

US manufacturer of Pig feed was able to eliminate dusty work environment and reduce maintenance clean-up times

Challenge

The customer was experiencing severe dust leakage in the immediate area where their 25-bag bottom load baghouse vented a rolling mill that crushes corn for pig feed. The baghouse utilized 16 ounce polyester felt raw edge top filter bags. The bags were installed incorrectly by not flattening out the folds around the bag cup allowing dust to bypass through to the clean side of the baghouse. The fan, located after the baghouse, was blowing dust out of the exhaust and dispersing fine particulate throughout the entire room. This made for a very unsanitary environment for workers, and yielded a loss in finished product.

Solution

After consulting with CLARCOR Industrial Air solutions experts, it was recommended the customer install 25, 1-meter BA140 BHA® PulsePleat® filter elements with spunbond polyester. The soft polyurethane top allowed for a squidgy-fit making an easy leak-free installation.

Result

- Although the BA140 pleated elements were only 1 meter (39.37") in length, they each provided nearly 4 times the surface area of a filter bag of similar length.
- The customer has reported a spotless immediate area around the baghouse due to not having any dust leaks like they had with traditional filter bags.
- Much faster installation and less clean-up needed in the area.
- Increased production resulting from the ability to capture more product.



The urethane tops on the shorter BHA PulsePleat BA140 filter elements allow for an easy, leak-free installation, increase cloth area, allow customers to capture more of their valuable product, and shorten maintenance clean-up time & installation.