



## Outdoor Patient Isolation System

(402-515 usable sq. ft.)

In use by the NYC OCME and other agencies, the Reeves Outdoor Patient Isolation System fuses state-of-the-art military shelter technology with a technologically superior combination HEPA filtration and HVAC unit to form a portable, all-weather solution to biological outbreak isolation.

The Isolation System comes with a biologically secure staff anteroom to allow medical personnel to don or doff gear before entering and after exiting the pressurized patient treatment area. Zippered entry and exit doors and heat-sealed viewing windows provide complete containment while allowing personnel to view patients. Each Isolation System includes a fabric air plenum system, ground tarp, fabric floor, transport style duffel bag, repair kit, push poles, wind lines and a stake set.

### Key Features Include:

- State-of-the-art filtration systems allow for negatively or positively pressured treatment space inside the shelter.
- Military-grade Deployable Rapid Assembly Shelter (DRASH) withstands extreme weather and temperature conditions.
- Shelter can be set up or taken down with minimal effort by only six personnel without the need for special tools that can be lost or misplaced.

READY FOR ANYTHING

800.328.5563  
info@ReevesEMS.com  
www.ReevesEMS.com

**DHS SYSTEMS** LLC  
A DHS TECHNOLOGIES COMPANY

# Outdoor Patient Isolation System

## State-of-the-Art Filtration Systems

Two filtration systems are available for use with the Outdoor Patient Isolation System: a stand-alone filtration system and a filtration/HVAC system.

## Filtration/HVAC System

RISO2400

### Features Include:

- Airflow: 2220 cfm
- Flexible, foil-coated, disposable air input/output ducts
  - Female input connectors on unit port; male duct collars
  - Male output connectors on unit port; female duct collars
- Power ratings of 240 volt, 50 amp, 60 Hz
- Heat and cooling outputs of 60,000 BTU
- Two banks of two elements for low and high heating
- Pressure Differential: 0.1" to 0.12" WC
- Onboard adjustable dampers for positive and negative pressurizing
- Remote thermostat allows for dual level heating and single level heating
- HEPA filter and UV lamps
- Automatic overheating shutdown
- Auditory alarm and light indicator detect filter blockage and/or UV failure

**Dimensions:** 35.5"W x 69.25"L x 73"H

**Weight:** 862 lbs.

## Stand-Alone Filtration System

1006983

### Features Include:

- Portable, all-weather design for use in the elements
- Constructed from powder-coated aluminum alloy case
- Airflow: 2,500 CFM
- Power: Three phase, 230VAC 8A, 60 Hz
- Three horsepower, variable control, belt drive industrial grade motor with 1 and 1/8" shaft
- System maintains positive or negative pressure of 0.01 WG for isolation to meet CDC guidelines for infection control
- CDC Capacity: 12 ACH in spaces of up to 12,500 CFM
- Filtration: 99.99% @.3Microns\*
- Ozone Free Germicidal UV @253.7 nm
- Automatic controls
- Power, filter and pressure indicators
- Heavy-duty, all-terrain casters allow for field applications

### Optional Features:

- Ozone Generation for additional sterilization method of the air purification unit
- Software package for data logging
- Web browser capability for access of web
- Remote notification of alarm status to PDA, Cell, Pager

**Dimensions:** unit: 33"W x 41.1"L x 63"H, duct: 16"

**Weight:** unit: 280 lbs., filters: 20 lbs. ea

\* Each filter is individually and independently certified with an efficiency test rating. 99.99% is the maximum efficiency level. Minimum efficiency is 99.97%.

