



# Vacuum Bedding Waste System

## PRODUCT COMPARISON TABLE

<b>Roe Biomedical Products 9400 Vacuum Bedding Waste System</b>	<b>Other Types Vacuum Bedding Disposal Systems</b>
<p>Discharges waste into any Non-Dedicated compactor, tilt cart or any other multiple user waste container.</p> <p>Patented Separating valve handles wet, dry and some liquid waste animal bedding materials.</p> <p>Entire system can be sterilized in place (SIP).</p> <p>Patented Separating Valve is self-closing to maintain the integrity of the facility.</p> <p>2" (50mm) conveying tubing are easy to install with simplified MEP coordination.</p> <p>Conveying distances capacity exceeds 750' (10 Hp)</p> <p>No maximum of 90° elbows (27 used at one location)</p> <p>No Mechanical Disconnects. Interfaces with the waste container by utilizing a gravity plate for discharge.</p> <ul style="list-style-type: none"> <li>• Self contained sensors for container level and container in-place.</li> <li>• Waste hauler does not change routine.</li> <li>• System detects the presence and status of the waste container.</li> <li>• Gravity plate slides automatically into position when waste container is returned.</li> </ul> <p>Graphic Touch Panel Interface with embedded graphics and self-diagnostics. Makes it easy for operators to understand the status of the entire system, including when remote waste container is full or not present and when dump station is at capacity.</p> <p>PLC has built in communication modem and data acquisition capabilities for in-house and/or remote system management and control.</p> <p>A no-net utility area requirement as a result of the pre assembled Discharge Platform (with separating valve, blower, filters, etc.), sharing the footprint of the non-dedicated waste container.</p> <p>&gt;70 db @ 2'.</p> <p>Odors associated with the waste are controlled with an ozone generator.</p>	<p>Discharges into a sealed dedicated waste container. An additional container is required for general refuse.</p> <p>Rotary valves and louvered receivers are subject to binding with wet material. Not compatible with liquids.</p> <p>Cannot be sterilized.</p> <p>Facility is subject to retro-contamination from out-side sources when system is not operating.</p> <p>4"-6" conveying lines require unobstructed paths with difficult MEP coordination.</p> <p>Limited conveying distance of 350' to 400' (35-75Hp)</p> <p>Limited number of 90° elbows</p> <p>Mechanical Disconnects using a Harting type or similar connectors and other manual connection fittings to the waste container and instrumentation.</p> <ul style="list-style-type: none"> <li>• Waste hauler driver must disconnect and reconnect container as a separate operation.</li> <li>• Subject to damage if not disconnected when removing waste container.</li> <li>• Subject to corrosion and freezing in winter.</li> <li>• Seals for container subject to frequent damage</li> </ul> <p>Operators are unaware of status of system function unless or until operation is disrupted.</p> <p>Controls are limited to operation of system.</p> <p>144 ft. sq. minimum of mechanical utility space / room requirement, with noise reducing hoods, dust collectors with dedicated exhaust ventilation ducting to the outside.</p> <p>&gt;70 db @ 3' with noise reducing hood.</p> <p>No odor control. Charcoal filters requiring frequent changes.</p>