



Product News

Pharma Grade Filter Receiver allows higher Capacity while maintaining Cleanability

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Whitstable, United Kingdom & Bethlehem (PA), United States –

Flexicon's PNEUMATI-CON® Pharmaceutical Grade Filter Receiver for medium- to high-throughput vacuum and positive-pressure conveying of extra-fine, difficult-to-handle and/or contamination-sensitive bulk solid materials, features designs to readily change/inspect filter cartridges and sanitise the interior.



PNEUMATI-CON® Pharmaceutical Grade Filter Receiver for vacuum and positive-pressure systems offers total dust containment and tool-free interior access. (Pictures: ©Flexicon Europe Ltd.)

A gas-spring-operated lid provides access to a removable filter plate, allowing cartridge filters to be removed and inspected or cleaned from the top, eliminating product hold up points and cleaning difficulty associated with side access doors and bolted-in filter plates. Tri-clamp fittings additionally allow rapid disconnection and cleaning of all accessory parts and lines.



Hinged lid allows rapid removal of tapered filter cartridges, and unobstructed interior access for sanitising and visual inspection of material contact surfaces.

Constructed of #316L stainless steel to pharmaceutical standards, the receiver housing is devoid of interior ledges, cavities or recesses that could harbour contamination, and features three tapered filter cartridges that separate conveyed material from the air stream. Automatic reverse pulse-jet cleaning of the pleated filter media maintains separation efficiency, while the tapered filter design improves material release.

Available in 450 and 610 mm diameters, the design can accommodate level sensors, pressure monitors, and other accessories.

Typical applications include separation of bulk pharmaceuticals, nutraceuticals, foods, and other contamination-sensitive materials being conveyed to tableting machines, packaging lines and other downstream processes.