



The Envirco Hospi-Gard® IsoClean® is a portable, self-contained high efficiency particulate air (HEPA) filtration system with UV-C Sanitizer designed to easily and economically create a negative pressure isolation room / environment that will meet OSHA and CDC TB guidelines.

The IsoClean® can be used as a positive pressure clean air recirculating system in clinics, waiting rooms, hospital emergency rooms and other confined areas or as a partial or complete exhausting system to create a negative pressure isolation room for possible use with patients known or suspected of having TB, SARS or other infectious diseases.

As a recirculating unit, the IsoClean®'s powerful motor/blower can deliver from 560 CFM (951 m3/hr) up to 800 CFM (1359 m3/hr) to provide a large number of room air changes per hour to minimize the spread of airborne diseases to patients and health care workers.

As a negative pressure unit, the air passing through the HEPA filter is cleansed of 99.99% of particles as small as 0.3 micron and may be exhausted directly to the exterior through a window, or through a wall simply by connecting flexible ducting to the 6 in. (152 mm) collar located on the top of the IsoClean®.

The Hospi-Gard® IsoClean® filter contains 220 square feet (20.4 square meters) of media to extend its usable lifetime before filter loading occurs, resulting in decreased cost and fewer filter changes.



STANDARD FEATURES

Low-High Clean Air Circulation

Room air, along with airborne contaminants, is drawn into the intake grille at the bottom while the purified air is discharged at a high velocity from the exhaust grille located at the top of the IsoClean® to generate a sweeping, low-to-high air circulation pattern with adequate "reach" to optimize the clean breathing zone for patient and staff.

Flexible Applications

The versatile IsoClean® can be used as a clean air recirculating unit, a negative pressure unit or as a split system to create both negative pressure and clean air recirculation by simultaneously exhausting some of the air out while recirculating the remainder back into the room.

Small and Portable

The IsoClean® can be rolled from one room to another and easily fits into areas with limited floor space.

Room Air Changes Per Hour

Provides up to 24 room air changes per hour (ACH) in a typical 18 x 12 x 8 ft (5.5 x 3.7 x 2.4 m) patient room or up to 12 ACH for rooms up to 3,900 cubic feet (100 cubic meters).

Quiet Operation

52 dBA on low, 56 dBA on medium and 60 dBA on high speed measured 30 in. (762mm) from face of the unit.

3-Speed Adjustable Airflow

The IsoClean® provides effective air filtration for a wide variety of room sizes with speeds ranging from 560 to 800 CFM (951-1359 m3/hr).