

## PNEUMATIC FILTRATION SYSTEM



DATE  
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SKU  
: 17187

BRAND  
: DIXON VALVE

MODEL  
: PC5000

### Applications:

Designed to remove microscopic particles generated by blowers during pneumatic conveying of contaminant-sensitive dry bulk products. This in-line pneumatic system is also suitable for industrial applications or wherever microscopic filtration (up to 4 microns) of impurities is required.

### Specifications:

Back Pressure: 0.05 PSI  
Noise reduction filter reduces noise by 13.8 db at 600 CFM  
FDA medium with 99.99% maximum efficiency at 4 microns

### Features:

Special cartridge-style filter element has a typical life expectancy of approximately 12 months or 2000 hours of service  
Quick release V clamp for easy inspection and servicing

### Construction:

Heavy duty aluminum canister and lid  
Stainless V clamp

### How it works:

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 in 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.

### Note:

2 mounting brackets (sold separately) are required for use

\* Referential image

\*\* Some features may vary without prior notice. Sale subject to inventory availability

Safety notes:

WARNING: Cancer and Reproductive Harm- [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## TECHNICAL SPECIFICATIONS

<b>Flow</b>	1000 CFM maximum
<b>Inlet</b>	Schedule 40 Pipe
<b>Material</b>	Aluminum
<b>Outlet</b>	Schedule 40 Pipe
<b>Factory Part Number</b>	PC5000
<b>Size</b>	4"
<b>Weight Lb</b>	24.9000