

R-1

Rapid Deployment Inflatable Isolation Enclosure



The R-1 is a rapid deployment inflatable isolation enclosure, designed specifically to treat infectious disease patients and provide a negative pressure, safe working environment for medical staff. The enclosure can also be used solely as a physical barrier and / or in-conjunction with high oxygen equipment to create a hyperoxic environment. The R-1 can be deployed in existing hospitals or newly constructed field hospitals as well as Primary Care facilities.



FEATURES

- Individual isolation enclosure prevents virus transmission from patient to front-line medical staff
- Air is completely contained within enclosure, eliminating spread of air to the rest of the facility
- Designed to meet CDC and international standards for infectious disease control
- Utilizes negative pressure HEPA filtration to remove 99.99% airborne contaminants
- Ideal environments for health officials to conduct tests on people with a respiratory illness, such as the coronavirus.
- Rapid deployment, easy to set up in 5 minutes or less.
- Dual zipper ports for electrical and oxygen air lines & dual zipper openings on both sides
- Clear design for staff to monitor patients
- Compatible with full immersion high-oxygen equipment
- Easy access for medical beds

PATENT PENDING

R-1 SMALL

Rapid Deployment Inflatable Isolation Enclosure



Model No.:	R-1 SMALL
Model Name:	Rapid Deployment Inflatable Isolation Enclosure
Product Inclusions:	<ul style="list-style-type: none">• Inflatable isolation enclosure with clear roof, walls and floor• Removable front tube to allow easy access for a hospital bed• Ports for HEPA filtration and other utilities• Doors on the front and sides of the module for easy access• Negative pressure environment exceeds 12 air changes per hour or flow rate of 308cfm for single patient module.
Tube Safety Feature:	Over pressure relief valve system
Dimension (l x w x h):	8.2ft x 5.5ft x 7.2ft
Tube Diameter:	7inches
Setup Time	5 minutes
Max No. of People:	1
Material:	Tubes - PVC Roof/Walls - Polyester with PVC window
Color of Tubes:	White
Net Weight:	55 lbs
Warranty:	24 Months

