

MCA® ISO 120 ISOLATION UNIT

TECHNICAL DATA

Production	A Belgian - Swiss Cooperation		Yes
	CE approved - ISO 9001 - ISO 14001 - Safety Class 1		Yes
Unit	Casing	White epoxy RAL 9010, anti bacterial standard (or stainless steel optional)	Yes
	Size	35 x 35 x 25 cm (w x h x d)	Yes
	Weight	15 kg (filter cartridge included)	Yes
	Electricity	220 - 240 V / 50 - 60 Hz / 35 to 80 Watts	Yes
	Installation	Wall or ceiling mounted - connection to existing ventilation system possible	Yes
	Operation	Remote control by key (only hospital staff operates system)	Yes
		4 speed levels - silent «night level» for patients	Yes
	Controls	Remote Control with 4 operational levels	Yes
	Clean air capacity	From 70 m ³ up to 135 m ³ / hour	Yes
	Area capacity	Built for area's up to approx. 15 m ² / 40 m ³ - patient isolation rooms	Yes
	Security	One way air-flow (no reverse air-flow possible when not operational!)	Yes
	Maintenance	None, except for changing filter cartridge 1x/year	Yes
	Guarantee	36 months (excl. Filter cartridge) with filter maintenance contract	Yes
Filter Cartridge	ULPA 15 Quality (3,7 m ²): 99,9995 % on 0.1 to 0.3 µm!, tested EN1822 MedicCleanAir filters have been tested up to 0.017 µm!		Yes
Extra	Remote control RC200 with permanent pressure (Pa) difference display (difference between the patient room and adjacent area = total security that the room is in pressure difference) Integrated security alarm in case pressure difference drops permanently after 60 seconds Integrated automatic features to maintain the pré-installed required pressure difference		Opt
	Additional F5 pre-filtration on the outside of the Unit to be changed every time patient changes (when patient changes - room is disinfected - pre-filter can be changed as well)		Opt
	Remote Control RC300 with connection to the servers via WIFI; overview of the performance of the unit		Opt
Optional	Filter cartridge	Instead of ULPA 15, one can choose for a combined 3 filter system pre-filter F7 + activated carbon + HEPA 14	Opt
	System 1	Fine dust pré filter, Class F7 - SN EN 779 (0,5 m ²)	
	System 2	Activated Carbon non impregnated - natural product	
	System 3	HEPA, Class H14 - SN EN 1822 - (2,5 m ²) Individually leak tested	
	Casing	Instead of white epoxy anti-bacterial coating, stainless steel casing	Opt
	Fire Protection	Compatible with fire resistant grills or circular fire damper cartridges 30' or 60' to prevent fire from spreading to other area's	Opt
General	Infection control friendly - epoxy white anti bacterial or stainless steel casing ensures easy cleaning and user friendly due to changeable pre-filter.		Yes
	Rapid to install, ½ day work only		Yes
	The consumable is the filter cartridge to be changed every year (after 12 months)		Yes
	Permanent air flow security through one-way-airflow guarantee! (no risk of blowing contamination back into the room due to reverse airflow)		Yes
	Pre-filter guarantees longer lifetime of the Ulpa or Hepa filter		Yes
	Permanent security over pressure difference including automatic features		Opt

MedicCleanAir®, V09-2018 / Yes = standard, Opt = optional / Technical changes permitted without notice

Bank ING: BE16 3200 6796 8375 - BIC: BBRUBEBB - BTW/TVA:BE0456.903.256 - H.R. Antwerp 343893

Tel. +32 3 283 04 00

www.mediccleanair.com

info@mediccleanair.com

Division Walsberghe nv
Bredestraat 13
2000 Antwerp / Belgium

MedicCleanAir®

A BELGIAN - SWISS COOPERATION



Standard ISO 100 Device for wall or ceiling assembly - main view with filter unit and cables connections



Standard ISO 120 Device for wall or ceiling assembly - main view with filter unit, cables connections and special tube connection



Standard Remote Control operated by key with positions 0 - 1 - 2 - 3 - 4



Remote Control by key with permanent pressure difference display, cable with connection plugs, short instruction manual for hospital staff (head nurses, technical department, etc.)



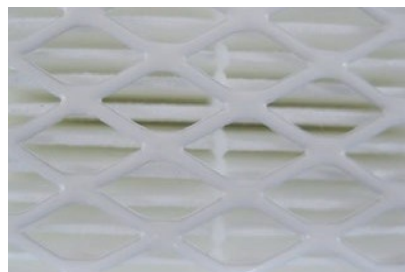
Additional pre-filtration on the outside of filter unit



Filter cartridge ULPA 15



Filter detail of the ULPA 15 filter cartridge



Filter detail of the ULPA 15 filter cartridge: protection of the filter medium with grid.



Bank ING: BE16 3200 6796 8375 - BIC: BBRUBEBB - BTW/TVA:BE0456.903.256 - H.R. Antwerp 343893

Tel. +32 3 283 04 00

info@mediccleanair.com

www.mediccleanair.com

Division Walsberghe nv
Bredestraat 13
2000 Antwerp / Belgium