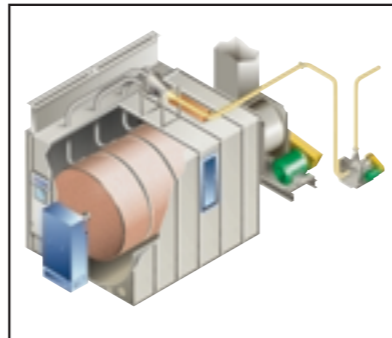
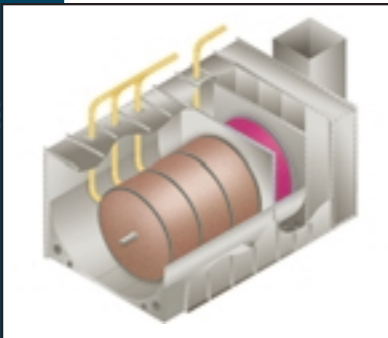


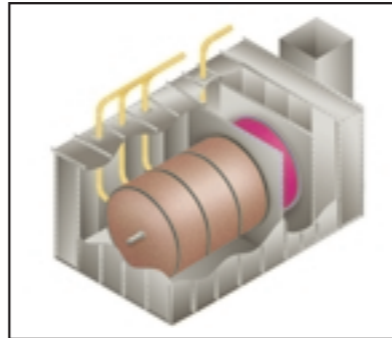
Basic Filter
with Cartridge Filter



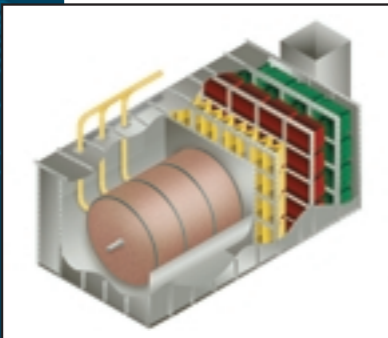
Top Inlet Phoenix™
Drum Filter System



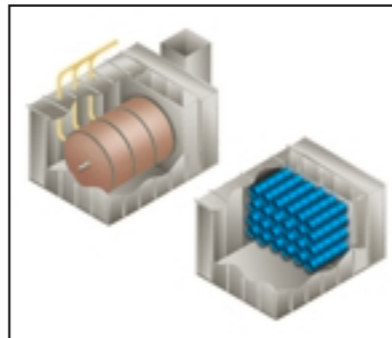
Phoenix™ Filter
with Disk Filter



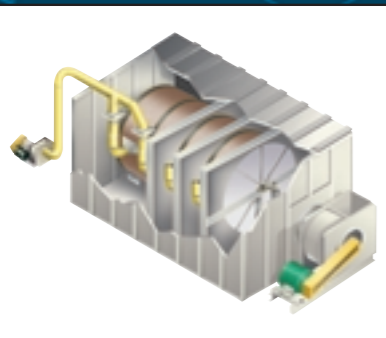
Basic Filter
with Disk Filter



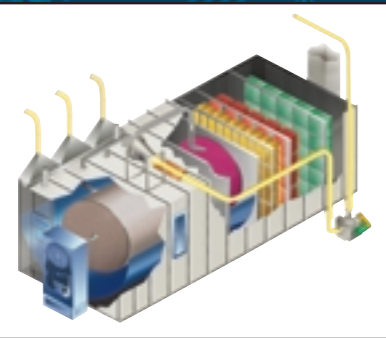
Phoenix™ Filter
with Passive Section



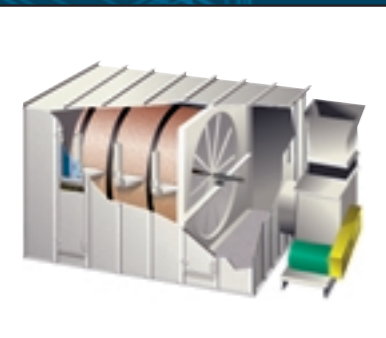
Basic Filter with
Remote Final Filter



Multi-Line
Drum Filter System



Phoenix™ Composite
Drum Filter System



Basic Drum Filter System



**OSPREY
CORPORATION**

1835 Briarwood Road, NE Atlanta, Georgia 30329
Tel.: (404) 321-7776 Fax: (404) 634-1401
www.ospreyfilters.com
e-mail: sales@ospreyfilters.com

PURPOSE

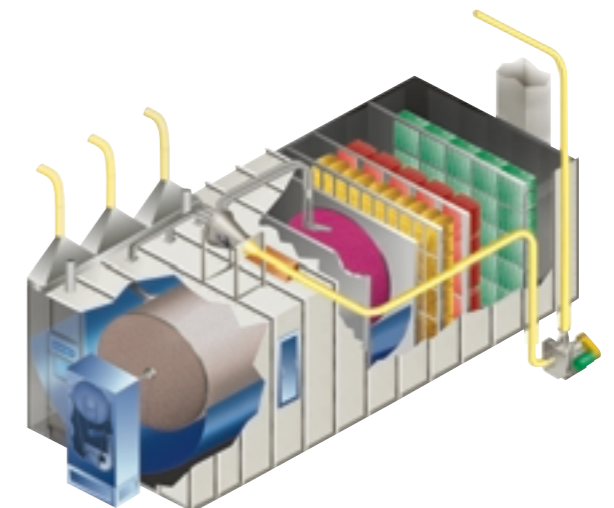
Simultaneously filters particulate material from multiple process airstreams, maintains air volume and static pressure, and returns material to production.

