

Modec

Decon Apparatus

**CBRN Apparatus for
Chemical, Biological,
Radiological and Nuclear
Response and Mitigation**



The Leading Producer of CBRN Solutions

Advanced Applications and Components:

Chem/Bio Decontamination and Mitigation - Sandia Foam

- Patented Modec MDF-200[®] for Chem/Bio Warfare agents
- Bio/Chem Decontamination registered with the US EPA
- Licensed by Modec, Inc. from the US Department of Energy
- Effective against a broad range of WMD, anthrax and toxins

Radiological and Nuclear Mitigation/WMD Simulants

- Integrates Raddecon[™] Decontamination Solutions for surface and personal decontamination resulting from nuclear exposure
- Licensed WMD training simulants patented by the US Army

International Truck Chassis

- Features International Truck vehicles recognized worldwide as the leader in military and emergency response apparatus
- Features advanced electronics and SATCOM capabilities
- Integrates Command and Communications for Hazmat
- Class 6 Vehicle does not require special CDR



High Quality Design and Construction

- Multiple layouts available including Trailers and Skid mounted systems for hospitals and EMS units
- Incorporates Command and Control Centers
- Fully self-contained with onboard power from ONAN
- Emergency rapidly deployable shelters
- Integrates heated injection systems from Modec, Inc.
- Proprietary exterior design for maximum throughput and operational tempo and processing
- Unique patient handling systems for stretcher born patients. Proprietary rear liftgate system.

Total Consequence Management Capability and Support

Modec, Inc., Denver, Colorado 1-800-967-7887

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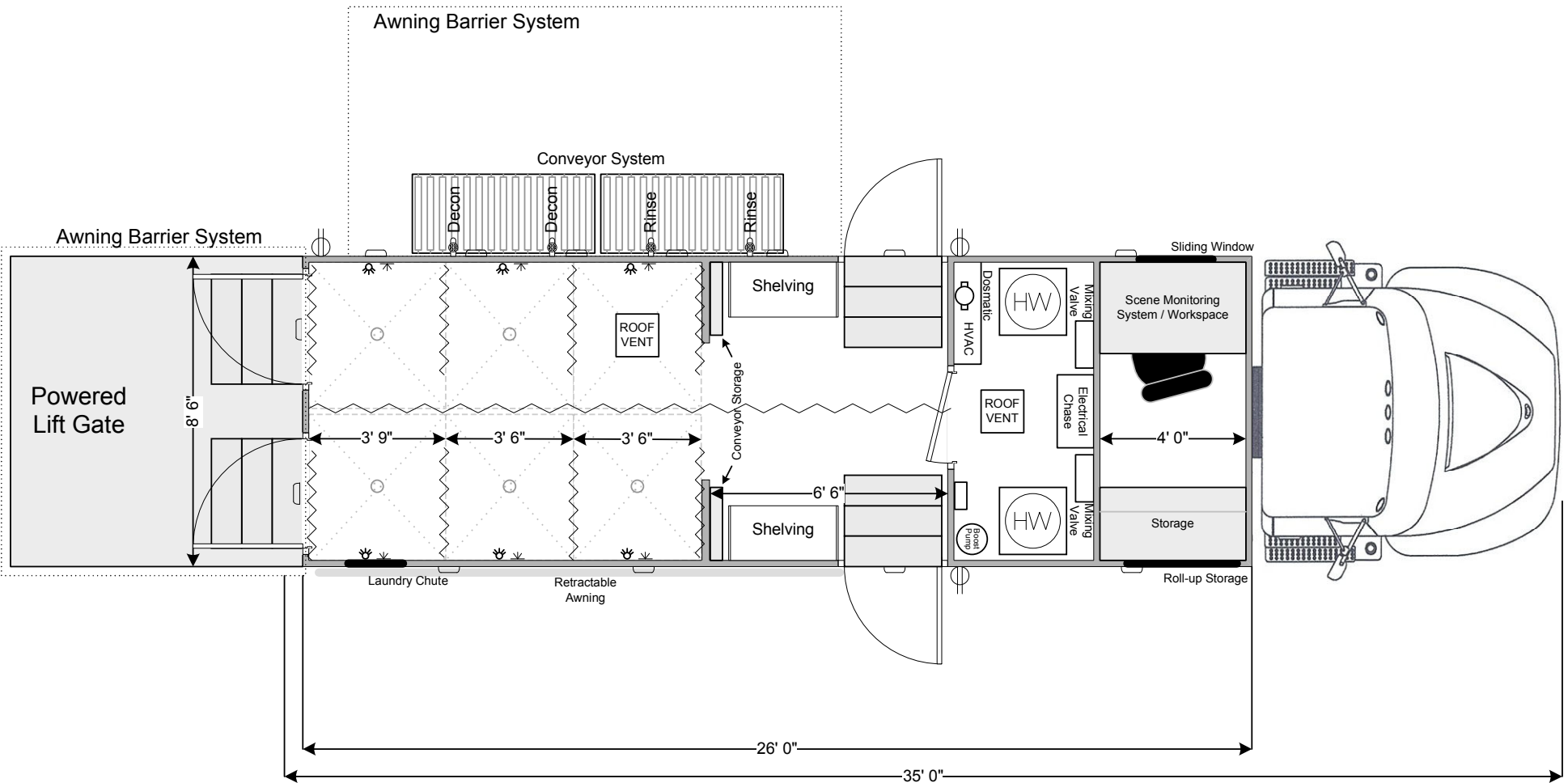
Chemical, Biological, Radiological and Nuclear

