

# **PURIFYING AMBIENT TOTEM**

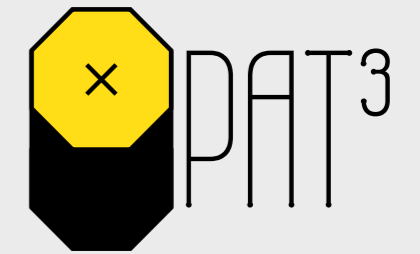
## **STAND ALONE SYSTEM**

**CONTINUOUS H24 PURE AIR & PERIODICALLY SANITIZED SURFACES, AUTOMATIC  
& AUTONOMOUS, WITHOUT MODIFYING YOUR EXISTING PLANT**



Medical device class I  
reg. al Ministero della Salute  
n. 2046902 PAT<sup>3</sup> 150  
n. 2046877 PAT<sup>3</sup> 80

patent pending



## TRIPLE TECHNOLOGY KILLS 99,9% OF VIRUSES & BACTERIA IN CONTINUUM

CONTINUOUS PURE AIR H24 & PERIODICALLY SANITIZED SURFACES, AUTOMATIC & AUTONOMOUS, WITHOUT MODIFYING YOUR EXISTENT PLANT.

### HOW DOES IT WORK?

PAT3 uses the combination of the 3 technologies currently recognized as effective to combat the spread of the pandemic and to improve the Indoor Air Quality in absolute terms.

PAT3 works according to the highest health standard and security protocols. It can be customized to the specific needs of various different professions and activities.

**PAT3 > Third power technology**



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**KILLS VIRUSES & BACTERIA 24/7**  
**99,9%**

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# PURIFYING AMBIENT TOTEM

## WHY PAT3

- ✓ The Sars Covid-19 pandemic is going to modify for a long period the behaviors we are used to. All the indoor environments in which we spend most of our life must be protected from potential contamination generated by building occupants.
- ✓ The current state of emergency has paid attention to an often neglected essential subject: the IAQ Indoor Air Quality, that is the quality of the air in confined spaces, the same air that we breath for 90% of time during our day..
- ✓ **PAT3 is THE solution. Highly accurate and intuitive device to be used in all the environments, independently from the existent plants and their scope.**

### M150

- ✓ SANITIZATION (H<sub>2</sub>O<sub>2</sub>) + DISINFECTION (PCO)
- ✓ DIMENSIONS: Ø 62 CM H 172
- ✓ MAX AIR FLOW 1.500 M<sup>3</sup>/H
- ✓ PRECESS TRACEABILITY (DATA LOGGER)
- ✓ PROGRAMMABLE
- ✓ AUTOMATIC
- ✓ POWERED BY 110V/1/60
- ✓ STAND ALONE ON WHEELS
- ✓ TAILER-MADE AS OPTION

### M80

- ✓ SANITIZATION (H<sub>2</sub>O<sub>2</sub>) + DISINFECTION (PCO)
- ✓ DIMENSIONS: Ø 56 CM H 157
- ✓ MAX AIR FLOW 800 M<sup>3</sup>/H
- ✓ PRECESS TRACEABILITY (DATA LOGGER)
- ✓ PROGRAMMABLE
- ✓ AUTOMATIC
- ✓ POWERED BY 110V/1/60
- ✓ STAND ALONE ON WHEELS
- ✓ TAILER-MADE AS OPTION

*...we are concerned by the quality of 3kg of food we eat every day and we ignore the quality of 18kg of air that we breath the same day!*

## PROJECT'S PARTNERS



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Ditta E. Lossa srl (since 1870)



