



The Airgloss

COMPANY



ABOUT AIRGLOSS

Airgloss provides innovative solutions for real-time air quality monitoring and thermal comfort management for any kind of indoor space, from homes to offices, schools, hotels, healthcare and even transports.

Founded in 2014, the company has developed and patented an advanced technology based on Artificial Intelligence to identify a broad range of pollutants and improve indoor air quality and wellbeing.

www.airgloss.com

www.airglossproject.com

When we talk about pollution, we always think about outdoors.

According to research, though, Indoor Air Quality (IAQ) is even **2 to 5 times worse** than outdoors.

We spend **90% of our time** indoors^[1].

^[1] U.S. Environmental Protection Agency, 1987. The total exposure assessment methodology (TEAM)



THE PROBLEM

CAUSES & EFFECTS OF POOR IAQ

Indoor air quality worsening can be caused by seemingly innocent pollution sources.^[2]



HOUSEHOLD PRODUCTS



BUILDING MATERIALS



BYPRODUCTS OF COMBUSTION



BIOLOGICAL SOURCES

Poor Indoor Air Quality can cause minor, short term issues, as well as long term.^[3]



EYES / NOSE / THROAT IRRITATION



CONCENTRATION LOSS



SLEEP DISORDER



NAUSEA / DISCOMFORT



ASTHMA / RESPIRATORY DISEASES



LUNGS ISSUES



DEMENCIA



CANCER

^[2]Epa Report on the Environment on Indoor Air Quality, www.epa.gov/report-environment/indoor-air-quality

^[3]National Research Council. 1999. Health effects of exposure to indoor radon: biological effects of ionizing radiation (BEIR), report VI.



THE SOLUTION

AIRGLOSS FOR HEALTH AND COMFORT

Airgloss Multi-Sense technology is able to monitor air quality in closed environments, detecting and measuring a wide range of indoor airborne pollutants in real-time. The best cost-effective solution to really improve occupants' health, comfort and well-being.

Taking care of your indoor spaces all year round



FROM EARTH TO SPACE...

WITH OUR HEAD UP IN SPACE

Airgloss journey begins in space, with the STS-134 Space Shuttle Mission. In 2011 Airgloss NADIR was born, a sophisticated electronic nose developed for NASA thinking about the safety of the astronauts on the International Space Station. Three units were installed inside the I.S.S., in order to monitor air quality, searching for possible contaminations.

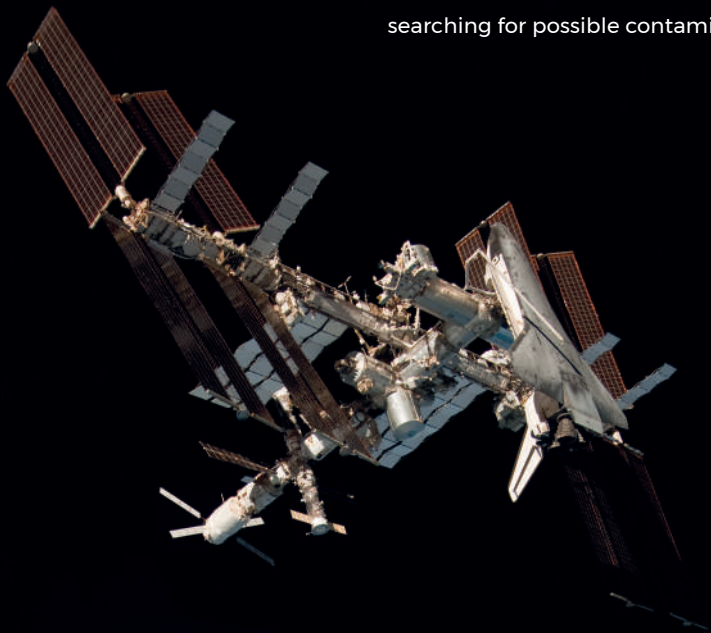


Photo credit @NASA



...AND BACK!

