



HYGIENIC  
AIR QUALITY EXPERT



ISOLATION  
**DOPair**

MOBILE PROTECTIVE ROOM FOR IMMUNO-COMPROMISED PATIENTS

# ISOLATION **DOP**air<sup>®</sup>

MOBILE PROTECTIVE ROOM FOR IMMUNO-COMPROMISED PATIENTS



## GENERAL PRESENTATION

In order to go further on immuno-compromised patients care, (burnwards, etc...), ATA developed a protective solution for the patient as a « room in the room » : the DOPAIR Isolation©.

The DOPAIR© Isolation is a mobile protective room for immuno-compromised patient tanks to its positive pressure.

The installation time that requires only 30 to 45 minutes, providing a quick and flexible use on site, but also, an easy access for the medical staff.

Thanks to its PVC panels in cristal 50/100, easily cleanable, offers a large protected area to the patient and reduce the anxiety related to confinement.

Its LED TV 28' with remote control, and the integrated LED lighting system, provide also all the necessary comfort for the patient well-being.

The DOPAIR and mobile protective tent combining fully complies with a ISO 5 inside the protected area, and an ISO 7 outside the tent. The maximum protection of the patient is therefore maintained despite the high contamination risks of the external environment.

# SCHEMATIC VIEW

Connection possible to DOPAIR via textile duct on 4 sides.

Air diffusion via micro perforated textile duct ½ circular in white polyester canvas with anti-bacterial treatment 160gr/m2

Room DOPAIR mobile handling unit

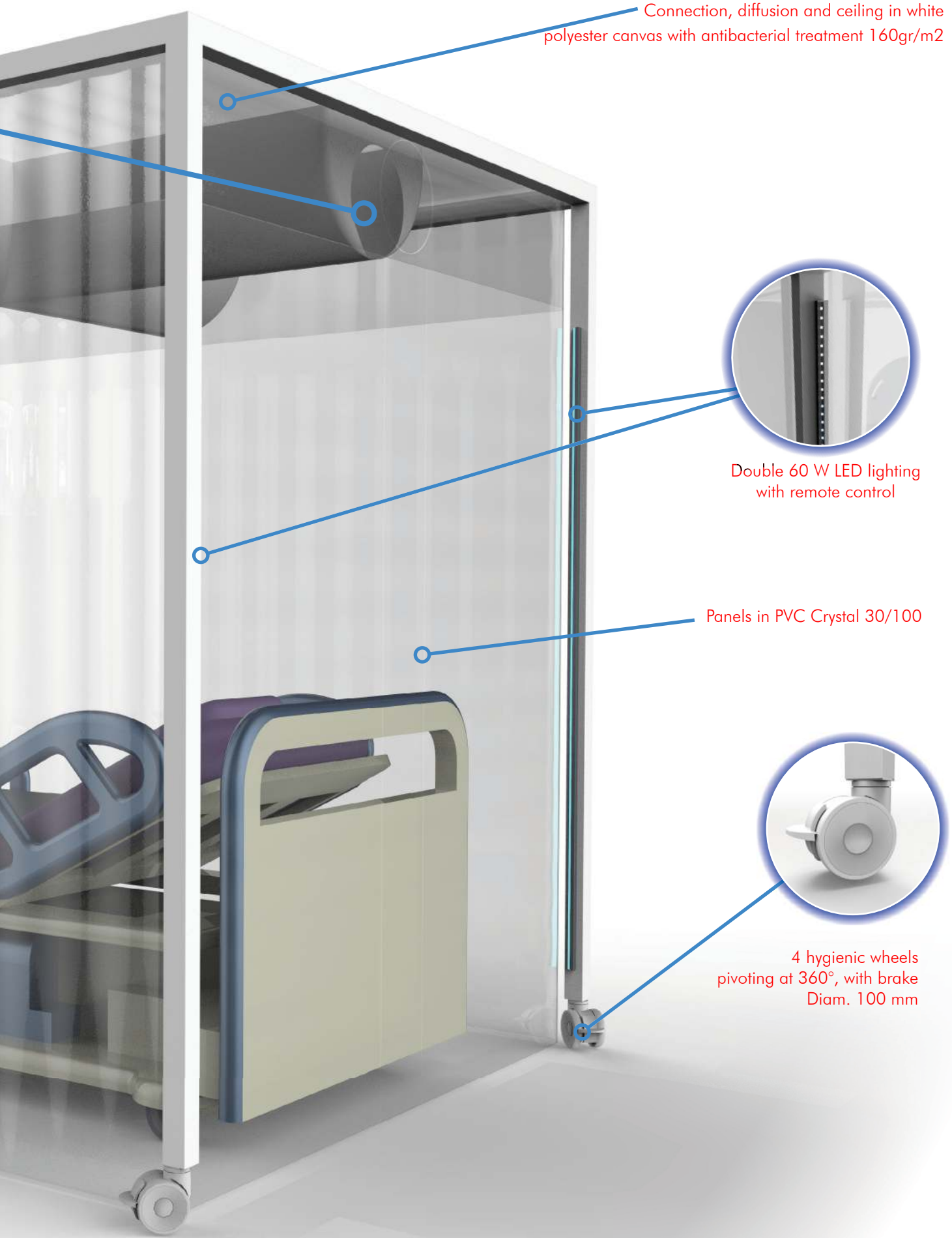
LED TV up to 28" with remote control

Aluminium structure 50 x 50 mm  
White Epoxy paint.

