

ENVIRCO ISOCLEAN[®]

400, 800 and CM



IsoClean CM

IsoClean 400

IsoClean 800

Portable HEPA Air Cleaners

CLEAN AIR SOLUTIONS
from Koch Filter

Engineered to provide efficient HEPA air cleaning @ 0.3 micron and a large number of room air changes per hour.

Effective mitigation for airborne pathogens such as TB, SARS, COVID-19, or other infectious diseases.



Filters
Allergens
& Dust



Antimicrobial
Pre-filter



Filters
Viruses
& Bacteria



Optional
UV-C
Available

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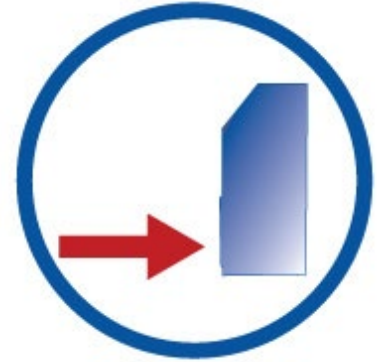


WHAT ARE PORTABLE HEPA AIR CLEANERS?

Portable HEPA air cleaners are units designed to provide HEPA cleansed air to any sort of facility. HEPA filters currently offer the best air filtration solution for airborne pathogens such as TB, SARS, COVID-19, or other infectious diseases. Potentially contaminated air is drawn into the system, cleansed and returned to the environment.

Portable HEPA filtration units are crucial in environments where current air systems cannot accommodate HEPA filters. The IsoClean is an ideal solution for buildings/facilities with HVAC systems in place that can not accommodate MERV 13 filters.

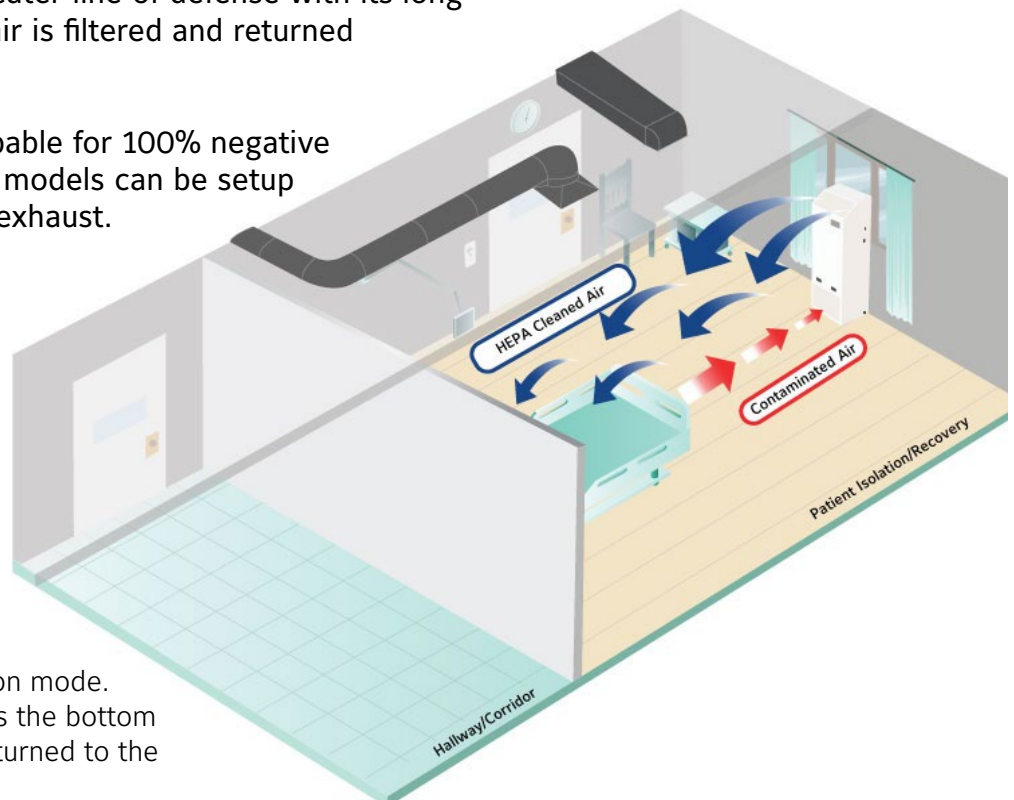
The ENVIRCO IsoClean has a minimum efficiency of 99.97% @ 0.3 micron on the CM model and 99.99% on the 800 and 400 models. The 800 can be upgraded to 99.999% ULPA filter. The ENVIRCO IsoClean lineup is an industry leader due to its efficiency, filter life cycle durability and quiet operation. All units are assembled in the USA.



