



Edición 10 / 2021

DOPair® 1000

Unidad móvil de purificación de aire



Le **DOPAIR® 1000** es un dispositivo móvil de descontaminación y purificación de aire de zonas



Fruto de 35 años de experiencia en el tratamiento d'expertise en el tratamiento higiénico del aire, **DOPAIR® 1000** permite controlar **los riesgos de transmisión por vía aeréo** y cumplir con los objetivos requeridos en términos de zonas de riesgo 2 y 3 según la norma **NFS 90-351**.



Probado en laboratorio independiente en condiciones reales de funcionamiento, el **DOPAIR® 1000 asegura** una descontaminación completa del aire y las superficies.



MICRO-ORGANISMOS

Eliminación de virus, bacterias y otros microorganismos
(> 99,9 %)



CONTAMINANTES MOLECULARES

Destrucción de los olores,
COV y otros contaminantes moleculares



PARTÍCULAS

Filtración de partículas finas
conforme a la clasificación
ISO 7 e ISO 8



PLUG & PLAY

se conecta mediante un
enchufe estándar



CAUDAL

Alto caudal de hasta
1000 m³/h



SILENCIOSO

Silenciador solamente
44 dBA a 500 m³/h



CONECTIVIDAD

La App ATA Control permite
gestionar a distancia la unidad y su
configuración



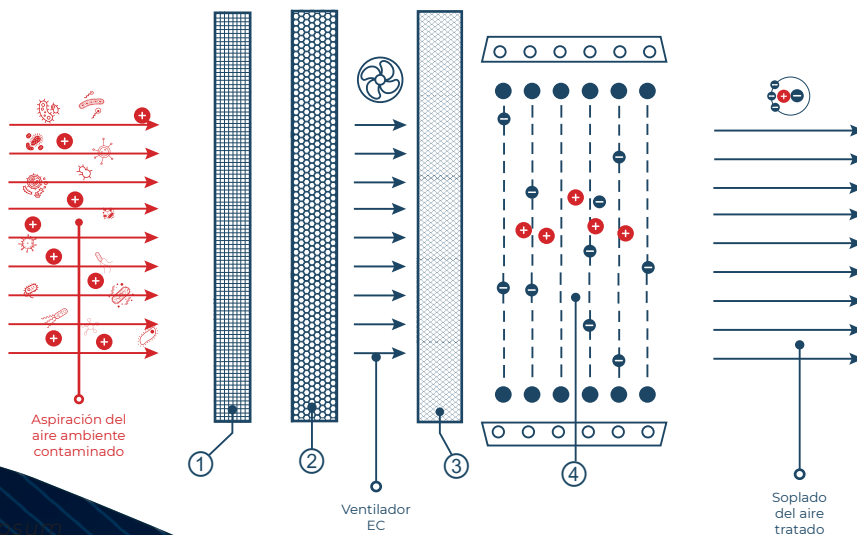
GESTIÓN Y TRAZABILIDAD

Gestión y trazabilidad, historial de uso ,
y almacenamiento seguro de los datos
de la integridad del parque de máquinas
mediante plataforma online



MÓVIL

fácil de desplazar gracias a sus
4 ruedas (360°)



PRINCIPIO DE FUNCIONAMIENTO

- 1 **Prefiltro lavable** y reutilizable, que evita un desgaste prematuro por obturación de los filtros, mediante un prefiltrado de grandes partículas y polvo.
- 2 **Filtro de carbón activo**, que captura los COV, otros gases y malos olores.
- 3 **Filtro HEPA 14***: que asegura un filtrado superior al 99,995 % de partículas virales, inertes y bacterianas.
- 4 **Descontaminación Bioxigen** : activable / desactivable manualmente, tecnología patentada que asegura una descontaminación fiable de bacterias, virus, olores y COV tanto en el aire como en superficies.

