

# FOOD PROCESSING

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## The Food Processing Industry is Vast

A broad range of applications fall into the food processing category including raw materials handling, finished goods processing and cooking and frying. The processes within these applications generate contaminants that can be hazardous to the surrounding area, be that indoors or outdoors or both as well as pose safety risks to the plant and employees.

Some applications generate contaminant by-products that require air pollution control measures, such as baghouses or cartridge collectors. For example, cooking by-products from deep frying or smoking generate outdoor emissions which may require electrostatic (ESP) collectors.

### You can eliminate common issues with the right filtration solution:

- Limit downtime with longer lasting, more efficient filters
- Save money by reducing your energy costs from wasted compressed air
- Increase airflow capacity on your spray dryers and ovens
- Minimize agglomeration caused by humidity or sticky particulate
- Eliminate material transfer and material build up issues

We understand the challenges facing the food industry and strive to fix every issue one collector at a time; while not applying a "one size fits all approach".

### Benefits from food processing dust and mist filtration include:

- Protection of workers' health and minimized potential long term liability
- Improved product quality
- Increased facility safety
- Reduced housekeeping
- Improved machine reliability
- Regulatory compliance

## Product Solutions for Collecting Food Processing Dusts

We deliver unparalleled support. We produce, install, inspect and troubleshoot after the sale, all from a single source. You will find we have the most comprehensive selection of commercial and industrial filtration products and systems in the market that can be utilized to safely control food processing contaminants. The list below indicates our products that are most commonly applied into these applications. Our application engineers can help you select the right product with the appropriate options and accessories such as explosion vents (swing door or rupture panels), sprinklers, safety after filters, dust collection filters for your baghouse, rotary air locks and more to meet your specific application and facility needs.

### You will find the most suitable solutions for your application below:

- [SFC Series Downward Flow Cartridge Dust Collectors](#)
- [C Series Cyclone Dust Collectors](#)
- [SDC Series Shaker Dust Collectors](#)
- [MCB Series Cross-Ventilation Dust Collectors](#)
- [Baghouse/Media Collectors](#)

### And don't forget we also offer a wide breadth of filter elements for dust collection:

- [BHA Filter Bags & Cages](#) complete range of fabric filter bags for your dust collection system in a wide variety of fabrics, finishes, styles and sizes
- [BHA PulsePleat Filter Elements](#) improve existing system performance and capacity without costly equipment modification
- [BHA ProTura Cartridge Filters](#) proven to achieve higher initial efficiency, cleaner air, lower pressure drop and greater energy savings
- [BHA Preveil ePTFE Membrane & Filters](#) for a Best Available Control Technology and superior dust cake release
- [BHA Powerwave Acoustic & Impulse Cleaning Systems](#) for low-energy & low-maintenance material handling improvement
- [Particulate Monitoring and Control Solutions](#) with proven baghouse/dust collector system optimization, energy reduction and emission monitoring systems

