



noven  
By JVD

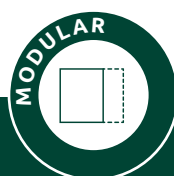
# Drying, disinfecting and decontamination solution for fire-fighters

## ✓ HUMAN CAPITAL

- Strengthen occupational disease prevention systems (cancer, bacterial/viral infections, etc.)
- Improve safety and well-being at work
- Contribute to the comfort of teams (increased motivation)

## ✓ ECONOMIC AND SUSTAINABLE

- Maintain the life and comfort of Equipment
- Optimise equipment maintenance costs
- Waterless and no programmed obsolescence

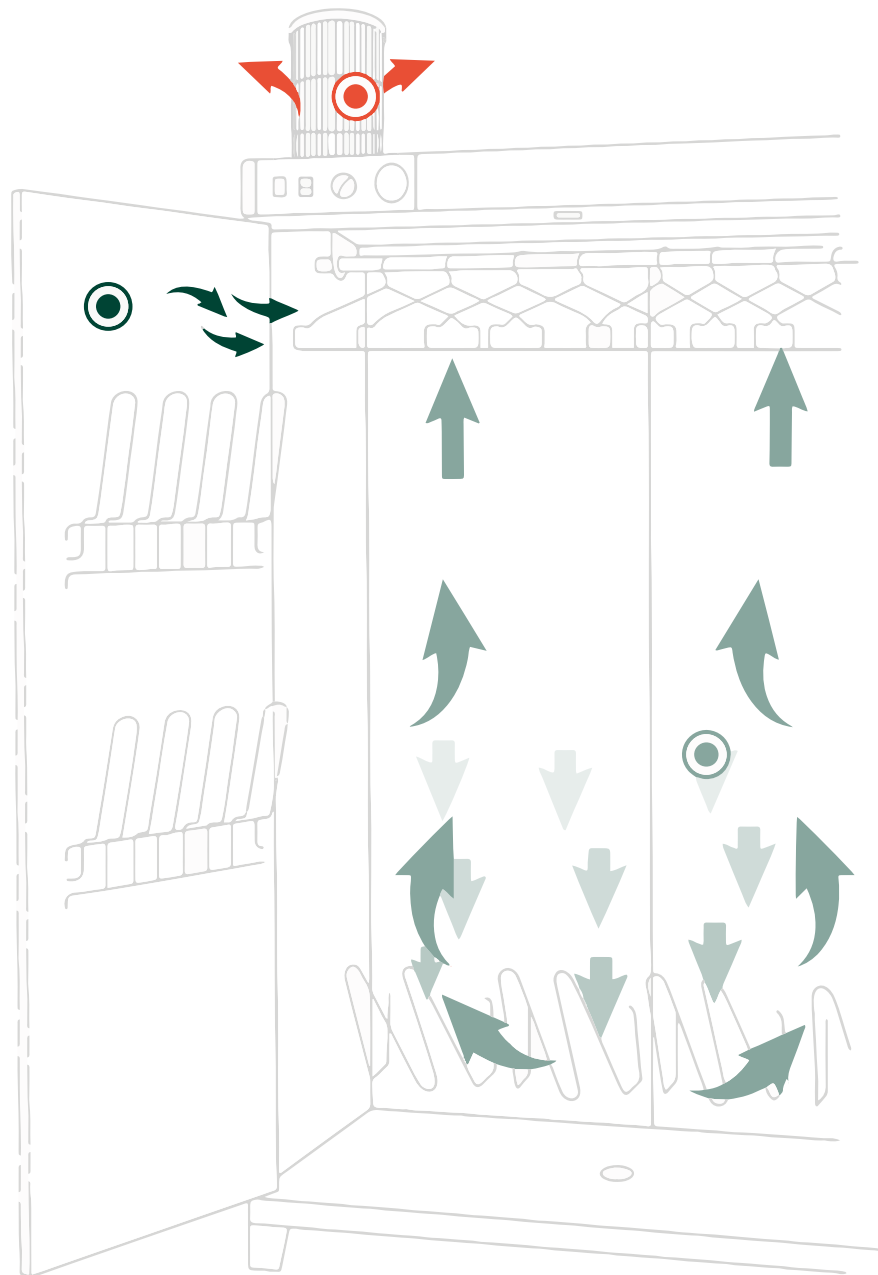
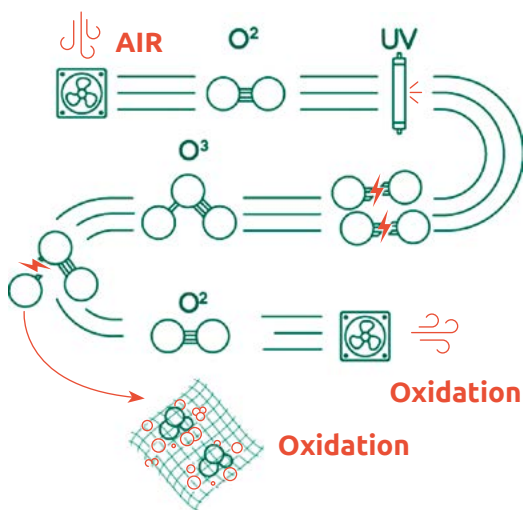