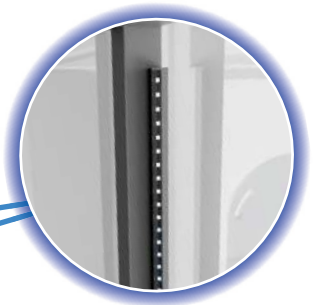


Size (Room DOPAIR model): 3050 x 1900 x 2240mm

Size (DOPAIR model): 3225 x 1900 x 2240mm



Connection, diffusion and ceiling in white polyester canvas with antibacterial treatment 160gr/m2



Double 60 W LED lighting with remote control

Panels in PVC Crystal 30/100



4 hygienic wheels pivoting at 360°, with brake  
Diam. 100 mm

# EXPECTED PERFORMANCES



- Plug & Play System



- Microbiological reduction: up to 99.999% in a single pass



- Bactericidal, virucidal, fungicidal (including spores) actions and molecular decontamination



- Device capable of running 24/24 hrs, 7/7 days



- Mobile



- Easy to move by a single person

**SUPPLIED & TREATED AIR**

Isolation DOPAIR results from the combination of DOPAIR and a mobile protective tent.

The full range of DOPAIR mobile air decontamination units doesn't need any installation work to meet the requirement regarding air treatment in critical areas of hospitals.

DOPAIR range reduces/eradicates air borne microbes with its unique bactericidal, fungicidal and virucidal activity. It also removes the particles from the air.



**ISO 7**  
in the room

**ISO 5**  
POSITIVE  
PRESSURE



### TECHNICAL CHARACTERISTICS

AIR FLOW RATE	500 m <sup>3</sup> /h (night) à 1100 m <sup>3</sup> /h (day)
AIR CHANGE RATE UNDER DOPAIR ISOLATION	50 to 110 vol/h
VOLUME INSIDE DOPAIR ISOLATION	approx. 10m <sup>3</sup>
JUNCTION DOPAIR > DOPAIR ISOLATION	Adaptation plenum + circular textile duct Ø 250mm
AIR DIFFUSION	Perforated textile duct - 1/2 circular 450x300mm - 160g/m <sup>2</sup>
STRUCTURE DOPAIR	Galvanised steel Double skin panels 25mm with white epoxy
ISOLATION DOPAIR STRUCTURE	Galvanised steel with white epoxy 50x50mm
ISOLATION PANELS	PVC crystal transparent ep30/100
INSIDE LIGHTING	Integrated LED ribbon power 12W/m, Luminosity 800lm/m
INTERNAL DIMENSIONS	2235x1800x2150mm H
EXTERNAL DIMENSIONS	2450x1900x2250mm H
DIMENSIONS DOPAIR	690 x 730 x 1838 mm
WEIGHT DOPAIR ISOLATION	65Kg
WEIGHT DOPAIR	150Kg
ELECTRICAL POWER	2 x 230V 50 Hz

## PRODUCT RANGE



### **MEDICAL MOBILE DEVICES FOR AIR PURIFICATION AND DECONTAMINATION IN HOSPITALS' RISK AREAS**

OPERATIONAL IMMEDIATELY AND COMPLETELY SILENT, THEY CAN ACHIEVE PERFORMANCE REQUIRED FOR ISO6 ZONES (MINIMUM 25 AIR CHANGES PER HOUR), ISO 7 (MINIMUM 15 AIR CHANGES PER HOUR) AND ISO 8 (NF ISO 14644-1).

### **TECHNICAL SOLUTIONS FOR AIR TREATMENT AND AIR HYGIENE CLINICAIR® VERTICAL OR HORIZONTAL TYPE AND PRECISION AIR HANDLING UNITS**

- AIR QUALITY IN TERMS OF DUST CLASS ( ISO5/7/8)
- BACTÉRIOLOGICAL CLASS
- TEMPERATURE
- HYGROMETRY
- PRESSURE AVAILABLE

CHASSIS T2/TB1, EN 1886.

### **LAMINAR AIR FLOW CEILING (SIMPLE/DOUBLE FLOW) OPERATING LED LIGHTS RANGE: 160.000 LUX + 130.000 LUX**



Distributor

Adresse

Manufacturer:

ATA  
16 rue Jules Verne  
44700 Orvault FRANCE  
T: +33 (0) 2 40 92 03 00  
F: +33 (0) 2 40 92 08 22  
contact@ata-medical.com



[www.ata-medical.com](http://www.ata-medical.com)



CERTIFICATION ISO 9001  
DEPUIS 2004