HOW DOES THE ISOCLEAN WORK?

In recirculation mode, the IsoClean lineup is designed to draw unfiltered air into the lower portion of the unit towards the pre-filter. Secondly, the pre-filter goes to work and begins the process of filtering out contamination such as dust, dirt and dander. Next, the air then heads to the HEPA filter. With the ASHRAE recommendation of a MERV 13 to combat airborne pathogens, the IsoClean offers an even greater line of defense with its long lasting HEPA filter. Lastly, the air is filtered and returned to the environment.

The IsoClean units are also capable for 100% negative pressure and the 800 and 400 models can be setup for 50/50 split of recirculation/exhaust.



An IsoClean 800 unit in recirculation mode. Contaminated air drawn in towards the bottom of unit, cleansed at 99.99% and returned to the environment as HEPA filtered air.

ASHRAE AIR CLEANER RECOMMENDATIONS

Device is located in the room where air cleaning is desired. Place air cleaner where air intake and discharge are not impeded (e.g. not near furniture or behind curtains).



Air is drawn into the device, and cleaned air is returned to the room. Flexible ductwork can be attached to some devices to allow strategic positioning of intake and/or discharge locations, including discharge outside the room to create pressure differences and/or create clean to less-clean directional airflow.

Devices may include any or combinations of air cleaning technologies (filters, sorbents, UV, etc.). Users are advised to carefully determine that the application of the technology is appropriate for their need.

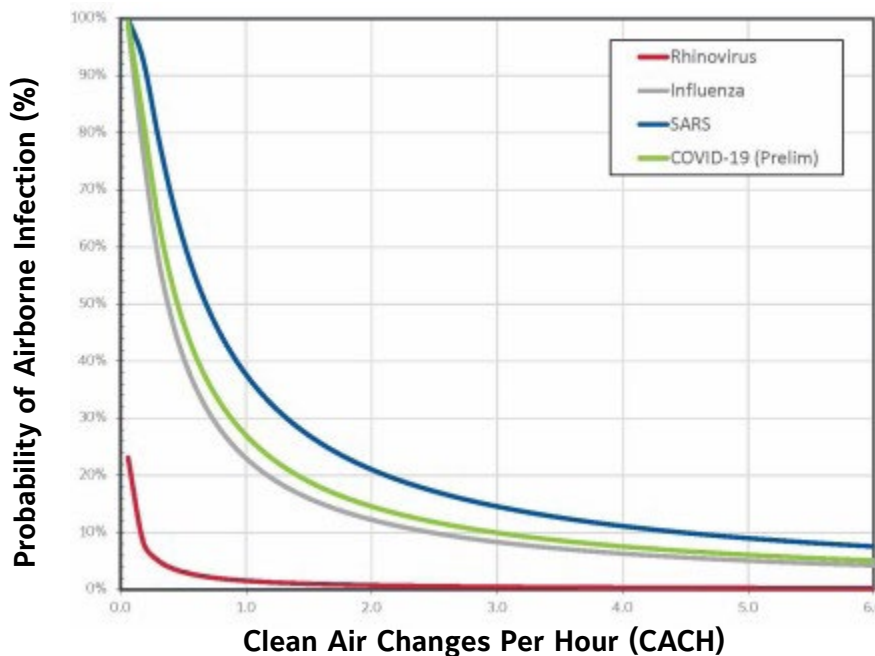
Devices are rated by the Association of Home Appliance Manufacturers.

The rate of particle removal from air is termed the Clean Air Delivery Rate (CADR), typically in units of cubic feet per minute (CFM).

$$\text{CADR} \approx \text{airflow rate} \times \text{removal efficiency}$$

To reach a desired air exchange rate in air changes per hour (ACH):

$$\text{ACH} = \text{CADR (cfm)} \times 60 \text{ (min/hr)} \div \text{room volume (ft}^3\text{)}$$



ADDITIONAL RESOURCES

[ASHRAE COVID-19 Guide](#)

[ASHRAE Epidemic Task Force Core Recommendations](#)

[Harvard Healthy Buildings Program: Portable Air Cleaners](#)

[CDC Building Ventilation](#)

As you can see, transmission of airborne pathogens greatly decreases when 6 clean air changes per hour is reached. This is a critical component most are overlooking in the battle against COVID-19.