*normes EN779 : 2012, ISO 16-890 et EN1822

CARACTERÍSTICAS TÉCNICAS

Caudal de aire	160-1000 m ³ /h
Nivel sonoro à 2 m	160 m ³ /h - 34 dBA 350 m ³ /h - 39 dBA 500 m ³ /h - 44 dBA 780 m ³ /h - 49 dBA 1000 m ³ /h - 58 dBA
Aplicacion ATA CONTROL	Permite controlar de forma remota uno o varios dispositivos y realizar un seguimiento de los valores.
Plataforma online	Permite un seguimiento y guardar un historial de manera segura de los datos de todo el parque de maquinas
Difusion de aire	Aspiracion por la parte inferior y soplado por la parte superior
Sistema de filtrado	Prefiltro + Carbon activo + H14
Sistema de descontamination	Bioxigen
Dimensiones	L 450 x l 450 x H 1000 mm
Peso	30 kg
Alimentacion	Mono 230 V / 50 - 60 Hz
Control	pantalla tactil de 4 pulgadas
Lenguajes de la interfaz	Frances, inglés
Conectividad	Bluetooth y Wifi
Programacion	4 modos de funcionamiento y programacion horaria (auto/manual/noche/programado)



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DOPair[®] —2000

Mobile Air Purification Unit



DOPAIR® 2000 is a mobile device for air purification in hazardous areas in a hospital environment.



The result of **35 years of expertise** in hygienic air treatment, **DOPAIR® 2000** helps to control airborne transmission risks and achieve the required performance for **risk areas 2 and 3** according to french hospital standard **NFS 90-351 (ISO 8 and ISO 7** according to international standard **ISO 14-644)**



Tested in an independent laboratory and in real-life situations, **DOPAIR® 2000** ensures **complete purification of air and surfaces.**



MICRO-ORGANISMS

Elimination of viruses, bacteria and other microorganisms > 99.9%



BACTERIA

Destruction of odors, coronavirus and other molecular pollutants



PARTICULATES

Fine particulate filtration according to classes ISO 6,7 and 8



PLUG & PLAY

Installation on a simple standard electrical outlet



EASY TO USE

Simple and intuitive operation with a large touch screen



FLOW RATE

Very high flow rate up to 2.000 m³/h



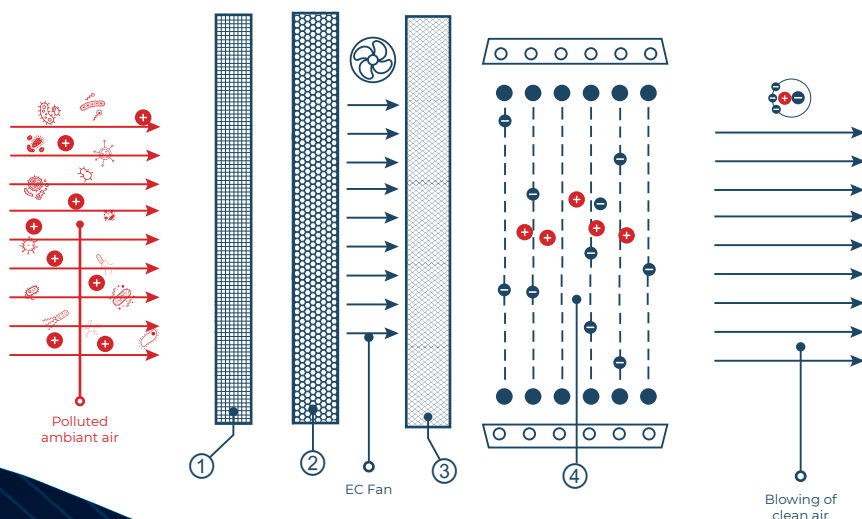
MANAGEMENT AND TRACEABILITY

Alarm tracking history



MOBILE

Easy mobility thanks to 4 multidirectional wheels, including 2 self blocking



OPERATING PRINCIPLE

- ① The G4 / ISO pre-filter > 90%* prevents premature clogging of subsequent filters by filtering dust and large particles.
- ② F7 / ISO ePM10 Pre-filter > 85%*
- ③ H14 HEPA Filter: Filters more than 99.995%* of particles, whether viral, bacterial or inert.
- ④ Bioxygen Decontamination Activated or deactivated at will, Bioxygen is a patented technology that ensures reliable decontamination of bacteria, viruses, odors and VOCs both in the air and on surfaces.

