

AIRISO Individual Medical Isolation Systems & Portable Air Safety Systems

AIRISO portable Negative Pressure Medical Isolation Systems (AI-07 Transporter System and AI-77 Bed System) offer negative pressure "medical isolation" that exceeds CDC guidelines to isolate or transport individual infectious patients. These individual medical isolation units provide superior protection for anyone coming in contact with a suspected infectious individual. Applications include Emergency Rooms, Outpatient Clinics, Acute Care Inpatient areas, Portable Field Hospitals and Doctors' Offices.

The portable Positive Pressure Protective Isolation Systems (AI-07P Transporter System and AI-77P Bed System) offer positive pressure "protective isolation" that exceeds CDC guidelines to isolate or transport patients that need protection from the environment. Applications include Immunosuppressed Patients, Burn Patients, Bone Marrow Transplant Patients and ICU Patients.



AI-77 Bed System
AI-77P Bed System

AI-07 Transporter System
AI-07P Transporter System



PASS-MINI

PASS-1600IU

AIRISO PASS (Portable Air Safety Systems) line of equipment meets all of your air scrubbing or medical isolation needs, as well as odor abatement and general air purification requirements. We reach unmatched levels of performance by employing our patented technology of HEPA filtration and UVC irradiation as a portable system on wheels. The HEPA filter is under 24/7 UVC irradiation, neutralizing all bioaerosol contamination captured by the filter. All PASS units incorporate high flow HEPA filters rated at 99.99% effective at 0.3 microns. The filter is under constant UltraViolet Germicidal Irradiation on both the intake and exhaust surfaces to kill any contaminants that are captured and contained by the filter.

AIRISO Individual Medical Isolation Systems & Portable Air Safety Systems

AIRISO Negative Pressure Transporter System (AI-07)

The AI-07 is the state-of-the-art method of transporting infectious patients through a facility with complete safety, protecting health care workers and the general population from all airborne infectious disease.

- Features high-capacity HEPA filter and 700 CFM airflow for unsurpassed infectious droplet collection
- Easily transport patients from room to room or between procedures
- FDA class II medical device
- Operates on battery power, or plug it in for extended operation
- Can be ducted to the outside for complete room negative pressure applications
- Meets and exceeds all existing OSHA standards
- Surpasses CDC guidelines for infectious isolation

SPECIFICATIONS

Dimensions: 53L x 26.5W x 63"H (135 x 68 x 160cm)

Electrical requirements: 4.5 amps, 110 volts

Optional battery power: 1 hour running time

Airflow: Up to 700cfm

Weight: 375 lb. (170kg)



AIRISO Positive Pressure Transporter System (AI-07P)

The AI-07P is the state-of-the-art method of transporting infectious patients through a facility with complete patient protection from all airborne infectious disease.

- Features high-capacity HEPA filter and 700 CFM airflow for unsurpassed infectious droplet collection
- Easily transport patients from room to room or between procedures
- Operates on battery power, or plug it in for extended operation
- Meets and exceeds all existing OSHA standards
- Surpasses CDC positive pressure and medical guidelines for isolation

SPECIFICATIONS

Dimensions: 53L x 26.5W x 63"H (135 x 68 x 160cm)

Electrical requirements: 4.5 amps, 110 volts

Optional battery power: 1 hour running time

Airflow: Up to 700cfm

Weight: 375 lb. (170kg)



AIRISO Individual Medical Isolation Systems & Portable Air Safety Systems

AIRISO Negative Pressure Bed System (AI-77)

No matter the size and shape of the room, the AI-77 turns it into an Isolation room in a matter of minutes, giving the healthcare worker total protection from airborne infectious disease. And thanks to its convenient, wheeled design, the AI-77 makes set-up a cinch.

- Complete air change in the patient isolation zone every six seconds
- No external ventilation required
- Protects hospital staff from exposure to aerosolized, infectious droplets
- Surpasses CDC guidelines for infectious isolation requirements
- Meets and exceeds all existing and proposed OSHA standards
- FDA Class II medical device

SPECIFICATIONS

Dimensions: 55L x 38W x 76"H
(140 x 97 x 193cm)

Electrical requirements: 3.8 amps, 110 volts

Optional battery power: 2 hours running time

Airflow: Up to 700cfm

Weight: 385 lb. (174kg)



AIRISO Positive Pressure Bed System (AI-77P)

No matter the size and shape of the room, the AI-77P turns it into an Isolation room in a matter of minutes, giving the patient total protection from airborne infectious disease. And thanks to its convenient, wheeled design, the AI-77P makes set-up a cinch.

- Complete air change in the patient isolation zone every six seconds
- No external ventilation
- 100% patient protection
- Surpasses CDC guidelines for positive pressure medical isolation requirements
- Meets and exceeds all existing and proposed OSHA standards

SPECIFICATIONS

Dimensions: 55L x 38W x 76"H (140 x 97 x 193cm)

Electrical requirements: 3.8 amps, 110 volts

Optional battery power: 2 hours running time

Airflow: Up to 700cfm

Weight: 385 lb. (174kg)