APPLICATION

Filtration for Soft Disposable forming processes including diapers, sanitary napkins, and adult incontinence pads; Fluff Reclaim, Bale Opening, SAP Extraction, Cull Collection, and Scrap Collection Systems.



Dust Collection For Feminine Hygiene Product Lines

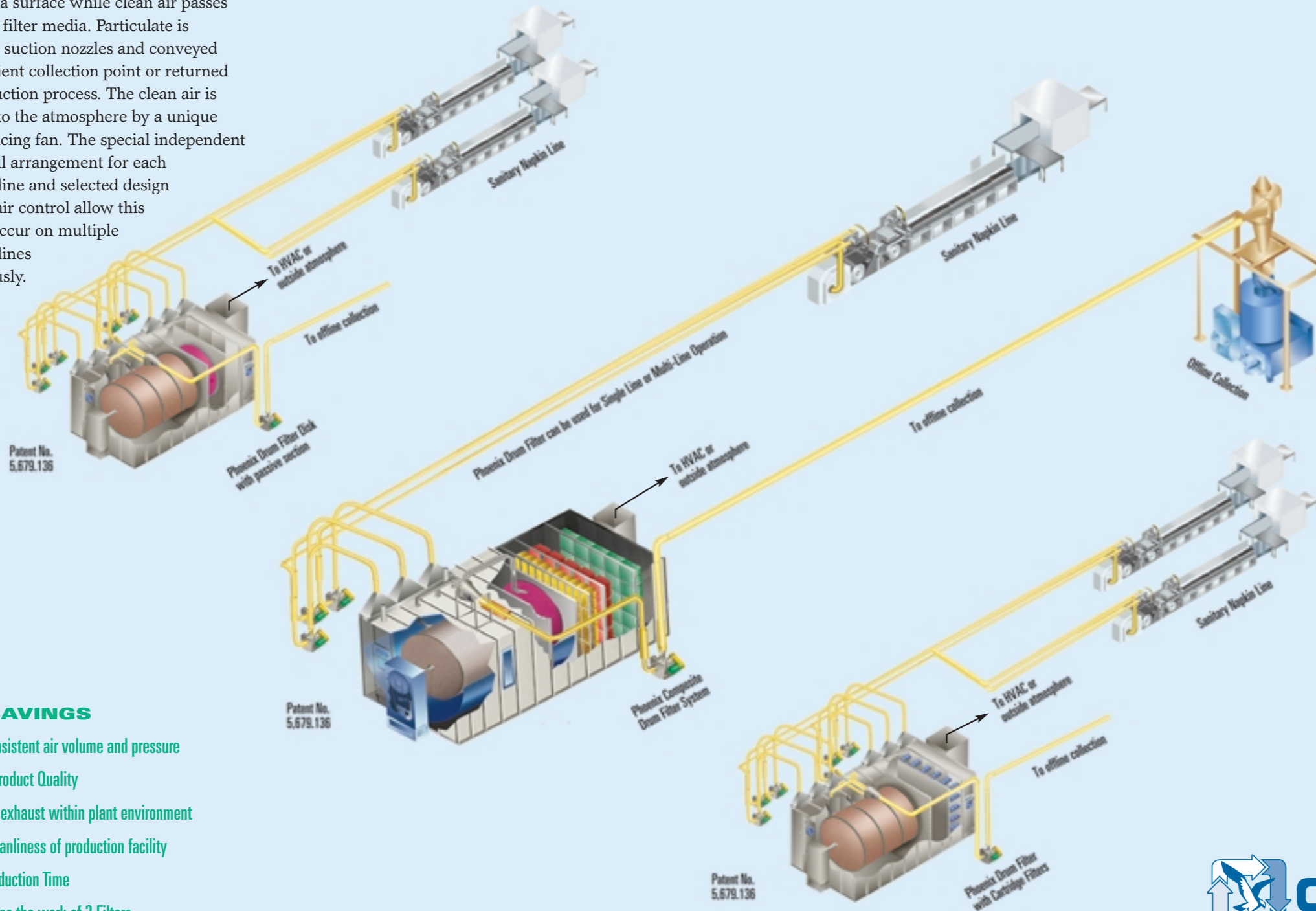


Phoenix™ Composite
Drum Filter System

Patent No.
5,679,136

OPERATION

Process air is ducted to independent filtration cells within a Rotary Drum Filter Enclosure. The airborne particulate/fiber is deposited on the media surface while clean air passes through the filter media. Particulate is removed by suction nozzles and conveyed to a convenient collection point or returned to the production process. The clean air is discharged to the atmosphere by a unique airfoil balancing fan. The special independent filtration cell arrangement for each production line and selected design features of air control allow this process to occur on multiple production lines simultaneously.



COST SAVINGS

- Maintain consistent air volume and pressure
- Consistent Product Quality
- Return Filter exhaust within plant environment
- Improves cleanliness of production facility
- Increase Production Time
- One Filter does the work of 2 Filters

FEATURES

- One filter for 2 production lines simultaneously or single line operation
- Predictable and constant air pressure for reliable, continuous suction on 2 lines simultaneously
- Self-cleaning design returns valuable fiber to production or to off-line collection
- High efficiency filtration provides clean air to outside the plant environment or back into the plant
- High pressure design
- Drum diameters from 4' to 12'
- Drum lengths up to 20'
- Fluorescent Lights
- Rotary Diverter Valve for alternate cleaning and no product distortions
- Space Saving design
- High volume filtration

OPTIONS

- Custom Enclosure design
- Very high pressure design
- Outside drive
- Off-Line Collection
- Final Filter for efficiency of 99.96%