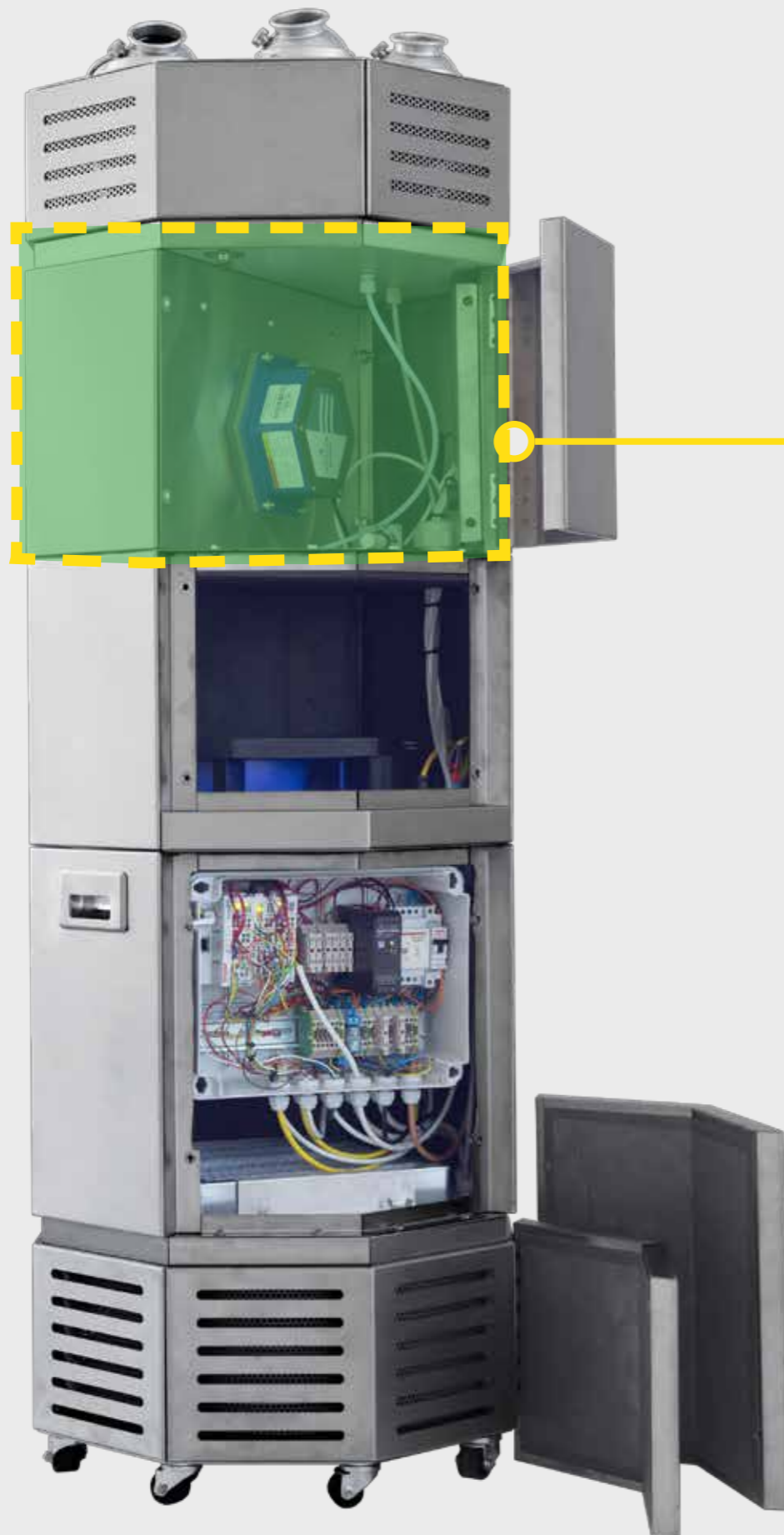
IRICO Impianti srl (since 1956)



Dimensione Service Dimensione Service srl (since 2011)



**THREE TECHNOLOGIES IN ONE PRODUCT**



## PCO

Continuous treatment of the environment thanks to the Photocatalytic Oxidation (PCO), a technology validated by NASA since the 90' to sanitize the environments during space missions.

The PCO is the best available solution for the sanitization in continuum. It follows a natural process: the combined action of UV-C rays, umidity and titanium dioxide, generates oxidizing ions able to kill viruses, bacteria, mold, PM2.5, PM10, allergens, smell in the air and on the surfaces, as per FDA certification.

