

Precision Environmental Control Systems

Medical and Healthcare Sector

MD600 range

Description

MD600 Range

airflow - 0.05-0.7 m³/s

The MD600S Supply Module - is a fully packaged environmental control system, specifically designed for medical and healthcare applications.

The unit incorporates an EC fan, high level filtration, heating and cooling. The unit can be configured for operating as full recirculatory, full fresh air or any combination of both.

The MD600E Extract Module incorporates an EC fan, and a selectable level of filtration. It is used in conjunction with the MD600S for room pressurisation applications.



Product Data Sheet

Applications

Medical and Healthcare Sector

- General Medical Applications
- Laboratories
- Step Down and Recovery Rooms
- Positive, Negative or Balanced Pressure Rooms

Features - MD600S Supply Module

Features include:

- Pre-filter up to EU8
- Main filter up to H14
- Integrated microprocessor control system with user display/keypad
- EC fan technology - fully modulating 0-100%
- CW cooling with fully modulating 3-way valve
- LPHW heating with fully modulating 3-way valve
- Removable drainpan
- All exterior panels removable for ease of access and cleaning
- Extremely quiet operation
- Designed for use in-room or remote location
- Ease of transport/positioning - fits in a standard lift

Features - MD600E Extract Module

Features include:

- EC fan technology - fully modulating 0-100%
- Main Filter up to H14
- All exterior panels removable for ease of access and cleaning
- Extremely quiet operation
- Ease of transport/positioning - fits in a standard lift



Contact our sales team:

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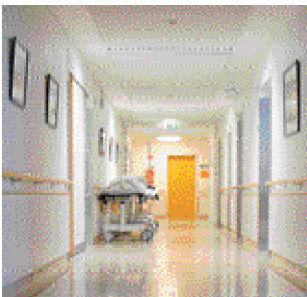
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Packaged | Compact | Quiet | Plug+Play | Energy Efficient

Precision Environmental Control System

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MD600 Range



Product Data Sheet

Fully HTM Compliant - HBN4 Compliant - Modular Concept - BMS Compatible - MD range offers highest "capacity to foot-print" ratio

Options

The following options are available:-

- Staged on/off or fully modulating thyristor controlled electric reheat.
- DX cooling with a choice of wall, mounted, floor-mounted or fully integrated condensing units.
- DX cooling with variable-speed compressor and fully modulating condenser fan.
- Wide range of airpath configurations.
- Shut-off, volume control, and fire dampers.
- DX cooling with electronic expansion valve.
- Power supply - 230VAC or 400VAC and further options
- Full range of RAL colours
- Electrode boiler or steam lance humidifier
- High ambient operation
- Connectivity with customer building management systems

Technical Data

MD600S

Overall Dimensions - mm	2200 H x 690 W x 690 D
Airflow - m ³ /h / m ³ /s	Up to 2500 / 0.7
Cooling Capacity - kW	Up to 10
Heating Capacity - kW	Up to 22
Fan Input Power - Watts	Maximum 385

MD600E

Overall Dimensions - mm	860 H x 690 W x 690 D
Airflow - m ³ /h / m ³ /s	Up to 3000 / 0.83
Fan Input Power - Watts	Maximum 385