

**noven**  
By JVD

# Drying, disinfecting and decontamination solution for food industry clothing and equipment

## Unique disinfection system for all materials <sup>(1)</sup> in 45 min

- ✓ High virucidal, bactericidal and fungicidal disinfection power
- ✓ Performance validated by independent laboratories
- ✓ Elimination of cross-contamination in line with IFS requirements

 **DURABLE**



Eco-responsible solution



Waterless



Chemical-free



Made in France

## FOR WELL-BEING AT WORK

→ Refocusing teams on their core business : **production**

### BENEFITS



Reduced costs for disinfectants and fluids



Reducing the frequency of replacement of PPE and small items of equipment



Productivity gains



Less exposure to hazardous products

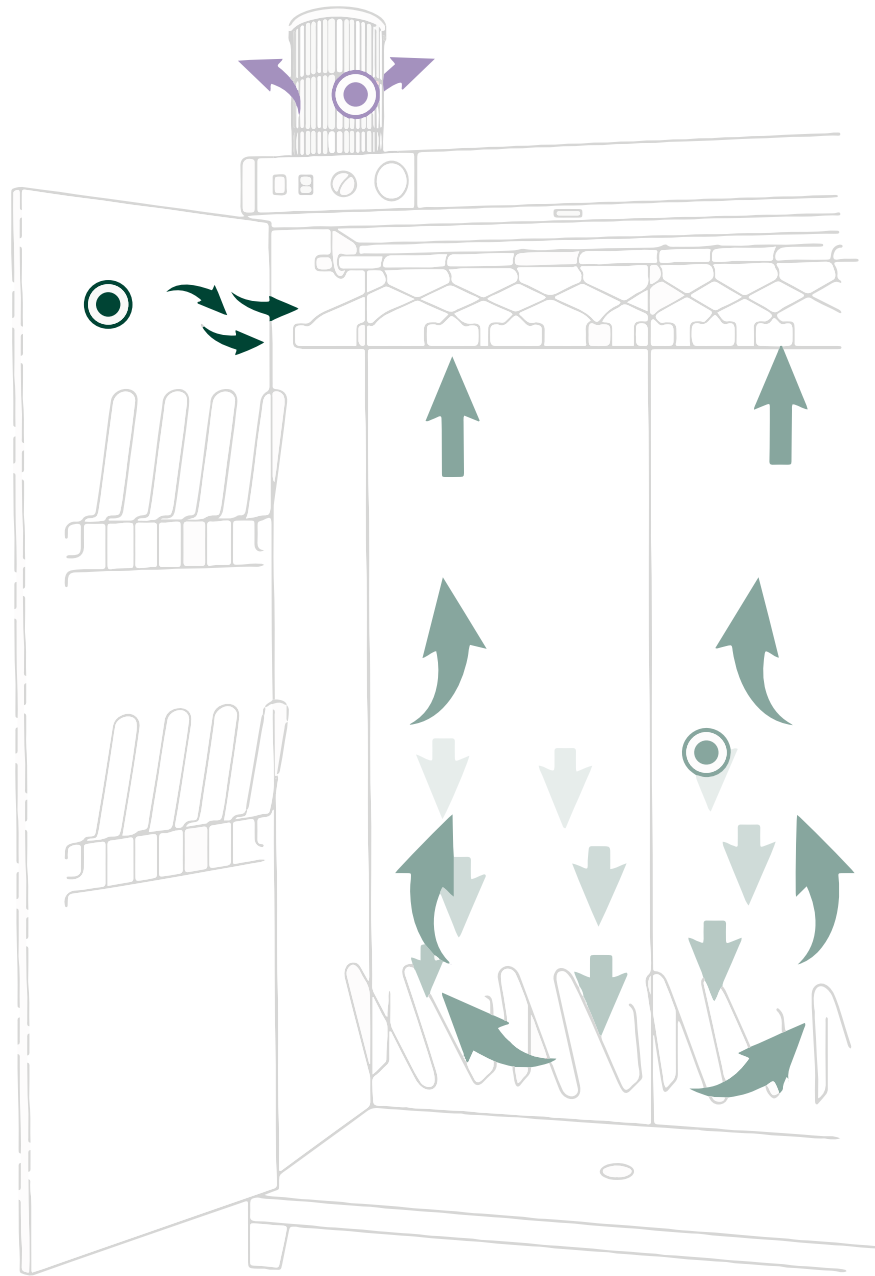
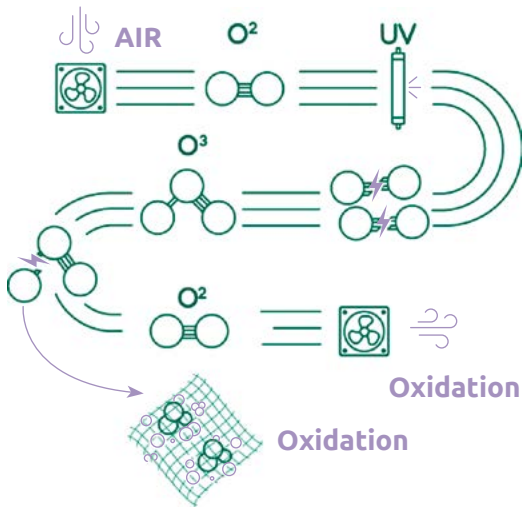
<sup>(1)</sup> Plastic, wood, cardboard, fabric... <sup>(2)</sup> Customers benchmark

# 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 expertise in disinfection




## TEST CONDUCTED ON


- ✓ **7 microbial strains and pathogens** causing food poisoning and nosocomial infections (E.Coli, Staphylococcus. Aureus, Listeria, C.Albicans, Salmonella...)
- ✓ **3 viral strains**
  - **Vaccinia virus** : enveloped virus representative of vaccinia
  - **Murine norovirus** : naked virus representative of gastroenteritis viruses
  - **HCoV-229E** : human coronavirus




99,99%  
**bacteria reduction\***



99,99%  
**virus reduction\***



99,99%  
**mold reduction\***

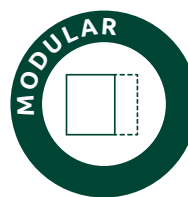


Anti-odor and disinfectant  
**treatment**

\* Tests carried out by the Vendée Environment and Food Laboratory and the Virhealth Laboratory.

## Our products

	AR60	AR120
DIMENSIONS	W 60 x H 198 x D 60 cm (excluding filter)	W 120 x H 198 x D 60 cm (excluding filter)
WEIGHT	70 kg	110 kg
POWER CONSUMPTION	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	
HYGIENE FUNCTION (ozone)	UV germicidal ozone lamp, power 7 W Active anti-odor treatment Disinfectant action O <sup>3</sup> emission with extraction and carbon filter	
SPECIFICITIES	Drying cycle stops automatically when doors are opened Extraction with charcoal filter Key-operated lock Delayed start and end timer Double safety thermostat	



# Our partners in Europe and around the world



## Our partners



## They trust us



3, rue des Brèches  
44406 Rezé Cedex  
+33(0)7 57 10 27 37  
contact@jvd.fr  
jvd.fr/novven