SUMMARY SPECIFICATIONS:

- Mass Casualty Decontamination Capable for Chem/Bio, Hazardous Materials, Radiological and Industrial Chemical Toxants
- 2010 International Durostar Chassis with 465 H.P. Engine
- 26 Ft. Operations Area including command and Control Center
- Automated Pendant Control Lift System (1,600 lb. capacity); Thieman TVL-16A, oversized 80" x 96" extended platform
- Automated Over/Under Spray Roller System for non- ambulatory patients and interior/exterior processing capabilities
- Dosmatic "SuperDos" automatic decon solution induction system, utilizes tempered warm water for delivery to eight ports (6 in, 2 outside)
- Gender separation for the interior of the decon unit
- Individually sloped decon basins for each internal shower
- Electronically Controlled Intellifaucet Thermostatically controlled temperature valves and Over 1 Million BTU's of heating capacity without any recovery time. Six inside, eight exterior ports.
- Automated Water Pressure Controller with curb and street side inputs - Automatically initializes upon low flow conditions
- Onan Diesel 10 kW Genset, vehicle vertical exhaust system
- NFPA 1901 Compliant Federal Signal Lighting Package - Federal Signal LED package. Includes Sirens and AOA lights.
- PTO Driven HVAC system, 35,000 BTU Cooling, 20,000 BTU heater
- Scene Management/Control area mounted with cab access.
- Two FRC Optimum (500 watts) extend-a-pole lights corner mounted
- 100 gallon waste tank with electrical drain pump
- Exterior berm with submersible pump
- .040 Exterior aluminum panels riveted to 16 O.C. Z-bar posts
- Polyurethane/Polyurea blended flooring system. Highly durable and resistant to chemicals, impacts and abrasion
- Automated transfer switch, defaults to generator
- Seamless .090 interior lightweight walls - 3 lbs/sq. ft.
- ROM rollup storage cabinet with 12 volt lighting
- Two exterior slide-out storage cabinets with lockable hardware

MODEC INC. FIELD DECONTAMINATION SYSTEM

26' Mobile Decontamination Apparatus



OVERALL DIMENSIONS

Box Length: 312"
 Box Width: 102"
 Walls thickness: 2"

3 Part Silica Epoxy Flooring
 Sloped Shower Pans ~ 1"

MODEC INC., Denver Colorado	
26' Mobile Decontamination Apparatus	
Date:	4/16/2009
Revision:	1.0
Drawing by:	Michael Neal
Approved by:	_____
Date:	_____