

Pneuclean™ Pneumatic Filtration System

The Pneuclean™ unit is designed to remove microscopic particles generated by blowers during pneumatic conveying of contaminant-sensitive dry bulk products. Contaminants such as iron and hydrocarbons are produced by blowers and can adversely affect dry products such as plastic pellets and food materials.

These filter units are typically used on dry bulk tanker trucks and placed after the blower and before the bulk storage tanker. This in-line pneumatic system is also suitable for industrial applications or wherever microscopic filtration (up to 4 microns) of impurities is required.

Standard units employ 4" inlets and outlets. However, 3" plumbing can be used with available weld-on 4" x 3" female NPT adapters.

Special cartridge-style filter elements have a typical life expectancy of approximately 12 months or 2000 hours of service.

In-Line High Pressure Air Filtration for 4" Air Lines

- Redesigned heavy duty aluminum canister
- Easy to inspect and service
- Noise reduction, filter reduces noise by 13.8 db at 600 CFM
- FDA medium with 99.99% maximum efficiency at 4 microns
- Maximum air flow 1000 CFM's
- Back pressure: .05 PSI
- Quick release V clamp for easy inspection
- Overall weight 26 lbs.



Complete Pneuclean™ Systems

Part #	Description
PC5000	Pneuclean™ canister / filter schedule 40 pipe inlet and outlets
PC5000AA	Pneuclean™ canister / filter schedule 4" cam adapter inlet and outlets
PC5000VV	Pneuclean™ canister / filter 4" victaulic inlet and outlets

Replacement Parts

Part #	Description
PC5001	Pneuclean™ filter element
PC5003	Mounting bracket (sold separately, 2 required)
PC5004	Lid V clamp
PC5005	Lid O-ring
PC5006	Bottom gasket
PC5007	Lid