

AIR MANAGEMENT SYSTEMS



# AGI Airlanco

Nation's Leading Name in Aeration

## Dependable Performance

AGI Airlanco makes dependable centrifugal and axial fans, ducting, transitions and other sheet metal and aeration products that are used daily across North America. AGI Airlanco is constantly improving the fan and air duct designs to handle new and more demanding applications.

## Combine Energy-Saving Aeration and Efficient Hazard-Free Unloading with AirAuger Systems

Empty bins safely and completely with AGI Airlanco's dual-purpose AirAuger System. By combining pitched flooring, troughs that connect to exterior ductwork, precision perforated decking and proprietary AGI Airlanco technology, AirAuger systems efficiently empties product that would otherwise bridge or get hung up in the storage unit. Fans, controls and all serviceable components are mounted outside the storage bin for safety.

# Aeration Leads the Field



## Centrifugal Fan

AGI Airlanco centrifugal direct-drive fans are ideal for wet grain storage, where high static pressure designs are required.



## Axial Fan

Axial Fans are engineered for maximum air delivery. Propellers are cast of shatter-resistant aluminum and statically and dynamically balanced before shipment.



## Aeration Accessories

AGI Airlanco makes and adapts the special transitions, ducts and fittings that are needed to build complete aeration systems.



# Dust Collection Equipment



**RLP Reverse Air**

Low-Pressure Reverse Air Filters have an integral fan to provide thorough and efficient bag filter cleaning without the expense of a compressed air supply.



**E-86 Cartridge Filter**

Due to the pleated, washable spun bond polyester filters, the E-86 Series Cartridge Filter provides high filtration efficiencies in compact housing.



**AVS Pulse Jet**

The AVS Pulse Jet has filter bag access through a side door and can be ordered with a hopper, support legs, ladder, service platform and top or side-mounted fan.



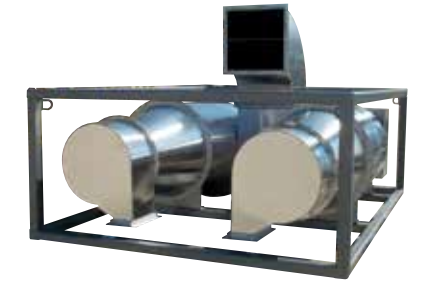
**AST Pulse Jet**

The AST Pulse Jet Filter has top removal doors for convenient filter media access.



**HE Cyclones**

HE Cyclones can be ganged to handle high-moisture, high-temperature and high-air volume applications.



**Horizontal Cyclones**

This space-saving custom-built unit was designed to collect the exhaust of a high-temperature cereal dryer.



**Machined Airlock**

AGI Airlanco Machined Airlocks have fabricated rotors and rugged cast housings of carbon or stainless steel built for high-pressure, heavy-duty applications.

# Pneumatic Conveying Enhances Efficiency

Pneumatic conveying is a common extension of our air management capabilities and an expected choice for moving dry bulk solids efficiently through any plant. Field-proven components used in the filtration systems are essential parts of our pneumatic conveyors. The reliability built into AGI Airlanco's time-tested Airlocks, Pulse Jet Filters and Cyclones is now incorporated into systems you can use to streamline product handling and control dust in new or existing facilities. AGI Airlanco's engineering staff will be glad to demonstrate the tangible advantages of installing an AGI Airlanco Pneumatic Conveying System when an expansion or retrofit of a processing operation is needed. AGI Airlanco equipment can save time, labor and expense, eliminate material handling problems.



**Bag Dump**  
Self-contained AIRLANCO Bag Dump Stations contain a built-in fan and pulse jet cartridge filter for clean and efficient dust removal.



**Blower Package**  
Positive Displacement Blower Packages offer a full complement of safety features and silencers. Vacuum, pressure and combination models are available.



**AVR Receiver**  
Pneumatic AVR Receivers are robustly built for high-vacuum operation and feature tangential inlet design and compressed air cleaning of filter media.



# Serving Industries Worldwide

- Wood
- Grain
- Seed
- Biomass
- Biofuels
- Food
- Feed
- Chemicals
- Mining
- Milling
- Baking
- Pharmaceuticals
- Cement
- Plastics
- Rock Products
- Power Plants
- Foundry
- Fiberglass
- Coal
- Steel
- Recycling
- Pet Food

## Replacement Parts For Aeration, Filtration, and Pneumatic Conveying Systems

### Get All Your Parts From One Source

AGI Airlanco's Service and Parts department stocks a full range of replacement parts for filters, fans and airlocks. The inventory includes commonly requested parts for equipment made by other manufacturers as well as for our own products. Therefore, it is likely that all parts and maintenance items needed are from the same source. Fabric filters of many types and sizes, cages, cartridge filters, diaphragm valves and other replacement parts are normally in stock and ready for immediate shipment.

### Fast and Responsive Service

AGI Airlanco values the timetable specifications in order to meet equipment needs, when repairs or parts are needed, AGI Airlanco will respond quickly to customer needs.

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|-------------------------|---------------------|
| • Elbow Silencers       | • Saddle Tees       |
| • Barrel-Type Silencers | • Three-Piece Wyes  |
| • Vibration Dampeners   | • Cages             |
| • Gravity Vents         | • Filter Bags       |
| • Shutters              | • Cartridge Filters |
| • Manifold Fittings     | • Airlocks          |
| • Roof Exhausters       | • Pneumatic Tubing  |
| • Ducts and Accessories | • Diaphragm Valves  |
| • Spiral Seam Pipe      | • Solenoid Valves   |
| • Butterfly Valves      | • Timer Board       |



