

Pneuclean™ Pneumatic Filtration System

Application:	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 air blowers and can adversely affect dry products such as plastic pellets and food materials. These filter units are typically mounted on dry bulk tanker trailers, but can also be mounted on the tractor. Units are 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.
Standards:	Standard units employ 4" inlets and outlets, choose from schedule 40 pipe, grooved pipe, TTMA flange or 4" cam and groove adapter connections (3" plumbing can be used with available weld-on 4" x 3" cam and groove adapters). FDA approved filter medium.
Materials:	Aluminum canister and lid, stainless V clamp
Features & Benefits:	<ul style="list-style-type: none"> • Variety of connection types (see chart below for details) • Heavy duty aluminum canister • Overall weight 26 lbs. • Maximum air flow 1000 CFM • Special cartridge-style filter element has a typical life expectancy of approximately 12 months or 2000 hours of service • Noise reduction filter reduces noise by 13.8 db at 600 CFM • FDA medium with 99.99% maximum efficiency at 4 microns • Back pressure: 0.05 PSI • Quick release V clamp for easy inspection and servicing



PC5000



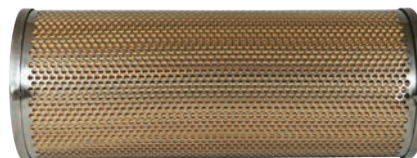
PC5000TTTE

Part #	Description
PC5000	complete Pneuclean™ filtration system with 4" schedule 40 pipe inlet and outlet
PC5000-002	complete Pneuclean™ filtration system with 4" schedule 40 pipe inlet and outlet with Outer Perf Element
PC5000AA	complete Pneuclean™ filtration system with 4" cam and groove adapter inlet and outlet
PC5000VV	complete Pneuclean™ filtration system with 4" grooved pipe inlet and outlet
PC5000TTTE	complete Pneuclean™ filtration system with 4" TTMA flange inlet and 90° 4" male NPT outlet
PC5003	mounting bracket (sold separately, 2 required)

Replacement Parts



PC5001



PC5001-002

Part #	Description
PC5001	replacement Pneuclean™ filter element
PC5004	replacement V-clamp for securing lid to body
PC5005	replacement lid O-ring seal
PC5006	replacement canister bottom gasket
PC5007	replacement lid
PC5001-002	replacement Pneuclean™ filter element with 304 stainless steel screen

Product instruction sheets and technical data, can be viewed on our website at dixonvalve.com