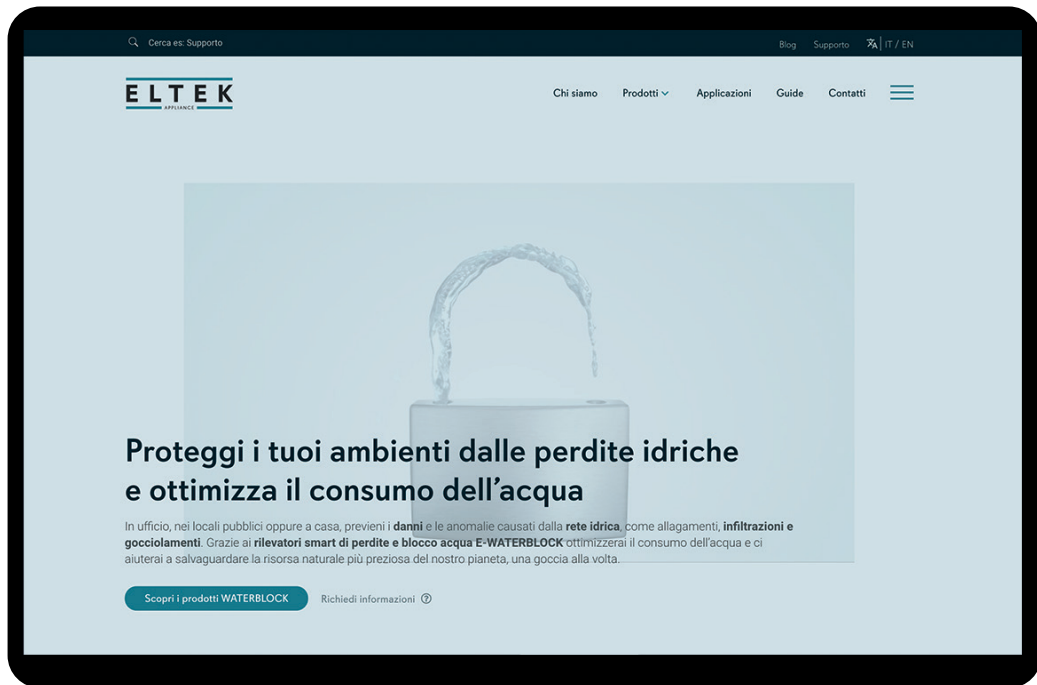


Daily water consumptions

Search

Date start_time_stamp end_time_stamp volume alert profile EWB

Views from Eltek web portal.



For more information visit
www.waterblocksolutions.com

ELTEK
APPLIANCE
AN ELTEK GROUP DIVISION

ELTEK S.p.A.

Strada Valenza 5/A 15033 Casale Monferrato (AL) • T. +39 0142335511
info@waterblocksolutions.com • www.eltekgroup.it

COD. 15.7745.01.02.

