



Operating Principle

- Reverse Pulse Technology extends maintenance intervals and improves process productivity by rapidly introducing atmospheric air or inert gas into the system.
- This process purges dust from loaded filters and allows the particles to settle in the bottom chamber for easy disposal.

Features

- Integrated reverse pulse technology unloads and extends filter life; improving maintenance intervals and process run time
- Safeguard pumps from harmful particles (SiO_x, GAN, etc.)
- Prevents particles from contaminating pump oil
- Prevents build up and seizing in dry pumps
- Integrated support stand
- Removable base for easy cleaning access
- Carbon steel or stainless steel housing construction

Technical Specifications

- Vacuum Leak Rate: 1×10^{-5} mbar l/sec
- Vacuum Rating: Medium vacuum service**
- Face Velocity @ 20 ft/min (.10 m/sec)

** See Vacuum Filter Technical Data for vacuum service data.

Vacuum Filtration for Solar, Semi-Con, LED, Coating

Reverse Pulse Filter: RX Series



Series Specific Applications

- Vacuum furnaces for crystal growing, steel, titanium, etc.
- Vacuum coating and lamination
- Wet & dry vacuum pumps & systems
- Compatible with most dopants
- Backstreaming

Benefits

- Extends filter life improving maintenance intervals and process run time
- High conductance design
- Lower costs from unnecessary piping
- Large liquid/slurry holding capacity
- Easy maintenance (removable base)
- Reduced footprint

Options

- Configured and custom designs
- Nonstandard finishes
- PTFE media: Temp (continuous): 104°C (220°F)
- Dutch Twill media: Temp (continuous): 190°C(375°F)
- ASME, PED rated vessels
- Parallel filtration systems
- Valves for semi or fully automated system operation
- Vacuum Leak Rating: 1×10^{-8} mbar l/sec
- Contact factory for model offering and availability