



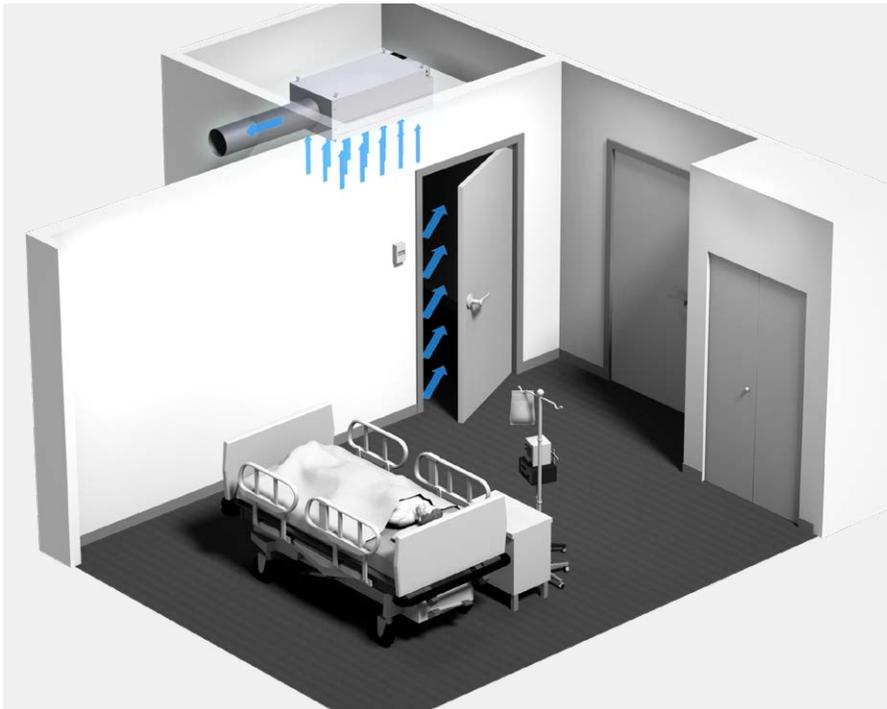
Hotel



College Dorm

# HOTEL/DORM TO HEALTHCARE (H2HC)

The US Army Corps of Engineers has released a Performance Work Statement on how to convert a hotel/dorm into an Acute Alternate Care Site (ACS). The below outlines how Price Fan Filter Units (FFU) can be used in these applications as a negative pressure machine with HEPA filtered exhaust to quickly create negative pressure isolation rooms. A ceiling mounted exhaust flow FFU may be used in buildings with a centralized bathroom exhaust, while buildings without a centralized exhaust system will need to consider freestanding FFU.



## Ceiling Mounted Exhaust Flow FFU

In buildings with a centralized bathroom exhaust, 200 cfm should be exhausted per patient room/bathroom exhaust duct or as needed in order to achieve 0.01 in.w.g. negative pressure. In most applications the central exhaust will not be able to accommodate HEPA filtration, so an exhaust flow FFU can be used to provide the necessary HEPA filtration and airflow out of the space.

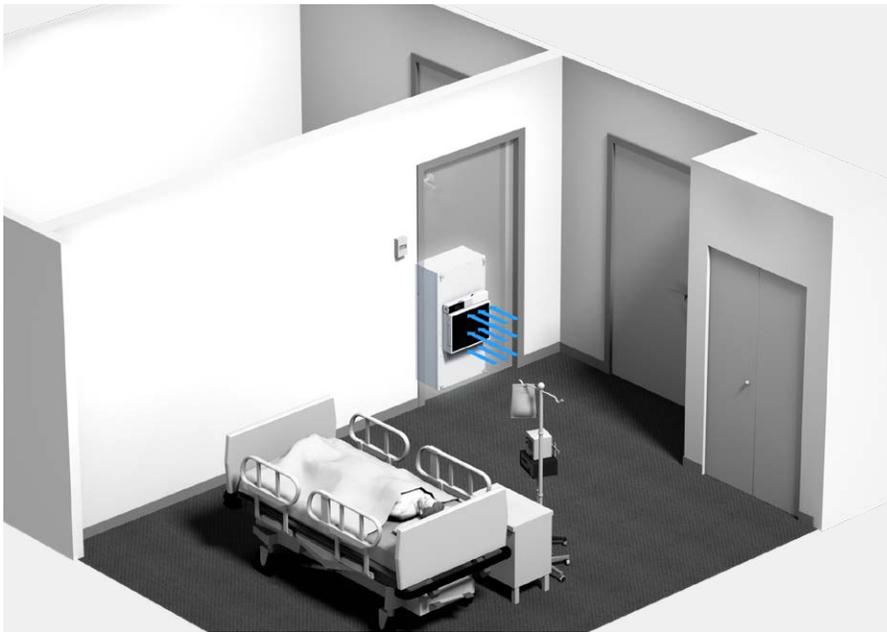
FFU-1-3//Exhaust/24/48/12/RSR/HEPA/FC/ECM/115/CT/RMB/BACnet/BFC/DSW-115//ASSP////PL-AL/F-AL/PL-B12/F-B12



## Freestanding Exhaust Flow FFU to Outside

An exhaust flow fan filter unit can be placed on the floor of the patient room and plugged into a standard wall socket, drawing air in through the face of the unit and exhausting HEPA filtered air out through a window or wall opening. Modifications to the wall packaged terminal air conditioner (PTAC) or fan coil unit (FCU) may be required.

FFU-1-3//Exhaust/24/48/12/RSR/HEPA/FC/ECM/115/CT/RMB/ BACnet /BFC/DSW-115/PC-115/ASSP////PL-AL/F-AL/PL-B12/F-B12



## Freestanding Standard FFU

A standard supply air FFU can be placed on the floor of a hotel/dorm room and plugged into a standard wall socket, drawing air through the back of the unit, and expelling HEPA filtered air out through the face of the unit. The FFU should be placed in the doorway between two adjacent rooms to create a negative pressure space where the patient is located. Any openings should be sealed to prevent leakage past the FFU.

FFU-1-3//I/Supply/24/48//RSR/HEPA/FC/ECM/115/CT/TMB/BACnet/ BFC/DSW-115/PC-115/ASSP//WPF/PL-AL/F-AL/PL-B12/F-B12



## Room Pressure Monitor (PM)

The PM provides single room pressure monitoring that meets ASHRAE 170 room pressure monitoring requirements for Isolation Rooms.

- + 24/7 pressure monitoring
- + LED sidebars with 180 degree viewing
- + Maintenance-free pressure measurement
- + Password protected menus

PM//I/////////KP//TR40/////////RPS1//////////

Quick ship options are available for H2HC projects.

For more information on Price Fan Filter units,  
visit [pricecriticalenvironments.com](http://pricecriticalenvironments.com) or email [criticalenvironments@priceindustries.com](mailto:criticalenvironments@priceindustries.com)

For more information on pressure monitors,  
visit [antecontrols.com](http://antecontrols.com) or email [applications@antecontrols.com](mailto:applications@antecontrols.com)