WITH THE EARTH IN OUR HEART

The experience on the ISS only drove Airgloss to aim higher. Could a product like this be used to improve people's life at home, at work, and anywhere necessary?

Five years of research and hard efforts were necessary, but thanks to a great work of cost reduction and miniaturization, Airgloss is now a cost-effective, reliable solution, ready for consumer market.

*Aerospace technology
with down to earth
applications*

THE TECHNOLOGY

ADVANCED MULTI-SENSING TECHNOLOGY

The first environmental monitor able to detect and identify a wide range of indoor airborne pollutants, using Artificial Intelligence and Pattern Recognition.

Reliable. Accurate. Smart.



INDOOR
AIR QUALITY



VOLATILE ORGANIC
COMPOUNDS



CARBON
MONOXIDE



CARBON
DIOXIDE



NITROGEN
DIOXIDE



METHANE
(OR LPG)



INDOOR
TEMPERATURE



RELATIVE
HUMIDITY



BACKGROUND
NOISE



ATMOSPHERIC
PRESSURE





LET'S
BUILD
WELLNESS
RATHER
THAN
TREATING
DISEASE

At the core of your workspace

PROSENSE

PRO-LEVEL ENVIRONMENTAL MONITORING

Airgloss ProSense is designed for commercial and industrial applications (offices, meeting rooms and other public spaces such as workspaces and schools), where air quality influences occupants' wellbeing and health, with a direct impact on performance and productivity.



At the heart of your home

COMFORTKIT

ARTIFICIALLY INTELLIGENT, NATURALLY SMART

Airgloss ComfortKit is the first smarthome solution with air quality monitoring and smart thermostat features, providing advanced heating, cooling, ventilation and air conditioning management, for a healthy, comfortable and energy efficient home. Featuring touchless gesture control.





WEB DASHBOARD

REAL-TIME OVERVIEW AT A GLANCE

Airgloss devices are always within reach through real-time monitoring and control over one intuitive management platform, the single-point monitoring and control solution to increase your occupants comfort and health and optimize energy efficiency.

