

R4000



HEALTHCARE AND HOSPITALS:

- Operation blocks
- Resuscitation
- Hospitalisation
- Pharmacy
- Sterilisation
- Radiology
- Laboratory



Particulate cleanliness class: **ISO 7**
 Particles elimination kinetics: **CP10**
 Microbiological cleanliness class: **M10**
 Air change rate: **15 vol/h**
 Differential pressure: **15 Pa + or - 5 Pa**
 Unidirectional or no unidirectional air flow



Particulate cleanliness class: **ISO 8**
 Particles elimination kinetics: **CP20**
 Microbiological cleanliness class: **M100**
 Air change rate: **10 vol/h**
 Differential pressure: **15 Pa + or - 5 Pa**
 No unidirectional air flow

Mobile Air decontamination unit



OTHER SECTORS:

- Clean room
- Industrial sector
- Childcare
- Retirement homes
- Food industry
- Living working spaces
- Agribusiness
- Livestock farming

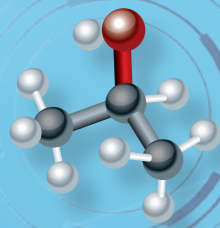


i D L w i D — design.fr



- Easy to set-up
- Very silent
- Flow rate up to 4000 m³/h
- 2 versions: Premium / COV
- Options:
 - Over-pressure kit
 - Negative pressure kit

Chemical risks



Formaldehyde, Acetaldehyde, ...
 Peracetic acid, Acetic acid, ...
 Xylenes, Toluene, Benzene, ...
 Isopropanol, Ethanol, Methanol, ...

Anatomopathology
 Endoscopes sterilisation
 Anaesthetic gas
 Other chemical risks



EN 1886



NF B44-200

BPPH
BPP



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ISO 14644
ISO 14698

Description

- Destruction of contaminants via Non-Thermal Catalysis
- Compliance zone 3 and zone 2 (ISO7 and ISO 8)
- Treatment of surface from 20 to 150 m²
- Maintenance in about 10 min
- Easy bio-cleaning
- Incinerable filters
- Very silent

Technical specifications

- Air flow: from 800 to 4000 m³/h
- Pressure available: 450 Pa
- Volume of the zone to be treated: from 50 to 400 m³
- Panelling double skin thickness 40 mm
Stainless steel painted RAL 9010
- Noise insulation in rock wool 90 kg/m³
- Motorised impellers with electronic commutation (EC) and dedicated pressure sensor
- Constant air flow control according to filters cleanliness level
- Pre-filter G4 and thin filter F8 mounted on rails
- Terminal H14 filtration with tightening cam and pressure switch

Acoustic

- Work zone
- Circulation, Storage
- Surgery room, Laboratory, Pharmacy
- Patient room (day), Treatment area, Sterilisation, Radiology
- Patient room (night)

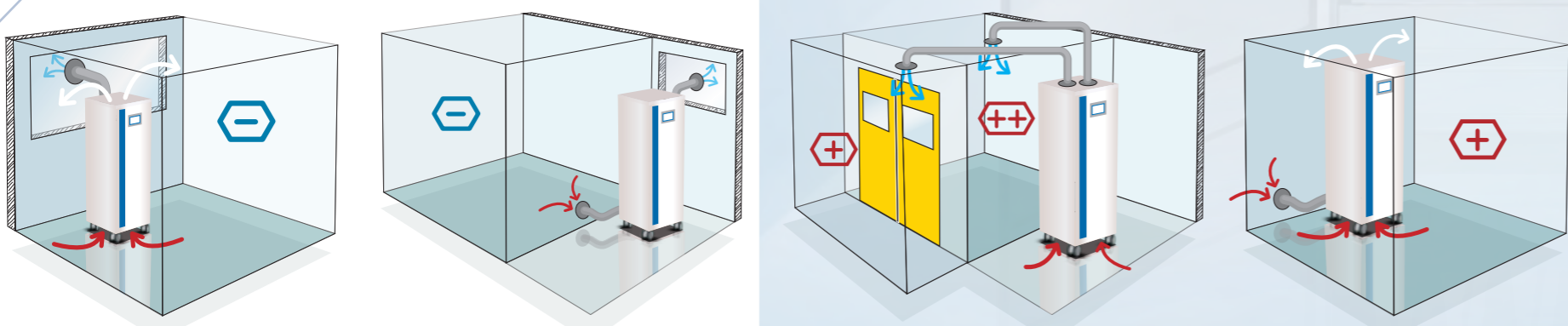
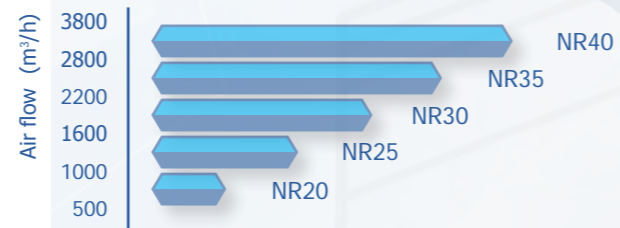


User interface
Compression locking system
Seals
Insulating panel
Key-lock mechanism

Supply grill with cooling fin
Management controller
Terminal filter H14 or U15
Clamp with internal cam
Adsorbent filter (voc)
Non-thermal Catalysis
Destruction of biological and chemical contaminants
Mototurbine EC
Pressure probes, T°C, hygrometry
Filter fin F8
Prefilter G4
Antimark wheels equipped with brakes

	Version	Premium	VOC*
	Mobile	•	•
Connection possibility		•	•
Alarms		•	•
Over-pressure / Under-pressure (option)		•	•
Maintenance contract		•	•
Connection to Building Management System / Centralised Technical Management System		•	•
Data registration		•	•
Removable touch-screen		•	•
Treatment of chemical gas pollutants			•

* Organic acids (Peracetic acid, ...), aldehydes (Formaldehyde, Acetaldehyde, ...), alcohols (Isopropanol, Ethanol, Methanol, ...), aromatic substances (Xylenes, ...)



	Qty	Dimensions (W. x D. x H.)	Repl.
R4000	1	700 x 850 x 1940 mm	
Pre-filter G4 (mounted on rails)	1	592 x 592 x 48 mm	6 months
Thin filter F8 (mounted on rails)	1	592 x 592 x 96 mm	12 months
Terminal filter H14 or U15 (Tightening per cam)	1	610 x 610 x 292 mm	36 months
Athermic Catalyst	1	563 x 590 x 24 mm	36 months
UV lamps	4 to 8	from 200 to 800 W depending upon environment	12 months
Motor impeller	1	from 40 to 1400 W depending upon air flow rate	
Power supply		210 – 240 V, 50 Hz, single-phase	
Weight		280 kg (equipped with filters)	