

MedicAir

ADVANCED HEPA FILTRATION



Automated Negative Pressure and Alarm System

The Medicair series is the only portable unit available in the medical field that will automatically adjust the airflow to maintain a predetermined pressure setting.

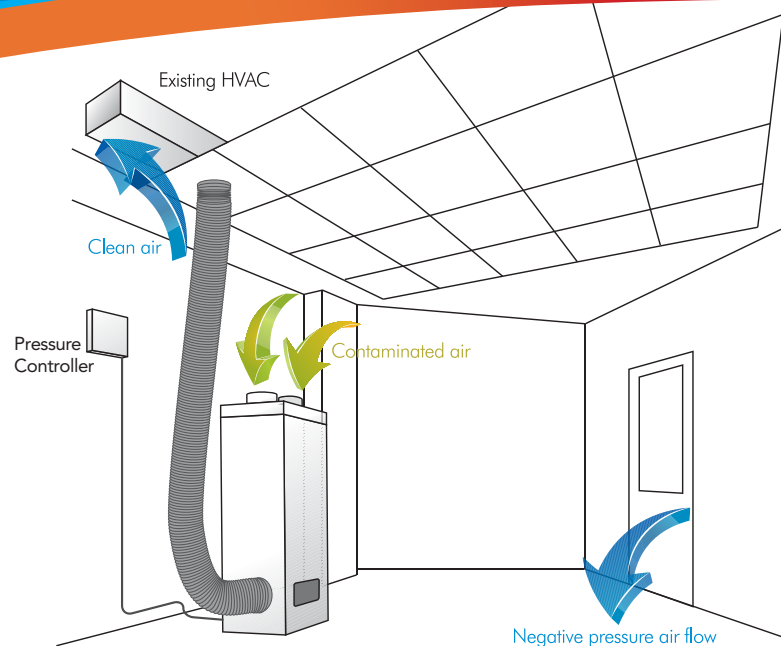
This highly customized microprocessor control system will eliminate the need for hospital personnel to decide at what speed the unit should operate.

The unit will automatically maintain negative pressure as well as guarantee a minimum of 12 air changes in rooms as large as 2500 cubic feet (10x30x8) as per the CDC.

Microprocessor Alarm Features

	Audible	Visual
Room Pressure	✓	✓
Change Filter	✓	✓
Numeric Airflow Reading	–	✓
Numeric Low Pressure	✓	✓
Numeric Air Change Reading	–	✓
Low Room Pressure	✓	✓
Downloading Abilities	✓	✓
Controls Unplugged	✓	✓
Loss of Power alarm	✓	–
Maximum Airflow Achieved	–	✓
Change UV Light	✓	✓
Low Airflow Alarm	✓	✓

- Control Security Access Code
- MODBUS communication capabilities
- Manual operation systems also available



SAFETY FEATURES

- Inlet to the system is at breathing zone level in an attempt to capture viruses as soon as possible
- Fans are located on the clean side of the HEPA filter ensuring a clean fan/motor/control section
- Heavy Duty rubber lockable casters
- Laser BlueGel: Sealant system guarantees zero filter by-pass
- Two ports to allow for easy in place decontamination with vented paraformaldehyde and ammonium bicarbonate
- Visual and Audible control system
- Controls are access code protected making them virtually tamper proof
- In addition to HEPA filtration, germicidal UV lights are used to help kill the viruses before being exhausted
- Two extended surface certified HEPA filters are used to minimize pressure drop, noise and filter life cycle
- CSA (US) Approved to medical standard

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