



Vacuum Bedding Waste System

PRODUCT COMPARISON TABLE

Roe Biomedical Products Vacuum Bedding Waste System	Drag Chain Disposal Systems
<p>Patented Separating valve handles wet, dry or liquid waste animal bedding.</p> <p>Patented Separating Valve is self-closing to maintain the integrity of the facility.</p> <p>Entire system can be sterilized in place (SIP).</p> <p>Simple MEP's. 2" SS transport lines are easily located with in interstitial spaces.</p> <p>600' plus system transport distances</p> <p>Dumpstation is movable to allow placement and usage in optimal or convenient locations at any time.</p> <p>Down draft HEPA filtration system in the dumpstation traps allergens and odors.</p> <p>Interfaces with the waste container by utilizing a gravity plate for waste discharge.</p> <ul style="list-style-type: none"> • Self contained sensors for container level and container in-place. • Waste hauler does not change routine. • Gravity plate slides automatically into position when waste container is returned. <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, BAS and/or remote system management and control.</p> <p>A no-net utility space requirement as a result of the Discharge & Platform shares the footprint of the non-dedicated waste container.</p> <p>>70 db @ 2' from vacuum generator. Whisper quiet</p> <p>Odors associated with the waste are controlled with an ozone generator.</p>	<p>Drag chain and transporting disc are subject to "carry back" with wet material, not compatible with liquids.</p> <p>Facility is subject to retro-contamination from with "carry back" and from outside sources, such as flies.</p> <p>Cannot be sterilized.</p> <p>4" Conveyor tube restricts location with HVAC and other mechanical equipment.</p> <p>200' maximum distance</p> <p>Dumpstation is fixed into position and cannot be relocated when position is incontinent.</p> <p>Exposure to allergens, dust and odors at mechanical dumpstation.</p> <p>Interfaces using manual connections with waste, requires threaded fittings for container instrumentation.</p> <ul style="list-style-type: none"> • Waste hauler driver must disconnect and reconnect container as a separate operation. • Subject to damage if not disconnected when removing waste container. • Subject to corrosion and freezing in winter. <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 utility space requirement, with noise reducing hoods, dust collectors and ventilation.</p> <p>>70 db @ 3' with noise reducing hood. Intrinsic friction noise throughout system.</p> <p>No odor control. manual connections</p>