*EN779 standards: 2012, ISO 16-890 and EN1822

TECHNICAL CHARACTERISTICS

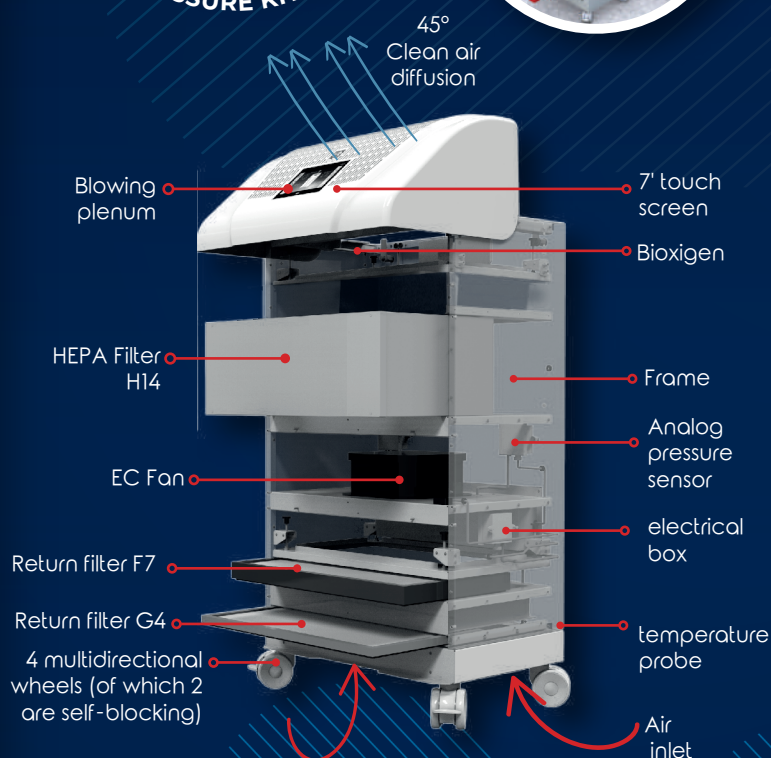
Air flow	600-2000 m ³ /h (with constant flow control)
Sound level at 2 m	600 m ³ /h - 37.3 dBA 800 m ³ /h - 41.6 dBA 1000 m ³ /h - 46.7 dBA 1400 m ³ /h - 55 dBA 2000 m ³ /h - 64.6 dBA
Air diffusion	Suction from below and diffusion from the top thanks to the Blowing plenum
System of filtration	G4 + F7 + H14 Intelligent control of fouling filters by pressure probe
System of Purification	Bioxygen
Size	L 747 x l 498 x H 1560 mm
Weight	100 Kg
Electrical Supply	Mono 230 V / 50 - 60 Hz
Control	7-inch touch screen
Interface languages	French, English
Connection	Possibility of having a remote connection thanks to the RJ45 socket
Programming	4 operating modes and hourly programming (day/night/auto/manual)
Probes OPTION	- Mixed probe (CO ₂ , VOC, Hr%) - PPM probe (particles counter)
OPTION	Active carbon filter (instead of H14)



NEGATIVE PRESSURE KIT OPTION



POSITIVE PRESSURE KIT OPTION



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DOPair® 3000

Mobile Air Purification Unit



DOPAIR® 3000 is a mobile device for purifying and decontaminating air in high-risk areas in hospitals.



