**Introduction**

The Hospi-Gard® IsoClean® is a portable, self-contained high efficiency particulate air (HEPA) filtration system 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, COVID-19, or other infectious diseases.

The IsoClean® is available in two different sizes: the IsoClean® 400 and IsoClean® 800. As a recirculating unit, the IsoClean®’s powerful motor/blower can deliver from 70 CFM (119 m³/hr) up to 400 CFM (679 m³/hr) for the IsoClean® 400 and 560 CFM (951 m³/hr) up to 800 CFM (1359 m³/hr) for the IsoClean® 800 to provide a large number of room air changes per hour to minimize the spread of airborne diseases to patients and health care workers.

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### Standard Features

**Low Cost Isolation Room**

An easy and economical solution for creating a negative pressure, isolation room. Simply roll the IsoClean® into a standard room, connect flexible ducting to the 6 in. (152 mm) collar on the top of the unit for partial exhaust or to the optional 8 in. (204 mm) flanged collar (sold separately) for total exhaust and vent the purified air to the exterior through a window or wall.

**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.

**Quiet Operation**

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

**Simple Maintenance**

Both HEPA filter and prefilter are easily accessible for replacement by authorized personnel.

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### Adjustable Airflow

The IsoClean® provides effective air filtration for a wide variety of room sizes. The IsoClean® 400 utilizes a solid state speed control with speeds ranging from 70 to 400 CFM (119-679 m³/hr). The IsoClean® 800 utilizes a three position switch with speeds ranging from 560 to 800 CFM (951-1359 m³/hr).

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### Hospital Applications

- Negative Pressure Rooms
- Emergency Rooms
- Waiting Rooms
- Sputum Induction
- Aerosol Pentamidine Treatment
- Intensive Care Units
- Bronchoscopy Rooms
- Renal Dialysis Rooms

### Other Applications

- Clinics
- Nursing Centers
- Physician Offices
- Homeless Shelters
- Addiction Recovery Centers
- Correctional Facilities

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### Warranty

- Limited 1-year warranty
**Dimensional Information**

<table>
<thead>
<tr>
<th>Model</th>
<th>IsoClean 800</th>
<th>IsoClean 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>120V UV</td>
<td>220V UV</td>
</tr>
<tr>
<td>Part No.</td>
<td>10850-005</td>
<td>10921-004</td>
</tr>
<tr>
<td>Dimension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inches</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>(mm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>62.25 (1581)</td>
<td>19.75 (502)</td>
</tr>
<tr>
<td>B</td>
<td>15.75 (400)</td>
<td>15.75 (400)</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UL Listed (E152685)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Speed Control Type</td>
<td>Three Speed Switch</td>
<td>Variable Speed Control</td>
</tr>
<tr>
<td>Airflow CFM* (m³/hr)</td>
<td>Low: 560 (951) ± 10%</td>
<td>Medium: 690 (1172) ± 10%</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>8 Amps @ 115V/60 Hz</td>
<td>4.0 Amps @ 208-230V/60 Hz</td>
</tr>
<tr>
<td>Unit Weight lbs. (kg.)</td>
<td>200 (91)</td>
<td>175 (79)</td>
</tr>
<tr>
<td>Shipping Weight lbs. (kg.)</td>
<td>285 (129)</td>
<td>250 (113)</td>
</tr>
<tr>
<td>Shipping Dimensions (mm)</td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>A</td>
<td>71.5 (1816)</td>
<td>22.75 (578)</td>
</tr>
<tr>
<td>B</td>
<td>18.75 (476)</td>
<td>22.75 (578)</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>18.75 (476)</td>
</tr>
</tbody>
</table>

*Note: Airflow reduced by 20% when running 50Hz.*

**Specifications**

**Construction**
Welded steel filter plenum and blower housing with a corrosion resistant polyurethane enamel finish. Four 2" (51 mm) casters, two locking.

**Filter**
Aluminum framed HEPA type, with a minimum efficiency of 99.99% @ 0.3 micron, aerosol challenged. Airflow sensor indicates when the filter needs changing.

**Prefilter**
Disposable MERV8 multi-pleat anti-microbial prefilter with frame.

**6 in. (152 mm) Exhaust Port**
Located on top of the unit for use as a split system to create both negative pressure and clean air recirculation.

**Motor/Blower Assembly**
Direct drive, continuous duty, 1/3 Hp, 0.25 kW, 3-speed motor with sealed-for-life bearings and inherent overload protection located on the “clean side” of the filter. Motor/blower assembly is mounted on vibration dampening rubber mounts and designed to provide rated airflow through a 50% increase in initial static pressure.

**Electrical**

**UL Listing**
UL 507 E152685 on Standard Unit (Part No. 10850) only.

**Ultraviolet (UV)**
UV light operates continuously while unit is in operation. Wavelength type UV-C. IsoClean® 400 has 18” length, 1” diameter bulb with specs of 15.9W, .34A, and 4.9W UV-C radiation at 100 hours. IsoClean® 800 has 36” length, 1” diameter bulb with specs of 30W, .37A, and 12.0W UV-C radiation at 100 hours. Bulbs are rated for 9,000 hours of use.