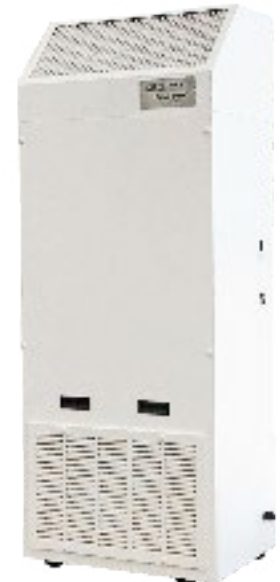
Distancing, reduced capacities and masks are important, but facility managers and owners must adapt to allow clean air to flow and upgraded air filtration. Portable HEPA air cleaners are an excellent option to help facilitate an increase in clean air changes per hour.

ISOCLEAN LINEUP KEY FEATURES

ISOCLEAN 400
Up to 400 CFM of HEPA cleaned air
Variable speed adjustment
Great option for smaller spaces and easy portability
Negative pressure capable / Low cost isolation room
Low-High clean air circulation pattern
Optional UV-C light (400uv)



ISOCLEAN 800
Up to 800 CFM of HEPA cleaned air
3-Speed adjustable airflow for effective air filtration
Quiet operation and simple maintenance
Negative pressure capable / Low cost isolation room
Low-High clean air circulation pattern
Optional UV-C light (800uv)



ISOCLEAN CM
Up to 1700 CFM of HEPA cleaned air
Simple set-point adjustment digital display
99.97% High Capacity HEPA filter
Quiet operation and easy prefilter & HEPA filter replacement
LED indicator for operation and filter replacement
Optional UV-C light (CM UV)



ISOCLEAN 800 OVERVIEW AND APPLICATIONS



[Website](#)

[Overview Video](#)

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.

Medical & Facility Applications

- Negative Pressure Rooms
- Emergency Rooms
- Waiting Rooms
- Sputum Induction
- Intensive Care Units
- Clinics
- Nursing Centers
- Physician Offices
- Dental Offices
- Homeless Shelters
- Addiction Recovery Centers
- Correctional Facilities

Split System Setup

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



ISOCLEAN 800 CONTINUED



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* (m ³ /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)			

ENVIRCO IsoClean® 800			
Description	Model	Overall Size (Inches)	Product Code
IsoClean 800 Freestanding 120V 99.99% efficiency	IsoClean 800	23 3/4x62 1/4x15 3/4	T10850-001
IsoClean 800 Freestanding 220V 99.99% efficiency	IsoClean 800	23 3/4x62 1/4x15 3/4	T10921-001
IsoClean 800 Freestanding - ULPA Filter Upgrade 99.999% efficiency	IsoClean 800	23 3/4x62 1/4x15 3/4	T10850-002
IsoClean 800-UV Freestanding with UV Light 120V 99.99% efficiency	IsoClean 800-UV	23 3/4x62 1/4x19 3/4	T10850-005
IsoClean 800-UV Freestanding with UV Light 220V 99.99% efficiency	IsoClean 800-UV	23 3/4x62 1/4x19 3/4	T10921-004

Negative Pressure Setup

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

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.

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.

ISOCLEAN 400 OVERVIEW AND APPLICATIONS



[Website](#)

Pre-filter

Disposable MERV 8 multi-pleat anti-microbial pre-filter.

Simple Maintenance

Both HEPA filter and pre-filter 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 400 to generate a sweeping, low-to-high air circulation pattern with adequate reach.

IsoClean 400 Portable HEPA Air Cleaning System

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. The IsoClean 400 comes equipped with a hospital grade HEPA filter that has an efficiency of 99.99%. The unit can be set up in three modes: 100% recirculation, 100% exhaust (negative pressure) and partial exhaust. Both the pre-filter and HEPA filter are easily accessible for quick and easy replacement. Easy to use and move, the IsoClean 400 fits easily in areas with limited floor space.

How it Works

The IsoClean is designed to draw unfiltered air into the lower portion of the unit towards the pre-filter.

