



# Pharmaceutical

## PROCESSING

*Dust collectors used in pharmaceutical processing often require modifications including ledge-free design, stainless-steel finish and wash-down capabilities.*

**S**pecial consideration must be taken when choosing an air cleaning system for pharmaceutical processing. Fine dusts and powders emitted during production can pose a threat to the respiratory health of employees and jeopardize the purity of end-products—especially when the dusts are sub-micron in size.

United Air Specialists SFC downward flow cartridge dust collectors are the ideal solution for emissions given off during pharmaceutical formulation processes. In addition to powder reclamation, our systems provide cleaner air, longer filter life, easy maintenance and overall cost savings. The SFC is available in a variety of sizes, and can be used full-time or for various batch operations.



*SFC 48-4 used for dietary supplement blending, compression and tableting.*



*SFC 16-4 used for blending nutritional powders.*

- Blending
- Coating
- Cross-Contamination Control
- Drying
- Encapsulating
- Granulating
- Mixing
- Packaging
- Polishing
- Product Recovery
- Sorting
- Tablet Pressing



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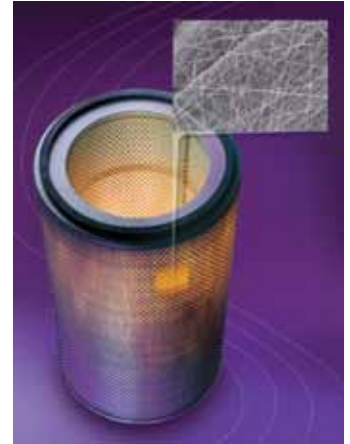


## SFC Dust Collectors—Less Energy Usage

The SFC uses an obstruction-free, horizontal filter arrangement with our patented pulse cleaning mechanism to effectively clean the cartridge filters. At any point along the cartridge, the SFC provides 25% or more pulse cleaning power than other similar sized systems. As a result, fewer pulses are needed, and less compressed air is used—a significant savings over the life of the unit.

## Protura® Nanofiber Cartridges Cost Less Long Term

United Air Specialists' MERV 15 cartridge filters last up to twice as long as standard commodity filters. Protura Nanofiber filters also ensure low pressure drop due to an extremely fine web-like coating on the surface of the filter. As a result, you get the best of both worlds—less filter changes and lower energy costs—because less pulse cleaning is required.



*Protura® Nanofiber filter*



*Explosion Vent*



*Bag In/Bag Out Filter Change*



*Safety After-Filter*

## Many pharmaceutical companies add the following options to their dust collection systems:

- Bag In/Bag Out Filter Change
- Bin Level Indicators
- Clean In Place (CIP)/Wash Down Capability
- Explosion Vents
- HEPA Safety After-Filter
- Ledge-Free Design
- Polished Finish
- Stainless Steel 304 & 316
- Fire/Explosion Suppression System

To find your local UAS manufacturer's representative, visit

**[www.uasinc.com](http://www.uasinc.com)**

or call Customer Service at

**800.252.4647**



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