PATENT PENDING

R-1 MEDIUM

Rapid Deployment Inflatable Isolation Enclosure

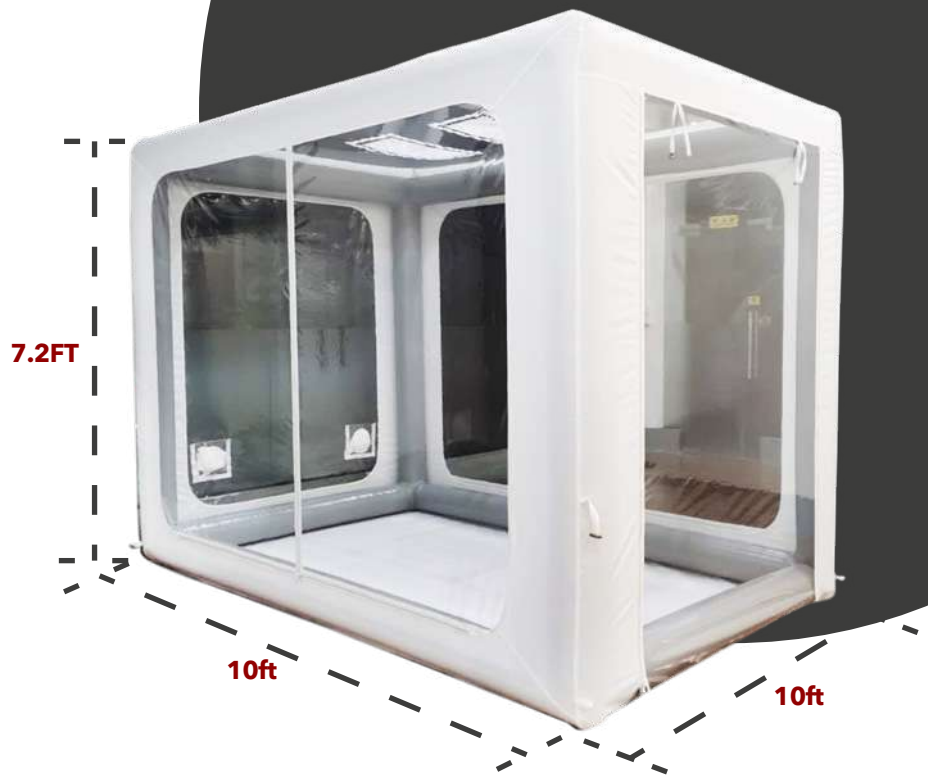


Model No.:	R-1 MEDIUM
Model Name:	Rapid Deployment Inflatable Isolation Enclosure
Product Inclusions:	<ul style="list-style-type: none">• Inflatable isolation enclosure with clear roof, walls and floor• Removable front tube to allow easy access for a hospital bed• Ports for HEPA filtration and other utilities• Doors on the front and sides of the module for easy access• Negative pressure environment exceeds 12 air changes per hour or flow rate of 308cfm for single patient module.
Tube Safety Feature:	Over pressure relief valve system
Dimension (l x w x h):	10ft x 6.5ft x 7.2ft
Tube Diameter:	7inches
Setup Time	5 minutes
Max No. of People:	1
Material:	Tubes - PVC Roof/Walls - Polyester with PVC window
Color of Tubes:	White
Net Weight:	66 lbs
Warranty:	24 Months

PATENT PENDING

R-1 LARGE

**Rapid Deployment
Inflatable Isolation
Enclosure**



Model No.:	R-1 LARGE
Model Name:	Rapid Deployment Inflatable Isolation Enclosure
Product Inclusions:	<ul style="list-style-type: none">• Inflatable isolation enclosure with clear roof, walls and floor• Removable front tube to allow easy access for a hospital bed• Ports for HEPA filtration and other utilities• Doors on the front and sides of the module for easy access• Negative pressure environment exceeds 12 air changes per hour or flow rate of 308cfm for single patient module.
Tube Safety Feature:	Over pressure relief valve system
Dimension (l x w x h):	10ft x 10ft x 7.2ft
Tube Diameter:	7inches
Setup Time	5 minutes
Max No. of People:	1
Material:	Tubes - PVC Roof/Walls - Polyester with PVC window
Color of Tubes:	White
Net Weight:	88 lbs
Warranty:	24 Months



HPS 500 PORTABLE HEPA SYSTEM

HIGH PERFORMANCE IN A SMALL PACKAGE

HPS 500 unit is 13-1/8" square and 22-1/4" long, weight 34 lbs.

Hospital grade HEPA Filtration, 99.99% at 0.3 micron

HPS 500 is the most powerful portable HEPA system in the marketplace today

Compatible with all 3 R-1 design sizes

HIGH VOLUME PORTABLE HEPA WITH AIR FLOW CONTROL

The Model HPS 500 moves up to 500 CFM and has a low air flow setting of 200 CFM with two additional mid-range settings. The HPS 500 is the most powerful portable HEPA for its size on the market today. This unit is perfectly suited for home or office use.



HPS 500 with extended inlet collar for attachment to HVAC or duct system.



HPS 500 portable with open inlet and fan guard on the discharge.

USE AS A PORTABLE OR USE AS A CENTRAL FILTRATION SYSTEM

The unique design of the HPS series allows for use as either a true stand-alone portable unit or as a central HEPA filtration unit that is attached to the return air side of the heating/cooling system and installed in a by-pass configuration. For more information please contact your local Pure Air Systems dealer or Pure Air Systems directly.

DESIGN SPECIFICATIONS

Dimensions Installed: 13-1/8" x 13-1/8" x 22-1/4" Long

Dimensions Portable: 13-1/8" x 13-1/8" x 22" Long

Weight: 34 Lbs.

Construction: 20 Gauge Powder Coated Steel

Portable: 6" Dia. Discharge (caged), 11-1/4" x 12-1/4" Open Screened Inlet

By-Pass: 6" Dia. Discharge, 8" Dia. Inlet

CFM Rating 500 Max 500 CFM, Min 200 CFM

Electrical Req: 120 volt, 15 Amps

Motor/Blower: EBM Integrated Motor/Blower 5 Amp, Four Speed Induction

Filters: Combination Polyester Ring Panel Prefilter with Carbon Media
Certified and Scanned 99.99% at 0.3 Microns Mini-Pleat HEPA Filter

Controls: Sealed Lighted on/off Rocker Switch

Sealed Four Speed Selector Switch

10' Hospital Grade Power Cord with Grounded Plug

Differential Pressure Gauge