The result of **35 years of expertise** in hygienic air treatment, **DOPAIR® 3000** helps to control airborne transmission risks and achieve the required performance for **risk areas 2 and 3** according to french hospital standard **NFS 90-351** (**ISO 8 and ISO 7** according to international standard **ISO 14-644**)



Tested in an independent laboratory and in real-life situations, **DOPAIR® 3000** ensures **complete purification of air and surfaces**.



MICRO-ORGANISMS

Elimination of viruses, bacteria and other microorganisms > 99.9%



MOLECULAR POLLUTANTS

Odor destruction, COV and other molecular pollutants



PARTICULATES

Fine particulate filtration according to classes ISO 6,7 and 8



PLUG & PLAY

Installation on a simple standard electrical outlet



FLOW RATE

Very high flowrate up to 3.000 m³/h



SILENCER

Ultra-silent only 42.5 dBA at 2.000 m³/h



EASY TO USE

Simple and intuitive operation with a large touch screen



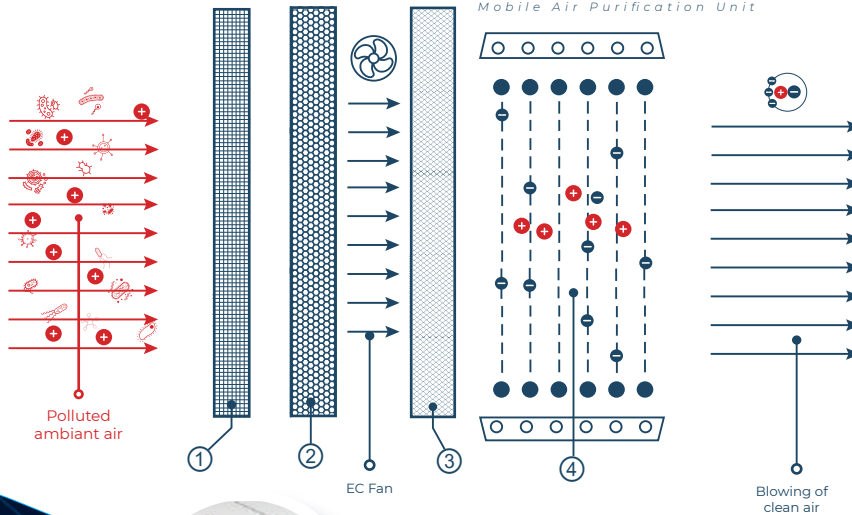
MANAGEMENT AND TRACEABILITY

Alarm tracking history



MOBILE

Easy mobility thanks to 2 handling handles and 4 multidirectional wheels including 2 self blocking



OPERATING PRINCIPLE

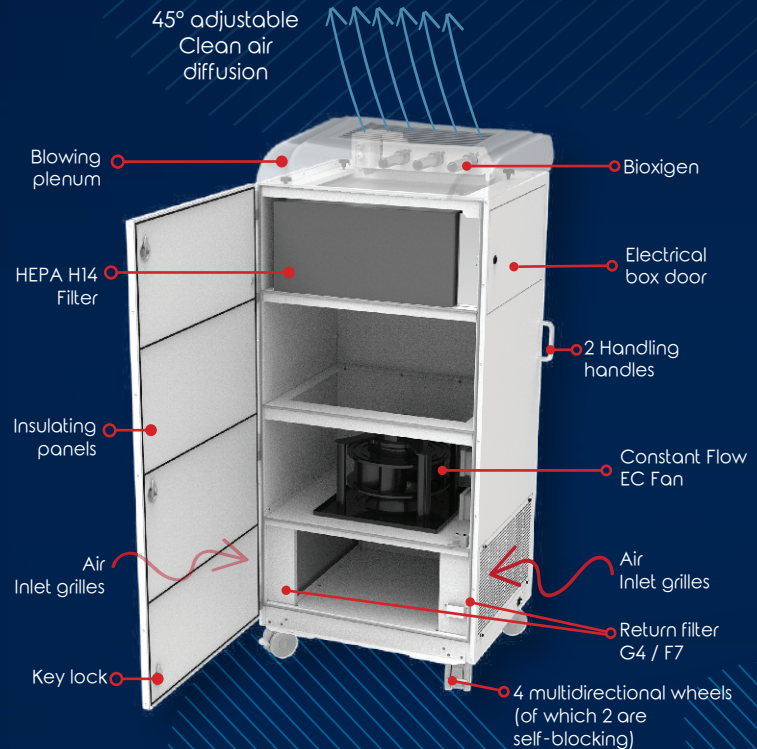
- ① The G4 / ISO pre-filter > 90%* prevents premature clogging of subsequent filters by filtering dust and large particles.
- ② F7 / ISO ePM10 Pre-filter > 85%*
- ③ H14 HEPA Filter: Filters more than 99.995%* of particles, whether viral, bacterial or inert.
- ④ Bioxygen Decontamination Activated or deactivated at will, Bioxygen is a patented technology that ensures reliable decontamination of bacteria, viruses, odors and VOCs both in the air and on surfaces.