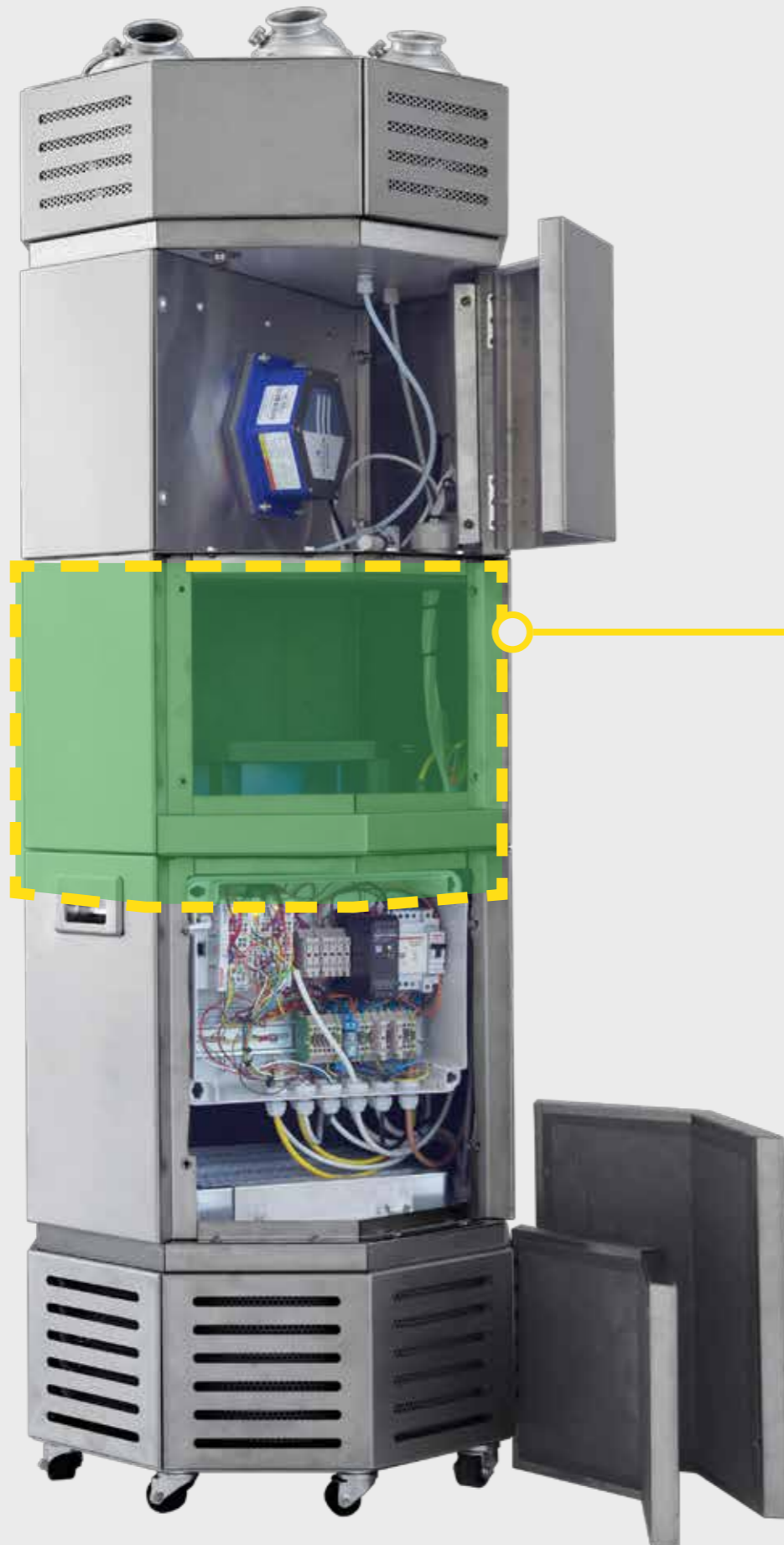
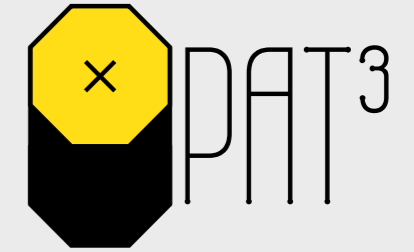
*Technology used in aerospace field.*

**The quality of 5 certificates and 250 years of experience in a single product**



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## DRY FOG

Shock treatment obtained thanks to the oxidizing and sanitizing action of the hydroxyl radicals that is effective both in the environment and on the surfaces, as per the most recommended world health authorities protocols.

The programmable saturation of spaces with hydrogen peroxide vaporized (VHP) neutralize microorganisms (viruses, bacteria, spores, molds).