The pre-filter goes to work and begins the process of filtering out contamination such as dust, dirt and dander. Air then heads to the HEPA filter. ASHRAE is currently recommending a MERV 13 rating to combat airborne pathogens. HEPA filtration provides an even greater line of defense than a MERV 13 filter.

Finally, the air is cleansed. When configured for 100% air recirculation, the HEPA filtered air is returned to the environment.

Durable Components

The IsoClean 400 is manufactured in the USA and contains durable and long lasting components. The cabinet is made of welded steel which is designed to withstand everyday usage and the HEPA filter is long lasting which cuts down on replacement costs. The optional UV-C light adds an additional level of disinfection. UV-C light acts to destroy many indoor pollutants such as viruses, bacteria and mold. When combined with HEPA filtration, the IsoClean 400 is a leading option for clean air environments.



ISOCLEAN 400 CONTINUED



Model		IsoClean 400			
Description		120V with UV	220V with UV	120V	220V
Part No.		10950-005	10960-005	10950	10960
Dimension Inches (mm)	A (Height)	38.25 (972)			
	B (Depth)	19.75 (502)		15.75 (400)	
	C (Width)	23.66 (601)			
UL Listed (E152685)		Pending	Pending	Pending	Pending
Airflow CFM (m ³ /hr)		Min:70 (119) ± 10% Max: 400 (679) ± 10%			
Power Requirements		4.5 Amps @ 115V/ 60 Hz	2.1 Amps @ 208-230V/ 60 Hz	4.4 Amps @ 115V/ 60 Hz	2.0 Amps @ 208-230V/ 60 Hz
Unit Weight lbs. (kg.)		100 (45)		90 (41)	
Shipping Weight lbs. (kg.)		173 (79)		153 (70)	
Shipping Dimensions inches(mm)	A	47.5 (1206)			
	B	22.75 (578)		18.75 (476)	
	C	26.75 (680)			

ENVIRCO IsoClean® 400			
Description	Model	Overall Size (Inches)	Product Code
IsoClean 400 Freestanding 120V 99.99% efficiency	IsoClean 400	23 3/4x38 1/4x15 3/4	T10950-001
IsoClean 400 Freestanding 220V 99.99% efficiency	IsoClean 400	23 3/4x38 1/4x15 3/4	T10960-001
IsoClean 400-UV Freestanding with UV Light 120V 99.99% efficiency	IsoClean 400-UV	23 3/4x38 1/4x19 3/4	T10950-005
IsoClean 400-UV Freestanding with UV Light 220V 99.99% efficiency	IsoClean 400-UV	23 3/4x38 1/4x19 3/4	T10960-005

Motor/Blower Assembly

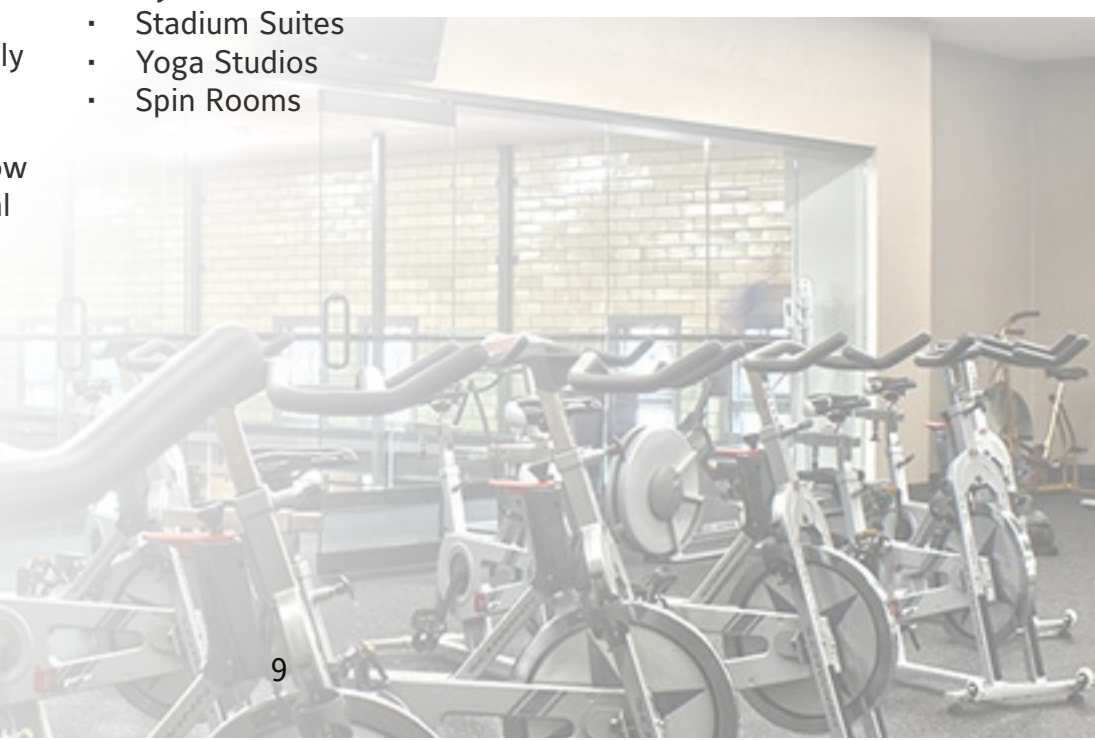
Direct drive, continuous duty, 1/3 HP 0.25 kW, 3-speed motor with sealed-for-life bearings and inherent overload protection located on the "clean side" of the filter. Motor/blower assembly is mounted on vibration dampening rubber mounts and designed to provide rated airflow through a 50% increase in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

