

INDUSTRIAL FANS

RADIAL TIP DESIGN



Radial-Tip Belt Drive Fans

Engineered for the Demands of Your Application

AGI Airlanco Radial-Tip Industrial Fans are durably built to provide safe and dependable operations. They are major components in dust collection systems and cyclone receiver installations and are also used for make-up air or general ventilation duty. With more than 30 years of manufacturing techniques in the air management industry, AIRLANCO is able to design for a wide range of conditions with capacities from 1,000 to 100,000 CFM.

Our engineers evaluate your facilities ventilation, dust collection needs, and the volume of air that must be moved or cleaned to achieve your desired comfort or air quality level. Their certifications and experience ensures that your AGI Airlanco Fans will have the right application-sensitive features and meet your requirements.

Radial-Tip Fan Construction

- Static and Dynamic Balancing ensures reliable wheel operation.
- Bearings are sized for the application, whether roller or ball type, and L-10 rated.
- V-Belt Drive allows you to change fan speed and CFM with a simple change of pulleys and belts. Safety guards are standard equipment.
- Wheels and Shafts come with machined keyways and set screws. Carbon or stainless steel shafts are turned, ground, and polished.
- Housings and Fans Blades come standard in carbon steel but can be ordered in stainless steel, aluminum, HastAlloy, and combinations thereof.
- Pipe Tap Housing Drains allow continuous draining of moisture from fan housings.
- Flanged Inlets and Outlets accommodate your ductwork.
- Optional Inlet and Outlet Dampers let operators adjust airflow without changing fan speeds.
- Bolted Clean-Out Doors facilitate checking wheel condition and cleaning the fan interior.
- Optional Exhaust Stacks are used to elevate air discharge to the exterior of rooms or buildings.
- Rain Hoods protect both inlets and outlets from rain infiltration.

DH Radial-Tip Fan

Arrangements 1 & 9 Available

The typical range for this DH fan is 1,000 to 100,000 CFM. This radial tipped fan can handle light to moderate dust loads. These fans can be used on the discharge of a cyclone.



LS Radial-Blade Fan

Arrangements 1 & 9 Available

LS Fans are normally set up for 1,000 to 100,000 CFM. This material handling fan can handle heavy particulate loading with no problems. These fans can be used for negative airlift conveying systems.



BI Backward Inclined Fan

Arrangements 1 Available

This high capacity fan has a range from 10,000 to 100,000 CFM. This fan is typically used to handle clean air from the discharge of a filter.



AIRLANCO is an AGI Brand.

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.

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