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.
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

**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

**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% @ .3 Microns*
- 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%.