



DFMZ
DESIGN FILTRATION MICROZONE



A LEADER IN BUILDING CLEANER ENVIRONMENTS

Airborne Infection Isolation Rooms

In response to the SARS outbreak in 2003, DFMZ designed an airborne infection isolation room to help hospitals reduce the spread of the virus. In an effort to help combat COVID-19, DFMZ is currently prioritizing manufacturing of these airborne infection isolation rooms.

According to the CDC, a patient who has contracted the coronavirus can spread it person-to-person. This means between people who are in close contact with one another (within 6 feet), or through respiratory droplets produced when an infected person coughs or sneezes. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs. Placing a patient in an airborne infection isolation room can help to contain the spread of aerosolized viruses.



Key Features

- Portable, free-standing, negative pressure rooms prevent airborne contaminants in droplets from entering other areas and contaminating patients, staff and sterile equipment.
- Air leaving the AAIR unit travels through three double HEPA filters to contain particulate and recirculate clean air per CDC guidelines for Infection Control in Health Care facilities.

See a video here: <https://www.youtube.com/watch?v=FDRpEJ8EOu0>

Standard Features

- Airflow: Minimum 12 air changes per hour, maximum 75 air changes per hour (in accordance with CDC and ASHRAE standards)
- Filtration: Equipped with three double HEPA inline exhaust filtration for containment and filtration of airborne particulate
- Electrical: Standard 15 A outlet, 115V circuit, unit uses 12 AMPS
- Control Panel: Displays pressure monitoring, fan speed control, on/off switch
- Access: Hinged front access doors for ease of patient transfer in and out
- Assembly: No installation required, can be assembled by end user
- Calibration: Factory set, no calibration required
- Certification: Please follow facility recommendations for third party certification

Optional Features

- External venting

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Call Toll Free: (888) 636-8609

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