Optional UV-C Light

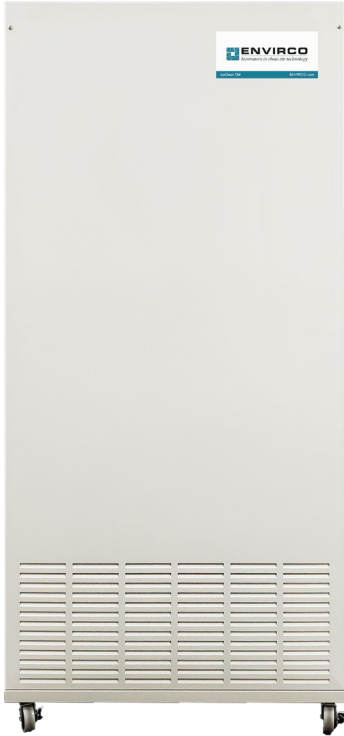
UV light operates continuously while unit is in operation. Wavelength type UV-C. IsoClean® 400 has 18" length, 1" diameter bulb with specs of 15.9W, .34A, and 4.9W UV-C radiation at 100 hours.

Facility Applications

- Classrooms
- Education Facilities
- Waiting/ Reception Rooms
- Gyms
- Stadium Suites
- Yoga Studios
- Spin Rooms



ISOCLEAN CM OVERVIEW AND APPLICATIONS



[Website](#)

IsoClean CM Portable HEPA Air Cleaning System

The IsoClean CM is a portable, in-room air cleaning system that significantly improves indoor air quality. Each IsoClean CM comes equipped with two air filters; a MERV-8 antimicrobial prefilter to capture large pollutants and a high capacity HEPA filter that has efficiency to capture 99.97% of air contaminants @.3 microns.

Engineered to provide the optimum combination of efficient HEPA air cleaning with multiple air changes per hour, the unit helps minimize the spread of airborne diseases. The unit has an efficient variable speed centrifugal blower with adjustable fan speeds to control the number of air changes per hour.

How It Works

The IsoClean CM is designed to draw unfiltered air into the lower portion of the unit. The air passes through a 2 inch antimicrobial prefilter before passing through a 99.97% efficient HEPA filter. ASHRAE is currently recommending a MERV 13 rating to combat airborne pathogens. A HEPA filtration provides an even greater line of defense. The IsoClean CM provides a large number of air changes per hour to continually improve the indoor air quality.

Flexible Applications

The versatile IsoClean CM can be used as a clean air recirculating unit or, a 100% exhaust, negative pressure unit to maximize application flexibility.

Low Cost Isolation Room

An easy and economical solution for creating a negative pressure, isolation room. Simply roll the IsoClean CM into a standard room, connect a flexible ducting to the optional 10in. (254 mm) collar on the top of the unit and vent the purified air to the exterior through a window or wall.

Portable, Vertical Footprint

The IsoClean CM can be rolled from one room to another and easily fits into areas with limited floor space. The 120 volt unit plugs into a standard wall receptical.

