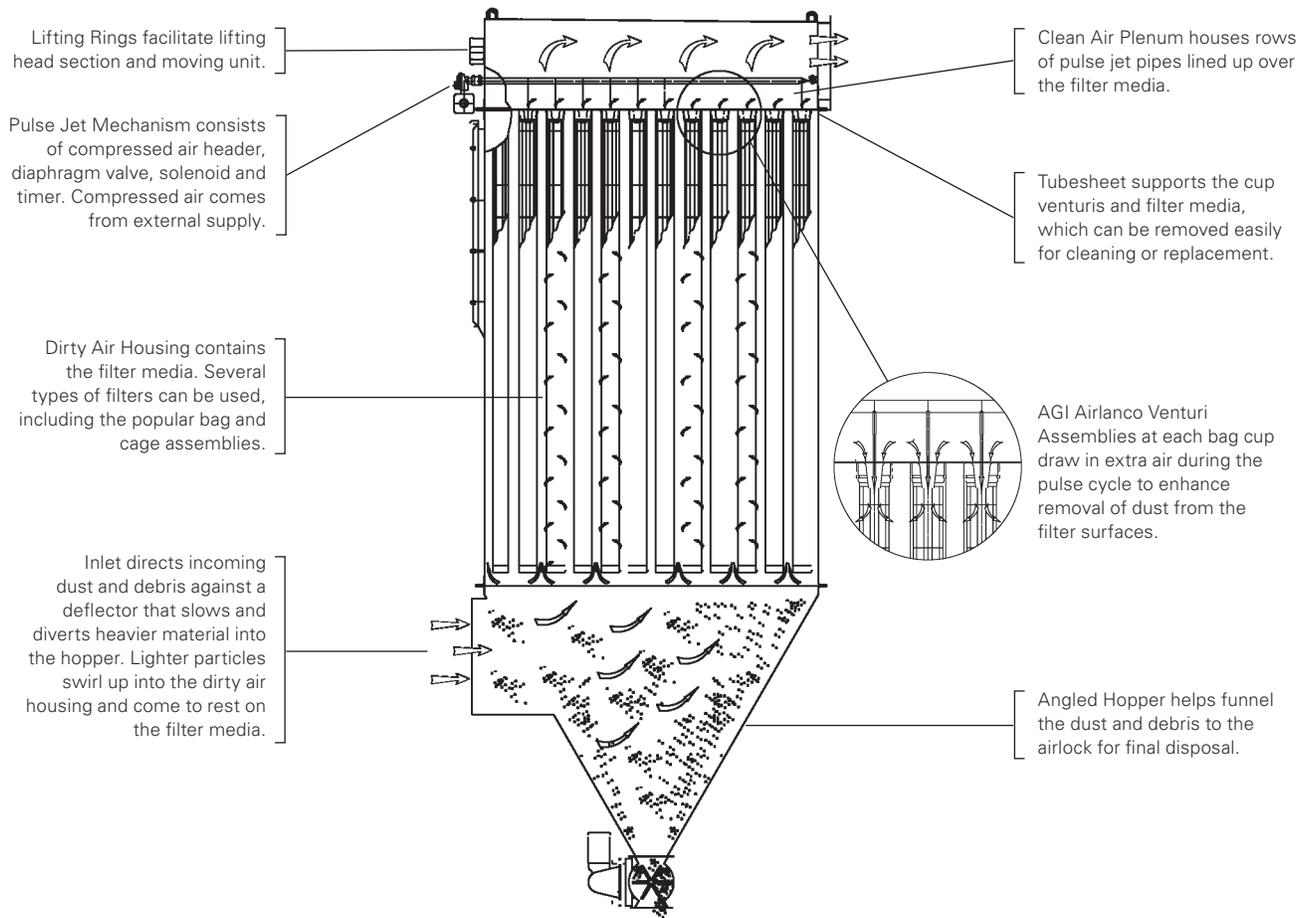


A photograph of an industrial facility featuring a large white rectangular pulse jet filter unit. The unit has a metal walkway on top and is connected to a large corrugated metal building via a complex system of white ductwork. A train car is visible in the foreground, partially obscured by a green overlay. The background is a dark, overcast sky.

AGI  AIRLANCO
PULSE JET FILTERS



Get the Model, Size and Filter Right for Your Needs



AGI Airlanco Pulse Jet Filters come in a variety of shapes, sizes, and filter bag layouts to fit a broad range of applications, but the cleaning cycle remains the same throughout the line of products.

Dust-laden air or gas enters the Pulse Jet Filter through a hopper inlet and is directed toward a deflector that slows the airflow and causes heavier particles to fall directly in the hopper. Lighter airborne particles follow the air stream into the filter area and collect on the outside surfaces of the bag filters. The filtered air then flows into the clean air plenum and exits the unit. Sequential signals from a timer open valves, which allows short bursts of compressed air to reverse the airflow in each row of bags. This dislodges the surface dust from the bags so that it falls into the hopper.



CAUTION
COMPRESSED AIR
DISCHARGE AREA

AGI AIRLANCO

CAUTION

CAUTION
DO NOT OPEN
DOOR WHILE SYSTEM
IS OPERATING

CAUTION
COMPRESSED AIR
DISCHARGE AREA

CAUTION
DISCONNECT ALL
POWER SOURCES
BEFORE SERVICE

AGI AIRLANCO

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AGI



STORAGE



STRUCTURES



PROCESS



HANDLING



TECHNOLOGY



ENGINEERING



PROJECT MANAGEMENT

AGI is a leading provider of equipment solutions for agriculture bulk commodities including seed, fertilizer, grain, and feed systems with a growing platform in providing equipment and solutions for food processing facilities. AGI has manufacturing facilities in Canada, the United States, the United Kingdom, Brazil, India and Italy and distributes its products globally.