# Operating principle

A technology based on a combination of ozone, temperature and treatment time.

- ✓ Can be used in any space. Optimum efficiency thanks to proprietary air recirculation systems.
- ✓ Ozone ( $O_3$ ) is a powerful oxidizing agent. During the cycle, it destroys mold, bacteria, viruses and pollutants.

PATENTED SINCE 2020



## STEP 1

Oxygen  $O_2$  passes in front of the UV lamp and splits into 2 oxygen atoms.

## STEP 2

The oxygen atom  $O$  combines with an  $O_2$  molecule to form ozone  $O_3$ .

## STEP 3

Ozone  $O_3$  splits to reform oxygen  $O_2$  and the extra oxygen atoms  $O$  attach themselves to bacteria, mold... to break down their structure, destroying bacteria and eliminating odors.

- 🕒 Hot air circulation
- 🎯 Low air exhaust to the outside
- 🕒 Outside air suction

# Our product range



## AR120 HAP

With a width of 120 cm, this device has been developed and designed for 4 complete outfits. It is supplied with 8 hangers, 8 shoe holders and 4 glove holders.

The AR120 HAP is equipped with a grid for drying SCBA masks and disinfecting helmets.

### ✓ Results

- PAH decontamination tests carried out with IFTH (Institut Français du Textile et de l'Habillement)
- Bacteriological tests carried out by the Laboratoire de l'Environnement et de l'Alimentation de Vendée
- Virological tests carried out by the VirHealth laboratory

	AR120 HAP
DIMENSIONS	H 198 (excluding filter), 222 (with filter)
WEIGHT	110 kg
POWER CONSUMPTION	ECO 1 000 W BOOST 2 000 W
SUPPLY VOLTAGE	220 V 10-16 A
DRYING SYSTEM	Recirculating air drying system Patented system
MATERIALS	Folded electrogalvanized steel sheets, thickness 0.8 mm with leather-grain paint finish
DRYING CAPACITY	4 complete outfits (4 pairs of gloves, 4 pairs of boots, 4 jackets and 4 overtrousers)
HYGIENE FUNCTION (ozone)	UV germicidal lamp with ozone formation Active anti-odor treatment Disinfectant and depolluting action O3 emission with extraction and charcoal filter. Power 7 W
SPECIFICITIES	Open & Stop system. Automatic drying cycle stop when doors are opened. Extraction with charcoal filter. Key-operated lock. Delay start timer. Double thermostat. Safety system Cabinet base designed for water recovery.
ACCESSORIES INCLUDED	1 stainless steel wardrobe rail. 4 holders for 2 pairs of gloves. 8 holders for one pair of shoes/boots. 1 accessory grid. 1 specific carbon filter. Options : intermediate wardrobe support, accessory grids, additional carbon filter.



A fast,  
high-performance 45-min  
**CYCLE**



Anti-odor **TREATMENT**,  
disinfectant & PAH  
decontamination



**SYSTEM**  
Open & Stop



Quick & easy  
**MAINTENANCE**



2 Eco & Boost  
**POWER**



Robust **DESIGN AND  
MANUFACTURING**



# Our partners in Europe and around the world



## INNOVATION AWARDED

SDIS 85 wins the prize  
for innovation in operations  
and/or technology with the  
NOVVEN by JVD solution



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