Simple Maintenance

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

Quiet Operation

54 dBA at low, 65 dBA at high speed measured 36 in. (914 mm) from face of the unit. (Sound not yet verified)

Variable-Speed Adjustable Airflow

The IsoClean CM provides effective air filtration for a wide variety of room sizes with airflow ranging from 500 to 1700 CFM (850-2549 m³/hr).

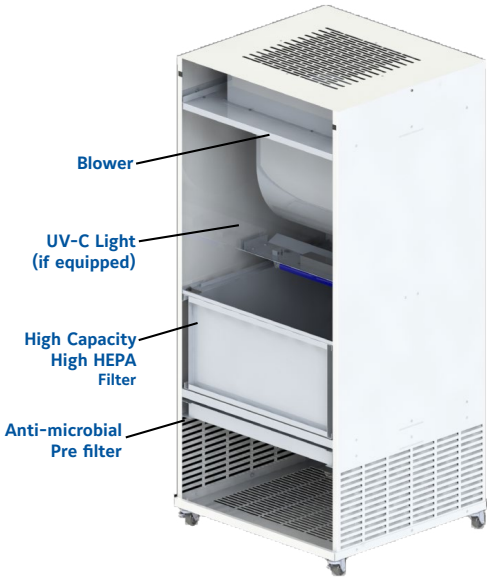
Room Air Changes Per Hour

Provides up to 6 room air changes per hour (ACH) in a 1700 sq. ft. space or 12 room air changes in a 850 sq. ft. space.

Efficient Air Scrubbing

Room air, along with airborne contaminants, are 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. This generates an optimal, low-to high air circulation pattern delivering HEPA filtered air to the breathing zone.

ISOCLEAN CM CONTINUED



Model		IsoClean CM	
Description		120V with UV	120V
Part No.		T272000-002UV	T272000-002
Dimension Inches (mm)	Height	57.75 Inches (1397)	
	Width	26.18 inches (635)	
	Depth	24.75 inches (635)	
UL Listed (E152685)		Pending	Pending
Airflow CFM (m3/hr)		Variable speed Minimum CFM: 400 (679) ±10% Maximum CFM: 1700 (2888) ±10%	
Power Requirements		10.2 Amps @ 120V/ 60 Hz	TBD Amps @ 120V/ 60 Hz
Unit Weight lbs. (kg.)		148 (67)	150 (68)
Shipping Weight lbs. (kg.)		173 (79)	175 (80)
Shipping Dimensions inches (mm)	Height	65.75 (1670)	
	Width	28.75 (730)	
	Depth	27.25 (692)	

ENVIRCO IsoClean® CM			
Description	Model	Overall Size (Inches)	Product Code
IsoClean CM Freestanding 115V 99.97% efficiency	IsoClean CM	26x57 3/4x24 3/4	272000-001
IsoClean CM UV Freestanding with UV Light 115V 99.97% efficiency	IsoClean CM-UV	26x57 3/4x24 3/4	272000-001UV

Chassis Construction

Powder-coated steel plenum and filter housing with a corrosion resistant polyurethane enamel finish. Four 2" (51 mm) casters, two locking.

Main Filter

Aluminum Framed HEPA type, with a minimum efficiency of 99.97% @ 0.3 micron. Accessible through a large removable access panel for maximum serviceability.

Prefilter

2 inch, disposable MERV-8, anti-microbial filter.

Air Discharge

Located on top of the unit and allows the addition of a discharge air duct collar for 100% exhaust applications.

Motor/Blower Assembly

Direct drive, continuous duty, 1 Hp, variable-speed, electronically commutated motor with sealed-for-life bearings and inherent overload protection located on the "clean side" of the filter.

Controls

On/Off switch and motor controller located on left side of unit allows simple set-point adjustment and a digital display indicates current motor speed. A green LED indicates normal operation. A red LED provides indication when filters need to be changed.

Electrical

Standard 5-15P, 120 V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug (120V Model). Standard 6-15P, 220 V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug (220V Model).

UL Listing

UL 507 (listing pending).



