

MCA® ISO 210 SERIES ISOLATION UNITS IN 2 PARTS

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 | Yes |
| | Size | 32 x 43 x 14 cm (w x h x d) + 32 x 42 x 12 cm (w x h x d) | Yes |
| | Weight | 4.7 (filter unit) + 2.4 (fan unit) = 7.1 kg filter cartridge included | Yes |
| | Electricity | 220 - 240 V / 50 - 60 Hz / 35 to 80 Watts | Yes |
| | Installation | Wall mounted - easy assembly - ½ day work only | Yes |
| | | 100 % security on airtight-connection between filter- & ventilator unit | 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 and LED display on unit | Yes |
| | Clean air capacity | From 70 m³ up to 135 m³ / hour | Yes |
| Area capacity | Built for area's up to approx. 15 m² / 40 m³ - patient rooms, OT, ICU's | Yes | |
| Security | One way air-flow (no reverse air-flow possible when not operational!) | Yes | |
| Maintenance | None, except for filter change - 1x/year | Yes | |
| Guarantee | 36 months (excl. Filter cartridge) with maintenance contract | Yes | |
| Filter Cartridge | | ULPA 15 Quality (3,7 m²): 99,9995 % on 0.1 to 0.3 µm!!, tested EN1822 MedicCleanAir filters have been tested up to 0.017 µm! | Yes |
| | | Filter control LED display (green-yellow-red) on filter unit | 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 |
| 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 pre-filter, Class F7 - SN EN 779 (0,5 m²) | |
| | System 2 | Activated Carbon non impregnated - natural product | |
| | System 3 | HEPA, Class H14 - SN EN 1822 - (2,5 m²) | |
| | | 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 (only with wall assembly) | 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 |
| | | 100 % security on airtight connection between filter- & ventilation unit | 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

MedicCleanAir®

A BELGIAN - SWISS COOPERATION



Standard ISO 210 Device for wall assembly - front view with filter unit (ULPA 15 level) and LED display (0-1-2-3-automatic + filter check)



Filter- & ventilator unit - rear view with tube connections & cables connections



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



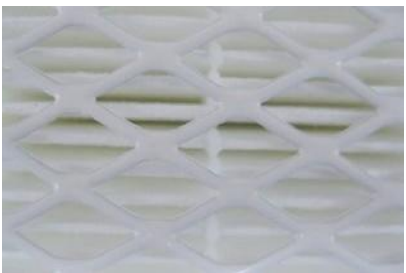
Detail of the filter unit with clear view of the pressure difference sensor, RC-connection, PC-connection and electricity plug, operational LED's + filter check



ISO 200 Device window assembly with clear view of both rear sides of the filter- & ventilator unit with cable connections, pressure difference tube, joints, assembly bolts



Filter detail of the ULPA 15 filter cartridge



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



SIMPLY THE BEST THERE IS!

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Mobile Filter Unit

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