IsolationAir®
Portable Total Contamination Control System quickly converts any standard room to an Airborne Infection Isolation Room (AIIR)
Ideal for hospitals, extended care facilities, dental offices, and off-site surge space.

**Negative Pressure Room**
- Contains virus in the isolation space
- Closing off the HVAC eliminates heating and cooling and leaves the patient and healthcare worker uncomfortable

**Contain Viruses & Germs**

To create an isolated negative pressure room:
- Enclose the room
- Close off the HVAC to the room to eliminate cross contamination to other spaces
- Add ventilation that generates lower pressure than adjacent areas (negative pressure)

**UVC Light**
- Sterilize Viruses
  - UVC light will sterilize the virus.
  - Eliminates the capability for the virus to reproduce and spread.

**HEPA Filtration**
- Capture Airborne Contaminants
  - Captures the particles the virus travels on and prevents the spread of airborne virus.
  - Does not neutralize the virus, allowing it to jump to different particles and re-enter the room.

**IsolationAir Helps Healthcare Facilities Meet:**

- **CDC:**
  - Guidelines for COVID-19
  - Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings

- **ASPR:**
  - 2017 – 2022 Health Care Preparedness and Response Capabilities
  - Objective 2: Respond to a Medical Surge
    - Activity #9: Enhance Infectious Disease Preparedness and Surge Response, “Rapidly isolate patients”
    - Activity #1 Develop Emergency Department and Inpatient Medical Surge Capacity and Capability
    - Activity #6: Provide Burn care (IsolationAir can be set to create a positive pressure protective environment)

- **ASHRAE:**
  - COVID-19 ventilation guidance
  - Standard 170-2017, Ventilation of Health Care Facilities

- **AIA:**
  - Design and Construction of Hospitals and Health Care Facilities

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Closing off the HVAC eliminates heating and cooling and leaves the patient and healthcare worker uncomfortable

CDC:
Guidelines for COVID-19 & Other Diseases

Provides the patient and healthcare worker with a comfortable environment
Can’t stop the spread of the virus or kill the virus.

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