Unit Features	ENVIRCO IsoClean® 400	ENVIRCO IsoClean® 800	ENVIRCO IsoClean® CM
HEPA Filtration	99.99% @ 0.3 micron	99.99% @ 0.3 micron upgradeable to 99.999% ULPA	99.97% @ 0.3 micron
Prefilter	MERV 8 antimicrobial		
CFM	Minimum: 70 Maximum: 400	Minimum: 560 Maximum: 800	Minimum: 400 Maximum: 1700
Motor	continuous duty, 1/3 Hp, 0.25 kW, 3-speed motor with sealed-for-life bearings		continuous duty, 1.0 Hp, 3-speed motor with sealed-for-life bearings
Blower Type	Direct Drive		Direct drive electronically commutated
Decibel Level	Low 52 dBA High 60 dBA		Low 48 dBA High 69 dBA
Optional UV-C Disinfection	Yes		
Dimensions	H38 ^{1/4} xW23x D15 ^{3/4} UV: H38 ^{1/4} xW23x D19 ^{3/4}	H62 ^{1/4} xW23x D15 ^{3/4} UV: H62 ^{1/4} xW23x D19 ^{3/4}	H55 ^{3/4} xW25x D24 ^{3/4}
Digital Display	No		Yes
Negative Pressure Capable	Yes		
Combination Negative Pressure Recirculation	Yes		
Filter Load Indicator	Yes		
Warranty	1 year limited		

ISOCLEAN APPLICATION RECOMMENDATIONS

ISOCLEAN 800

Hospitals, Emergency Rooms (negative pressure environments)

Clinics and Doctors Offices, Waiting Rooms

Addiction Recovery Centers

Correctional Facilities

Classrooms



ISOCLEAN 400

Smaller Classrooms K-12

Gyms/Spin Rooms/Yoga Studios

Reception/Waiting & Break Rooms

Stadium Suites

Cafes/Coffee Shops



ISOCLEAN CM

Large Auditoriums and Classrooms

Manufacturing Plants

Office Buildings

Bars/Restaurants

Dormitories/ Armed Forces/ Law Enforcement



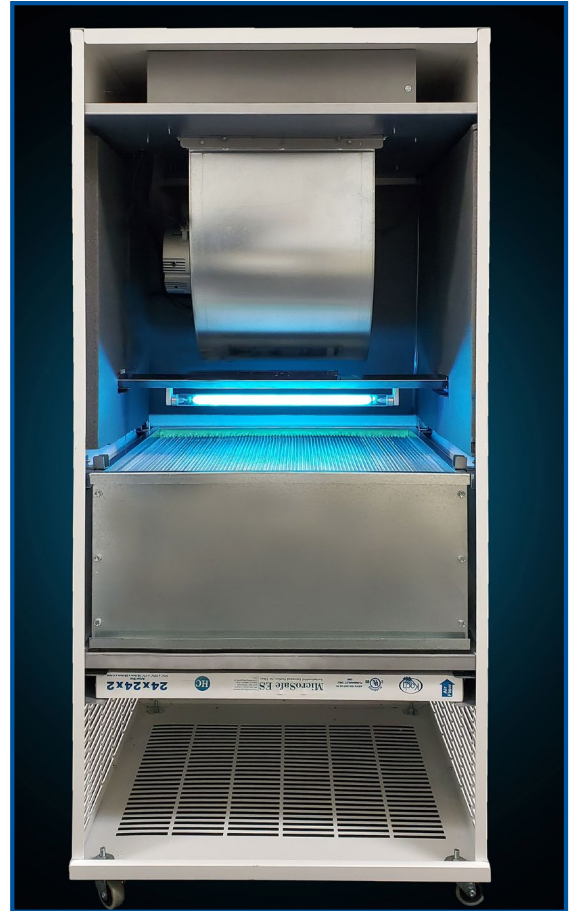
The versatile IsoClean lineup can help reduce airborne pathogens and provide HEPA cleaned air to almost any environment. If you have a specific question for your application, [contact us](#).

UV-C LIGHT OPTIONAL UPGRADE/ACCESSORIES REPLACEMENT FILTERS

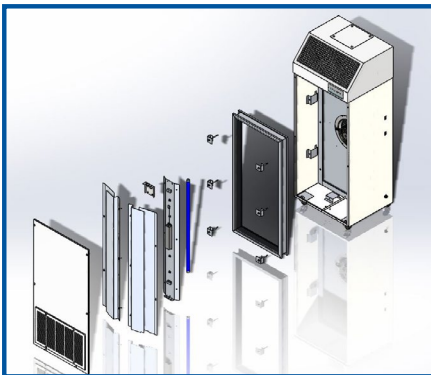
All IsoClean models can be upgraded to add an additional level of sanitation with UV-C lighting. UV light operates continuously while unit is in operation. Wavelength type UV-C. IsoClean 400 has 18" length, 1" diameter bulb with specs of 15.9W, .34A, and 4.9W UV-C radiation at 100 hours.