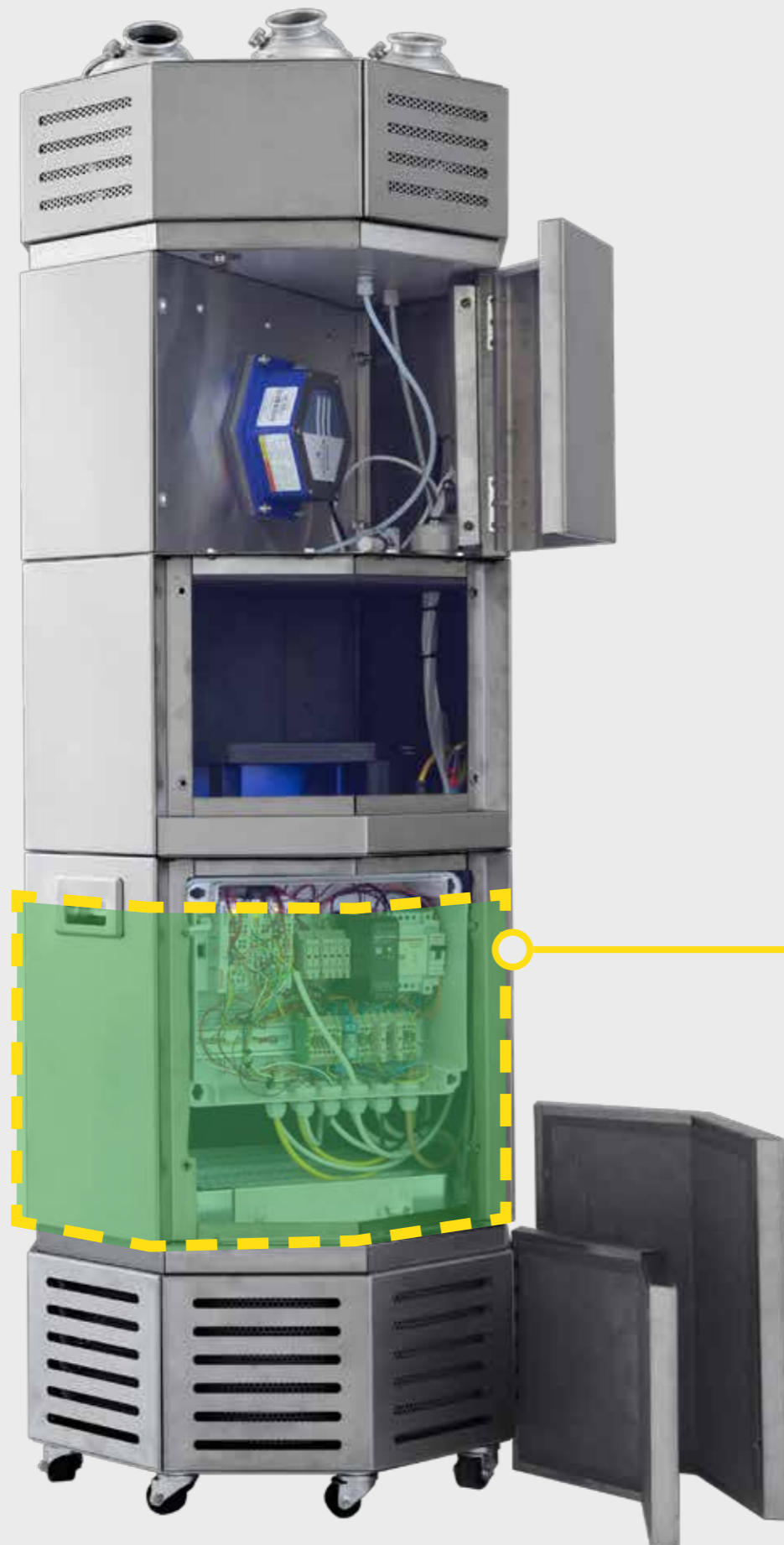
The technology guarantee the decontamination of all surfaces, even the most difficult to access, with an efficacy tested up to 24h.

*The best technology adopted by the hospital field.*

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## AIR

The technique of air treatment in its most advanced development and the case studies managed in decades of experience are the available common assets from the partners of this venture.

This experience is integrated with the most effective purification and sanitation technologies currently available on the market.

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# PAT3



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