

## MCA® ISO 520 ISOLATION UNIT «ALL IN ONE» / LARGE

## TECHNICAL DATA

|                  |                    |   |     |
|------------------|--------------------|---|-----|
| Production       |                    | A Belgian - Swiss Cooperation   | Yes |
|                  |                    | CE approved - ISO 9001 - ISO 14001 - Safety Class 1   | Yes |
| Unit             | Casing             | Aluminium, white epoxy RAL 9010, anti-bacterial coating   | Yes |
|                  | Size               | 54 x 54 x 27 cm (w x h x d)   | Yes |
|                  | Weight             | 19 kg (filter cartridge included)   | Yes |
|                  | Electricity        | 220 - 240 V / 50 - 60 Hz / 8 to 175 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 <sup>3</sup> up to 1000 m <sup>3</sup> / hour   | Yes |
|                  | Area capacity      | Built for area's up to approx. 40 m <sup>2</sup> / 120 m <sup>3</sup> - patient rooms, OT, ICU  | Yes |
|                  | Security           | One way air-flow (no reverse air-flow possible when not operational!)   | Yes |
|                  | Maintenance        | None  | Yes |
|                  | Guarantee          | 36 months (excl. Filter cartridge) with filter maintenance contract   | Yes |
| Filter Cartridge |                    | ULPA 15 Quality (7,8 m <sup>3</sup> ): 99,9995 % on 0.1 to 0.3 µm! , tested EN1822<br>MedicCleanAir filters have been tested up to 0.017 µm!  | Yes |
| Extra            |                    | Remote control with permanent pressure (Pa) difference display (difference between the patient room and adjacent area = total security that the room is in pressure difference)<br>Integrated security alarm in case pressure difference drops permanently after 60 seconds<br>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 cassette    | Instead of ULPA 15, one can choose for a:<br>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 <sup>2</sup> )  |     |
|                  | System 2           | Activated carbon non impregnated - natural product  |     |
|                  | System 3           | HEPA, Class H14 - SN EN 1822  |     |
|                  |                    | Individually leak tested  |     |
|                  | 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 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!<br>(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  | Opt |
|                  |                    | 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 520 Device for wall or ceiling assembly - main view with filter unit and cables connections



Standard ISO 520 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.)



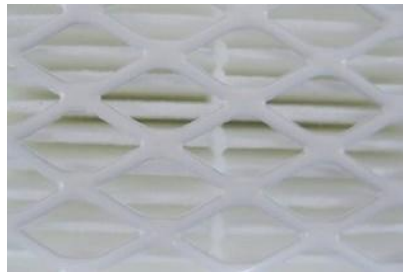
Additional pre-filtration on the outside of filter unit



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.



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