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.

At right, the IsoClean CM UV equipped with UV-C light operates continuously while the unit is in operation. The bulb has a wavelength of 254 nm with specs of 15.9W, .34A, and 4.9W of UV-C at 100 hours.



An IsoClean CM equipped with the optional UV-C light.



A view of the IsoClean 800 with optional UV-C installed.

Accessories and Replacement Filters			
Description	Model	Overall Size (Inches)	Product Code
Replacement HEPA Filter 99.99% efficiency	IsoClean 800	21x45x3	T10850-69391-001
Replacement ULPA Filter 99.999% efficiency	IsoClean 800	21x45x3	T10850-69391-002
Replacement HEPA Filter 99.99% efficiency	IsoClean 400	21x21x3	T10950-69391-005
Replacement High Capacity HEPA Filter 99.97% efficiency	IsoClean CM	24x24x11 1/2	T272022-001
Antimicrobial Prefilter 12 per box	IsoClean 800/400	12x20x1	T10850-63352
2" Antimicrobial Prefilter MERV 8	IsoClean CM	24x24x2	T63352-001
Carbon Prefilter 12 per box	IsoClean 800/400	12x20x1	T10850-63349
8" Duct Collar with Flange for 100% Exhaust	IsoClean 800/400		T10850-11055
15' Flexible Duct & Wire Ties	IsoClean 800/400		T11159-001
Room Pressure Monitor 120/240V 0-10 V	IsoClean 800/400		T10850-63337-001
Room Pressure Monitor 120/240V BACNET	IsoClean 800/400		T10850-63337-002
Annunciator	IsoClean 800/400		T10850-63338-001
UV-C Light Replacement	IsoClean 800		T10850-60265
UV-C Light Replacement	IsoClean 400/CM		T60265-002

ISOCLEAN AIR CHANGE RATES

Model	IsoClean 400			
Room Dims.	10'x'8'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'
Room Volume	640 ft ³	1152 ft ³	1440 ft ³	1800 ft ³
Air Change Rate	6 - 37	3 - 20	2 - 16	2 - 13

Model	IsoClean 800			
Room Dims.	10'x'8'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'
Room Volume	640 ft ³	1152 ft ³	1440 ft ³	1800 ft ³
Air Change Rate	52 - 75	29 - 41	23 - 33	18 - 26

Model	IsoClean CM			
Room Dims.	10'x'8'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'
Room Volume	640 ft ³	1152 ft ³	1440 ft ³	1800 ft ³
Air Change Rate	37 - 159	20 - 88	16 - 70	13 - 56

ACH or Air Changes per Hour is a metric that is used to tell how many times an air cleaner can fill up the full volume of the room with air.

This is the formula for ACH (air changes per hour):

$$ACH = CFM \times 60 / (\text{Area} \times \text{Height})$$

As you can see the all the IsoClean models offer a significant number of air changes per hour. The CM model is an industry leader with 1700 CFM.

CONTACT INFORMATION



Founded in 1966 by Joseph M. Koch in Louisville, KY, Koch Filter has since grown from their humble beginnings into a world class manufacturer of air filtration solutions, ranging from pleated and HEPA filters to special media pads, Industrial cartridges and filter housings.

Koch Filter incorporates fifty four plus years of learning, innovation and product improvement into our family of products. With an experienced staff and strategically positioned manufacturing and distribution facilities across the US, Koch Filter is your trusted partner for air filtration products.

Indoor air quality and clean air solutions have never been more important.

If you have any questions about the IsoClean lineup or air filtration we are here to help. Contact us anytime and our staff will be happy to assist you and help create a clean air solution that is right for you.

CUSTOMER SERVICE
info@kochfilter.com

ORDERING INFORMATION
orders@kochfilter.com

1-800-757-5624

VIDEO RESOURCES

- [Duct collar installation](#)
- [Pre filter and HEPA filter replacement](#)
- [IsoClean 800 and 400 Brief Overview](#)
- [IsoClean 800 and 400 Product Features](#)

LITERATURE/MARKETING
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