



MICRO AIR RP1 Twister in Food Processing

CLEAN AIR SOLUTION REPORT

Application: Dust Collection in Processing Food

Location: West Haven, CT.

Products: Food Grade RP1 Twister

Challenge:

Dusts produced when manufacturing and processing food products create a number of significant challenges. Dust particles often become airborne, which can threaten employee health and cause combustible dust incidents.

A food processing plant in Connecticut required an NFPA compliant solution for collecting contaminants generated in their processes.

Solution: Aquest Corp., Micro Air's Engineered Systems Distributor in the Northeast territory, after working with ownership to determine what their current and expected needs were, decided that multiple food-grade RP1 Twisters, one ea. located at each mixing station would solve their current problems and provide *Breathe Easy*, clean safe air in the facility.

Micro Air Advantage:

Aquest Corporation utilized numerous food-grade versions of the Micro Air **RP-1 Twister**. The stainless steel units, equipped with wash-down motor and electronics and washable polyester filters, allowed the manufacturer to remove several old, large, non-NFPA-compliant and inefficient centralized dust collectors from their facility.

The **RP1 Twister** is a versatile 1,000 cfm cartridge collector, which fully complies with NFPA combustible dust standards by adhering to the *less than 8 cu. ft. volume rule*, and returns heated and cooled exhaust air back into the building. Aquest

worked with the manufacturer to win significant energy rebates and incentives from the State, as well as providing significant and on-going reduction in their energy consumption.



Phone: 866-566-4276
Fax: 316-219-2995
Email: info@microaironline.com

<http://www.microaironline.com>

Micro Air
PO Box 1138
Wichita, KS 67201