

ENVIRCO IsoClean® 800

Portable, self-contained High Efficiency Particulate Air (HEPA) filtration system with optional UV-C light.



IsoClean 800 air cleaning recirculation setup

ENVIRCO IsoClean800 Portable HEPA Air Cleaning System

The ENVIRCO IsoClean 800 is engineered to provide the optimum combination of efficient HEPA air cleaning and provide a large number of room air changes per hour to minimize the spread of airborne diseases to patients and health care workers. The IsoClean 800 can be used in a wide range of applications, including hospitals, offices, retirement facilities, waiting rooms, correctional facilities and other environments where a positive pressure clean air recirculating system is needed.

An Economic Portable Negative Pressure Unit

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 machine.

Split System Setup

The IsoClean 800 can be setup to create both negative pressure and clear air recirculation by exhausting air out while recirculating the remainder back into the room.

Filter Information

The IsoClean 800 HEPA filter contains 220 ft² (20.4 m²) of media to extend its usable lifetime before filter loading occurs, resulting in decreased cost and fewer filter changes. Antimicrobial or carbon pre filter available as well as ULPA filter upgrade to 99.999% efficiency.

Small and Portable

The IsoClean 800 can be rolled from one room to another and easily fits into areas with limited floor space.

Quite Operation

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

Features

- 3-Speed Adjustable Airflow for effective air filtration
- 24 room air changes per hour in 18x12x8 room
- Quiet operation and simple maintenance
- 99.99% efficient at 0.3 micron aluminum frame HEPA filter standard
- Low cost isolation room
- Quiet operation
- Low-High clean air circulation pattern
- UV-C light upgrade available (IsoClean 800UV)

Split System Setup



connect flexible ducting to the 6 in. collar on the top of the unit for partial exhaust.

Negative Air Pressure Setup



connect flexible ducting to the 6 in. collar on the top of the unit for 100% exhaust.

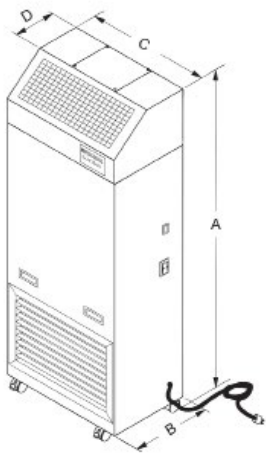
Contact Us for More Information

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ENVIRCO IsoClean® 800

Data specifications, product features, applications, air change rates and contact information.



| Model | | IsoClean 800 | | | |
|---------------------------------|--------------------------|----------------------------|---------------------------|-----------------------------|--|
| Description | 120V UV | 220V UV | 120V | 220V | |
| Part No. | 10850-005 | 10921-004 | 10850-001 | 10921-001 | |
| Dimension Inches (mm) | A | 62.25 (1581) | | | |
| | B | 19.75 (502) | | 15.75 (400) | |
| | C | 23.66 (601) | | | |
| | D | 12.86 (327) | | 8.86 (225) | |
| UL Listed (E152685) | Yes | Yes | Yes | Yes | |
| Speed Control Type | Three Speed Switch | | | | |
| Airflow CFM* (m³/hr) | Low: 560 (951) ± 10% | | | | |
| | Medium: 690 (1172) ± 10% | | | | |
| | High: 800 (1359) ± 10% | | | | |
| Power Requirements | 8 Amps @ 115V/ 60 Hz | 4.0 Amps @ 208-230V/ 60 Hz | 6.9 Amps @ 115 vac/ 60 Hz | 3.5 Amps 208-230 vac/ 60 Hz | |
| Unit Weight lbs. (kg.) | 200 (91) | | 175 (79) | | |
| Shipping Weight lbs. (kg.) | 285 (129) | | 250 (113) | | |
| Shipping Dimensions inches (mm) | A | 71.5 (1816) | | | |
| | B | 22.75 (578) | | 18.75 (476) | |
| | C | 26.75 (680) | | | |

| Model | | IsoClean 800 | | | |
|-----------------|------------|--------------|------------|------------|--|
| Room Dims. | 10'x'8'x8' | 12'x12'x8' | 12'x15'x8' | 15'x15'x8' | |
| Room Volume | 640 ft³ | 1152 ft³ | 1440 ft³ | 1800 ft³ | |
| Air Change Rate | 52 - 75 | 29 - 41 | 23 - 33 | 18 - 26 | |

| Applications |
|--|
| Negative Pressure Rooms |
| Medical / Dental Offices |
| Waiting Rooms |
| Emergency Rooms |
| Homeless / Addiction Recovery Shelters |
| Intensive Care Units |
| Clinics |
| Nursing Centers |
| Correctional Facilities |
| Physician Offices |

Prefilter

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

Simple Maintenance

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

Low-High Clean Air Circulation Pattern

Purified air is discharged at a high velocity from the exhaust grille located at the top of the IsoClean 800 to generate a sweeping, low-to-high air circulation pattern with adequate reach to optimize the clean breathing zone.

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.

Optional UV-C Light

UV light operates continuously while unit is in operation. Wavelength type UV-C. 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.

Contact

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