Control and overview

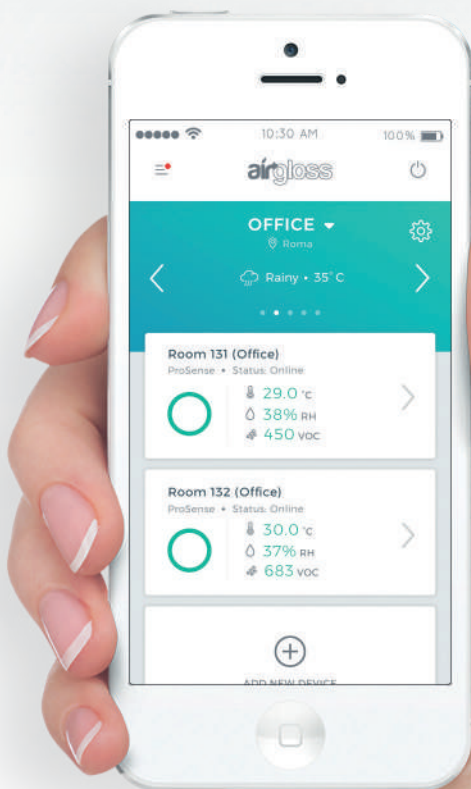
MOBILE APP

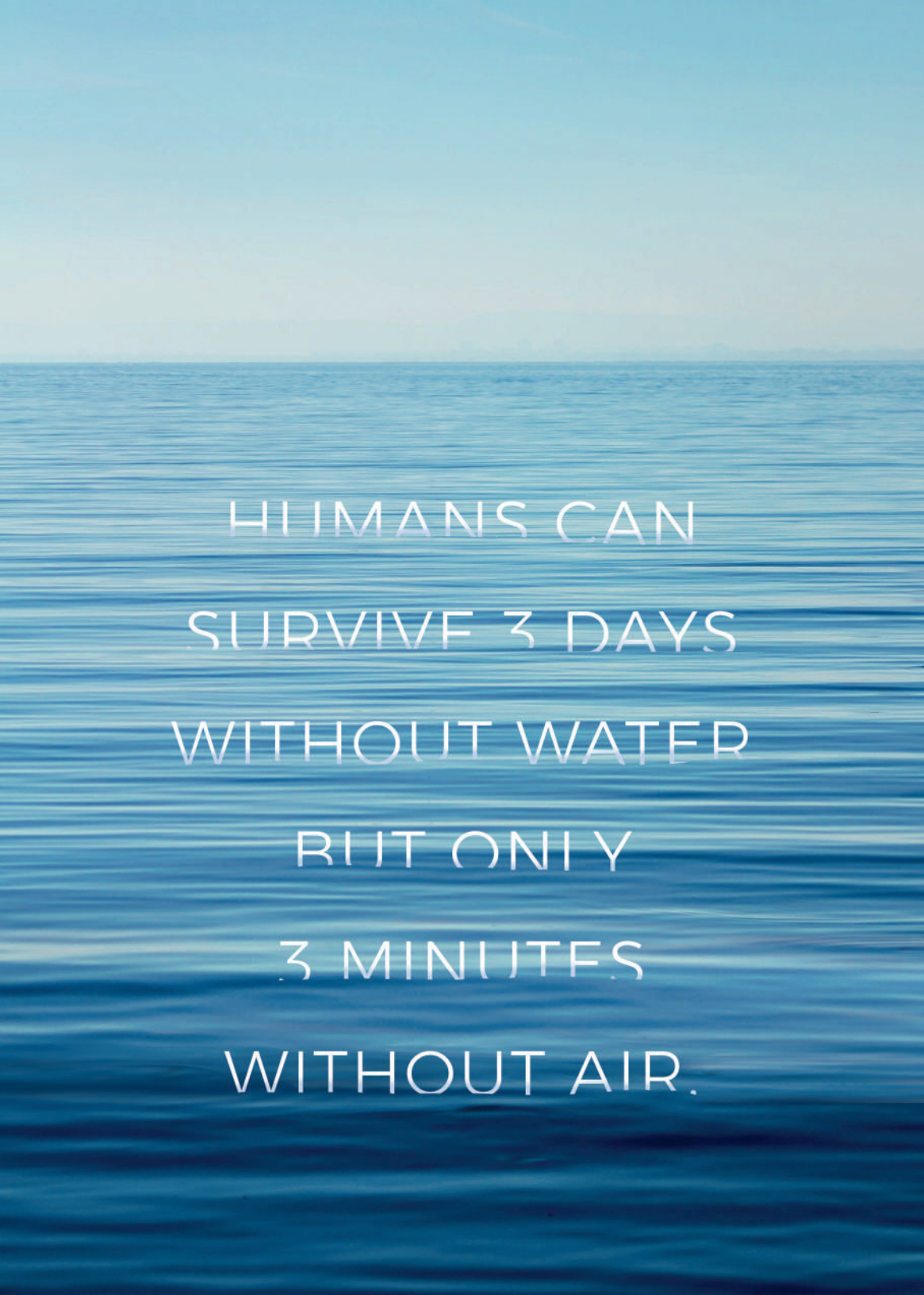
CONNECTED, ON THE GO

Airgloss app gives you access to all of the desktop dashboard's features. Real-time monitoring of your indoor air quality, instant notifications, HVAC system and air purification management, all on your device, at the end of your fingertips.



*Anywhere,
anytime*





HUMANS CAN
SURVIVE 3 DAYS
WITHOUT WATER
BUT ONLY
3 MINUTES
WITHOUT AIR.

COMPLIANCE

Airgloss devices are designed to be compliant with the main green building certifications:



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Developed for **space**,
made for **you**



The 'Space Solutions' trademark has been created by ESA to give special recognition to products and services that make use of space technology and space-provided services.

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