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CLINICAIR®

Hygienic air handling unit cabinet 3

The **CLINICAIR® 3** Air Treatment and Air Conditioning Hygiene Cabinet 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.)



TAILOR-MADE

Incorporates all necessary components for cooling by ice water or direct expansion, as well as electric heating or hot water.



ULTRACOMPACT

Ultra compact cabinet that can be integrated in small spaces: operating room, technical room, corridor...



FLOW RATE

Flow rate between 2000 and 20,000 m³/h



ECONOMIC

Reduces construction, installation, operation and maintenance costs



OPERATING PRINCIPLE

- Clean air
- Return air
- Fresh air
- Extraction

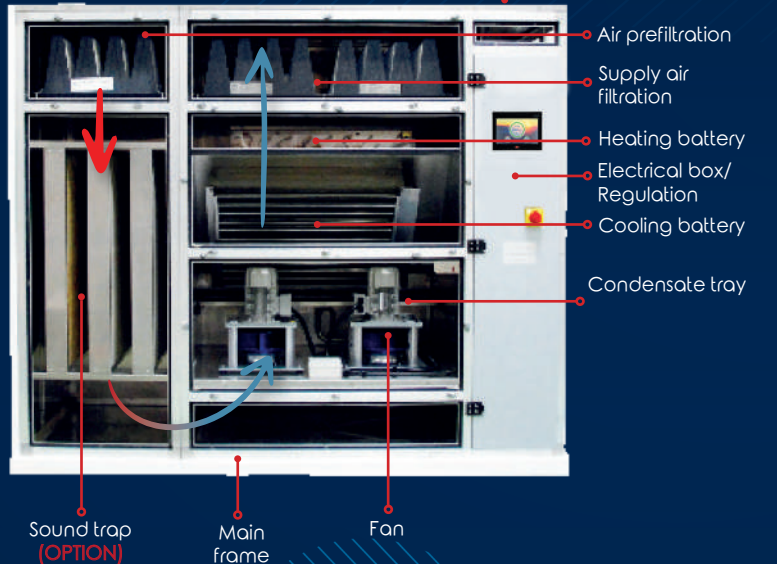


TECHNICAL CHARACTERISTICS

Air Flow	Top recovery and top blowing
Electrical box	Three-phase power supply Sort 400 V + N + T / 50 Hz
Filtration	Recovery : G4 + F7 Blowing : F9 to H14
Regulation	CAREL regulation in standard or other manufacturers on request
Cooling battery	Direct detent or ice water
Heating battery	Electric or hot water
Fan	Freewheel fan type EC with a maintenance of the flow according to the fouling of the filters
Screen	Control screen on the front
Maintenance	Front and side access
OPTIONS	<ul style="list-style-type: none"> • One-way or hybrid ceiling • Ceiling LED • Recovery columns • Recycl'Air Columns • Humidifier • Cover panels • Catch-and-blow traps • Preheating battery (hot or electric water) • Motorized air dampers. • Condensate lift pump. • Detection of the presence of water. • Low load loss polypropylene filters. • Management platform and supervision medic@cloud • Extraction Box / New Air • In-room pressure probe



DETAILED DESCRIPTION



MODELS

Weights and dimensions not contractual (for other dimensions, contact us)

Models	02 BD	03 BD	04 BD	06 BD	08 BD	12 BD	15 BD
Flow Range (m³/h) for 2.5 m/s	2000	2850	3450	5600	7100	9400	11600
Static pressure external (Pa)	600	600	600	600	600	600	600
Dimensions in mm (W x D x H)	1750x880x1995	2031x880x1995	2230x880x1995	2760x1090x1995	3250x1090x1995	3420x1340x1995	3820x1340x1995
Weight (kg)	750	800	850	1220	1340	1500	1680

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