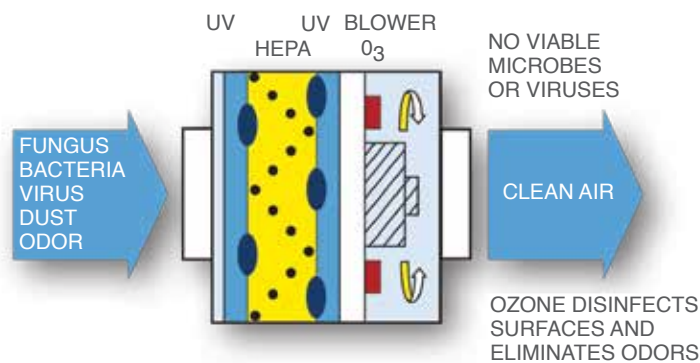


AIRISO Individual Medical Isolation Systems & Portable Air Safety Systems

AIRISO's Synergistic Clean Air Process

Three proven technologies of Filtration, UltraViolet Germicidal Irradiation and Ozone are integrated into a patented air purification process that far exceeds what each technology is capable of doing individually. Air Iso's Clean Air Process synergizes air purification to meet your medical isolation needs – when and where it is needed. Air Iso's Clean Air Process technologies "Capture, Contain and Neutralize" toxic airborne contamination while exceeding CDC guidelines for negative or positive pressure airborne isolation.

| Product | Air Flow | Isolation Capabilities | FDA Approval |
|---------|-------------|------------------------|--------------|
| AI-07 | 450/700 CFM | Negative Pressure | Yes |
| AI-07P | 450/700 CFM | Positive Pressure | Yes |
| AI-77 | 450/700 CFM | Negative Pressure | Yes |
| AI-77P | 450/700 CFM | Positive Pressure | Yes |



AIRISO's patented technology utilizes high flow HEPA filters in combination with UltraViolet Germicidal Irradiation to achieve unmatched performance to "Capture, Contain and Neutralize" bioaerosols and particulates of all types and sizes.



PASS-MINI

- 0-700 cfm capacity
- Heavy-duty 16-gauge metal cabinet
- Oversized HEPA filter
- UltraViolet lamps
- Ozone capabilities
- Rapid change filter
- Ability to test the air during operation
- Dual speed fan
- Front and rear duct adapters

SPECIFICATIONS

- Dimensions: 32.5L x 12.75W x 18"H (82.6 x 32.4 x 45.7cm)
- Electrical requirements: 4.4 amps, 115 volts, 12' power cord
- Shipping weight: 94 lb. (43kg)

AIRISO Individual Medical Isolation Systems & Portable Air Safety Systems

AIRISO PASS 1600IU - Portable Air Safety Isolation Unit

The PASS - 1600 IU Unit (Portable Air Safety Systems Isolation Unit) has been designed to meet or exceed the CDC guidelines for Medical Isolation in all Field Hospital and Surge applications. We reach unmatched levels of performance by employing our patented technology of HEPA filtration and UVC irradiation in a portable system. The PASS - 1600 ISO can create either positive pressure "Collective Protection" or negative pressure "Medical Isolation" utilizing our patented technology to capture, contain and neutralize biological contaminants in all weather conditions. Most importantly the PASS - 1600 ISO unit can be use in conjunction with any portable shelter or building to create unmatched capability for medical isolation protection.



- Positive Pressure Protective Isolation
- Negative Pressure Medical Isolation
- Continuous Pressure Monitoring of Isolation Area
- Automatic Download Data Logging
- Variable Speed Blower 0 to 1600 cfm
- Digital Display of Room Pressure and HEPA Filter Pressure
- Oversized Rapid Change High Flow HEPA Filter with UVGI
- Performance Monitoring with Audio and Visual Alarms
- Ozone Generators for Post Event Decon
- All Weather Durable Construction



PASS 1600 IU controller displays area and filter pressure simultaneously in real time to give Health Care Workers and First Responders peace of mind.

| | |
|---|---|
| Size..... | 36.5" H x 18.5"W x 41"L |
| Weight..... | 236 lbs |
| Power Rating & Electrical Requirements..... | 115 Volts, 11.5 Amps, 60Hz, 1322 Watts, 12' Power Cord |
| Airflow Capacity..... | 0 to 1600 cfm Electronic Speed Control |
| Airflow Ports..... | 2 Inlets with adjustable dampers for flow control – 14" and 10" 2 Outlets with adjustable dampers for flow control – 14" and 10" |
| Filter: High Capacity HEPA..... | 24" T x 18" W x 11.5" D – Deep "V" Filter, 99.99% @ 0.3 Microns |
| Filter: Prefilter (optional)..... | 24" T x 18" W x 2" D – Carbon Poly Media Prefilter |
| UVGI Lamps..... | Front Bank: 4 Lamps On Removable Frame Rear Bank: 5 Lamps On Fixed Frame Bulb Intensity: 120 Microwatts/CM2 254NM Germicidal Wavelength |
| Ozone..... | 4.2 Micrograms Per Hour |
| Displays and Alarms..... | Visual Alarm on Controller to Indicate Bulb Failure Visual and Audio Alarms on Controller to indicate HEPA Filter replacement Visual and Audio Alarms on Controller to indicate Area Pressure Failure |
| Controls..... | Differential Airflow Dampers to adjust room pressure – On Unit Ozone Enabling: On-Off Removable Key Switch – On Unit Ozone Timer: Activates Ozone Production – On Controller |
| Data Logging..... | Sensor Monitoring With USB Port For Time Stamped Data Transfer |
| Cabinet..... | 16 Gauge Steel – Powder Coated Color: Red (standard) – Other colors available Easy Access Panel for Filter Replacement Soft Ride Casters (standard) – Pneumatic Turf Tire available |

- APPLICATIONS**
- Negative Pressure Medical Isolation For Portable Field Hospitals
 - Mid to Large Scale Medical Isolation for Healthcare
 - Post -Event Decon
 - Air Scrubbing (Infectious Bioaersols)
 - Odor Abatement
 - Smoke Removal