

ISSUE	HEPA-AIRE IN-ROOM FILTRATION SYSTEM	IN-CORRIDOR TEMPORARY PLASTIC 'ANTEROOM' ENCLOSURE
<b>Life Safety</b>	No corridor blockage or impedance to exiting the room	In-corridor enclosure & negative air machine (NAM) partially block corridor; zipper doors add extra time when exiting the patient room
<b>Directional Airflow</b>	Potentially contaminated room air is pulled <u>away</u> from the door and corridor, for the recommended "dirty to clean" airflow for proper control of hazardous airborne materials	"Dirty to clean" flow; potentially contaminated room air is pulled <u>toward</u> the door, then into the plastic enclosure, and into the NAM, which are both placed in the "clean" corridor.
<b>Air Filtration Unit</b>	FDA Class II Medical Device, with an attractive design, & white powder-coated finish.	Typically an industrial grade negative-air machine made from unpainted aluminum or galvanized steel.
<b>HEPA Efficiency</b>	99.99% @ 0.3 microns, with extruded anodized aluminum pharmaceutical-grade silicone gel seal, with 1/3 the particle bypass of a 99.97% HEPA.	Negative air machines are typically equipped with an economy 99.97% HEPA, with fiberboard frame & gasket seal.
<b>Filtered Air Exhaust</b>	Easily exhausted directly outside through a window, the method preferred by most users for optimum safety in the event of filter failure or loss of power; also easily exhausted within the facility.	Typically directly into the corridor outside of the room; negative air unit or filter failure or loss of power could potentially result in exhaust of potentially contaminated unfiltered air into the "clean" corridor.
<b>Decontamination After Use</b>	Powder-coated unit is quickly & easily cleaned before removal from the room.	Enclosure & NAM must be decontaminated in the corridor or taken through clean areas of the hospital for decontamination elsewhere.
<b>Tamper-Resistant Controls &amp; Filters</b>	Yes. Tool required for access to protect against tampering or accidental shutoff.	NAM pre-filters & controls are typically not equipped to resist unauthorized tampering.
<b>Replacing The HEPA Filter During Use If Required</b>	Done within the isolation room to protect against contamination of clean areas; unit can remain fully operational	The NAM would have to be shut off & disconnected from the enclosure, to minimize the chance of escape of dirty air into the corridor.
<b>Optional High-Output UVGI module</b>	Yes; provides an added level of protection against harmful airborne pathogens.	No.