



DUAL VACUUM BEDDING REMOVAL SYSTEM – VBRS DUAL 9400 FOR REMOVING LABORATORY ANIMAL BEDDING

DESCRIPTION:

The VBRS DUAL 9400, Vacuum Bedding Removal System is fully redundant with two separating valves that transports laboratory animal waste bedding from multiple central cage wash areas to any single remote non-dedicated receptacle, compactor, dumpster or bagging equipment. Each VBRS 9400 separating valve can handle the materials for well over 2000 cages per hour from soiled cages and for distances exceeding 700 feet, with 2" stainless steel transport lines.

The system is housed in an acoustical and environmentally controlled cabinet and is factory preassembled and tested on a stainless steel skid-pack. For typical installations, the skid-pack is elevated on stainless steel up-rights over, and shares the foot print with, a waste receptacle, such as a shared non-dedicated compactor. A graphic touch screen is located on each of the self-contained dump stations, SCD 6800, and interfaces with the VBRS DUAL 9400.



VBRS Dual 9400

FEATURES:

ERGONOMICALLY PROACTIVE - Reduces the risk of Musculoskeletal Disorders (MSD's) and other injuries caused by lifting, resulting in less time off and greater productivity.

REMOVES DUST & ALLERGENS – Fully contained, vacuum air carries away the dust and allergens. The vacuum air is cleaned by multiple filtration steps, including membrane pocket filter and optional HEPA filter, leaving the work area and exhaust air uncontaminated.

POLY DENSE PHASE MATERIAL FLOW – The patented separating valve enables an uninterrupted flow of bedding to the waste receptacle, increasing the conveying efficiency. Can handle fluids and wet and dry materials.

COMPATIBILITY – The VBRS 9400 is compatible with all standard laboratory bedding materials including: paper pulp and chip, wood chip, shavings, cob and disposable enrichment materials.

ENERGY EFFICIENT – The ISO 9000 manufactured separating valve permits Poly Dense Phase conveying, requiring 1/10th the energy compared to dilute phase to move equivalent amounts of material. Fully documented by empirical tests and published data.

GRAPHIC TOUCH PANEL MICROCOMPUTER CONTROLS – Easy to use with self-diagnostic graphics, condition analysis, alerts and cage count functions. Has optional built in communication and data management capabilities.

FLEXIBILITY IN LOCATION & NOMINAL SPACE REQUIREMENT - The Vacuum System and Transport Tubing enable the bedding to be conveyed up to 700' and 8 floors apart without extra utility room.

REQUISITE COMPONENTS - Self Contained Dump Station – SCD 6800

UTILITY REQUIREMENTS

480v -3 phase, 60 Hz, 50 AMP,
120v, 1/60/ 40 AMP

Compressed Air – 90 psi, 8 CFM capicity, 4 CFM consumption

OPTIONS:

- Ozone Generator eliminates dumpster odors.
- Automated Dump station **ADS 6900**

Refer to specification sheets for specific details

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