*EN779 standards: 2012, ISO 16-890 and EN1822



TECHNICAL CHARACTERISTICS

Air flow	600-3000 m ³ /h (with constant flow control)
Sound level at 2 m	1000 m ³ /h - 33 dBA 1500 m ³ /h - 38,3 dBA 2000 m ³ /h - 42.5 dBA 2500 m ³ /h - 48.5 dBA 3000 m ³ /h - 53.5 dBA
Air diffusion	Lateral suction and diffusion from the top thanks to supply grille. The top grille is equipped with adjustable fins
System of filtration	2 x G4 + 2 x F7 + H14
Decontamination system	Bioxygen
Size	L 810* x l 725 x H 1840 mm * + 2 x 55 mm for handles
Weight	150 Kg
Electrical supply	Mono 230 V / 50 - 60 Hz
Control	7 Inch Touch Screen
Interface languages	French, English
Connection	Possibility of having a remote connection thanks to the RJ45 socket
Programming	4 operating modes and hourly programming (day/night/auto/manual)
Probes OPTION	- Mixed probe (CO ₂ , VOC, Hr%) - PPM probe (particle counter)
OPTION	Active carbon filter (instead of H14)



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CLINICAIR®

Hygienic air handling unit cabinet 1B



Hygienic Air Handling unit Cabinets CLINICAIR® 1B is a Plug & Play device designed to treat and guarantee air quality conditions in the operating room. It meets all the requirements of **Risk 2 to Risk 4 rooms according to NFS 90-351 (April 2013).**



SILENCER

Ergonomic design to confuse this technical object in a "clean" environment



QUALITY

Constructive principle to meet the expected performance of EN1886 (sealing, mechanical performance, etc.)



FRONT ACCESS

Cabinet designed for unrestricted maintenance and cleaning



ULTRACOMPACT

Ultra-compact cabinet that can be integrated into small spaces: operating theatre, technical room, corridor



