

BHA® Filtration – Removing fine particulate from the gas stream

Focus:

Responding to unexpected growth driven from the global pandemic

Challenge:

Meeting incredible customer growth in a condensed timeframe, while controlling costs

Solution:

Parker Leverlock dust collectors, dust cartridge filters, pulse valves, solenoid valves, door seals, and fan parts

Impact:

The Leverlock collectors were installed after the cyclone collectors to ensure the small particulate was captured from the gas stream. Each Leverlock was outfitted with BHA® dust cartridges



Summary

A global company offering a broad range of food packaging and foodservice products.

Challenge

The plastics industry has experienced rapid growth due to the significant increase in demand for food containers from restaurant carry-out orders, fast food establishments, food trucks, carts, or stands, and other types of eateries. Our customer immediately responded to the increase in demand by adding additional production lines but they had a limited amount of floor space in their facility.

Our customer's collection processes required the removal of large pieces of plastics from the raw material before feeding the material to the plastic extrusion process. The customer used cyclone dust collectors which removes the large particles from the air but was inefficient at collecting the fine particulate in the gas stream.

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Solution

An existing customer of Parker's using BHA® PulsePleat® filters, dust cartridges, and filter bags across their many locations. They value Parker's expertise and proven ability to react quickly to supply the dust collection filters they needed, plus the quality of the filters was unmatched, so they decided to give us a call.

After discussing the situation with the customer, it was determined that adding Parker Leverlock dust collectors to each production line in this location would be the right solution. The Leverlock collectors were installed after the cyclone collectors to ensure the small particulate was captured from the gas stream. Each Leverlock was outfitted with BHA® dust cartridges, when it comes to dust cartridge filters, we're known for delivering filters that provide higher efficiencies with cleaner air, longer filter life, and greater energy savings

Impact

Parker delivered a high-quality filtration solution and prompt service, critical to the success of our customer who was desperately trying to keep up with their customer demand.

We recently visited the location and inspected the dust collectors. A written report outlining proper dust collector operation and pulse jet cleaning was provided. Once the recommendations have been implemented, we will further outline the impact this new solution has had on their plant and operating goals.

Parker is at the forefront of technology and innovation; we develop and manufacture proprietary filter media technologies using our advanced research capabilities to ensure the latest developments are in our filters. Our products are also performance certified by 3rd party testing services, and you can trust our products will perform reliably.