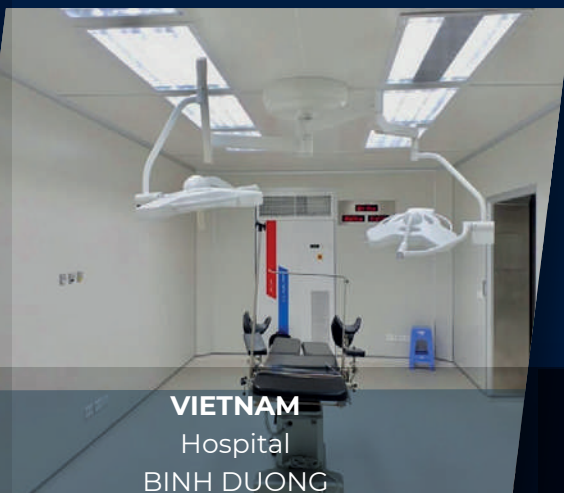
FLOW RATE

Flow rate up to 7000 m³/h in combination with Recycl'Air columns



ECONOMIC

Reduces construction, installation, operation and maintenance costs



VIETNAM
Hospital
BINH DUONG



PARIS
BLOMET Clinic
RAMSAY SANTE Group

OPERATING PRINCIPLE

- Clean air
- Return air
- Fresh air
- Extraction

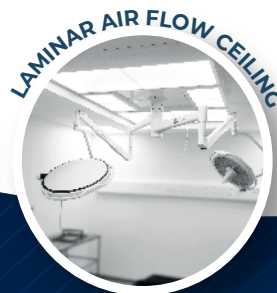


TECHNICAL CHARACTERISTICS

Air flow	CLN 1B alone up to 2500 m³/h With Recycl'Air up to 7000 m³/h
Size	Without Plenum L 1200 x I 700 x H 1950 mm With Plenum L 1200 x I 700 x H 2400 mm
Electrical box	three-phase power supply Tri 400 V + N + T / 50 Hz
Weight	500 Kg
Filtration	Recovery : G4 + F7 Blowing : F9 to H14
Decontamination system	Bioxigen® Technology
Cooling coil	Direct trigger version : 15 kW Ice water version : 12 kW
Heating Coil	3-stage electric version (9 kW) Hot water version (9 kW)
Fan	EC fan with flow maintenance depending on the fouling of the filters
Maintenance	front access
OPTIONS	• Blowing plenum • Flow ceiling unidirectional or hybrid • LED Plafond • Recovery columns • Recycl'Air Columns • In-room touch screen • Management platform and supervision medic@cloud • Extraction Box / New Air • Condensate pump • Sonde de pression salle

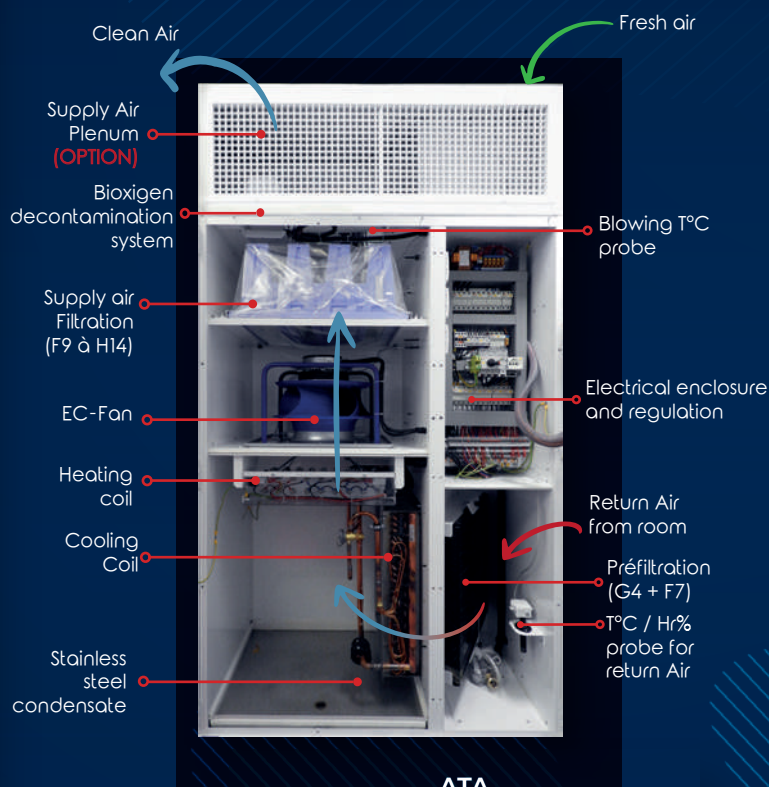


HYBRID CEILING



LAMINAR AIR FLOW CEILING

DETAILED DESCRIPTION



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