

Conveyostat

IN-LINE IONIZER

Conveyostat Systems are designed to provide in-line ionization for neutralizing static charges on materials passing through pneumatic conveying systems to prevent them from becoming jammed.

- Neutralizes conveying trim materials including metalized films
- Resistively coupled static bars enhance safety and prevent hard arcs
- Dual-phase ion generation ensures high neutralization rates
- Units available for indoor and outdoor installations
- Straight, flanged and rolled edges available
- Dual Phase+ power supply includes short circuit detection





Specifications

| | |
|--------------------------|--|
| Input Voltage | 120VAC, 60Hz, 0.5A 240VAC, 60Hz, 0.25A |
| System Components | One ionizer housing (tube) and dual phase AC power supply |
| Housing | Stainless steel tube standard |
| Standard Lengths | 24" for indoor units with or without a rolled edge. 36" for outdoor units with flanges. |
| Diameter | 2"-12". Call for larger sizes |
| Standard Velocity | 5200 FPM Max. |
| Standard Cable | 10' (from housing to power supply) |
| Power Supply | Dual Phase+ |
| Options | Flanges (compression coupling is standard) and outdoor weatherproof models available |

Equipped with static neutralizing bars, Conveyostat units neutralize the static charge buildup on conveyed material, cyclones and containers so that plant equipment and operations can be maintained without costly interruptions. Once properly installed to the end of a conveying system, Conveyostats can help to lower operating costs, reduce waste, improve product quality and material flow, and reduce machine downtime.

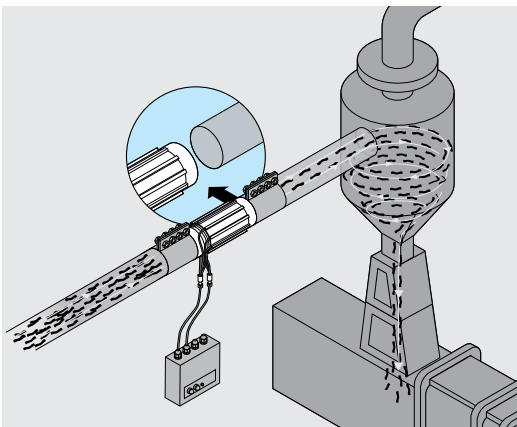
Power Supply

The Dual Phase+ power supply produces high voltage for high speeds. It displays user-friendly notifications such as fault and warning lights for short circuit detection and clogging. Dual Phase+ is current limited and designed to automatically shut down if any problem with the high voltage occurs.

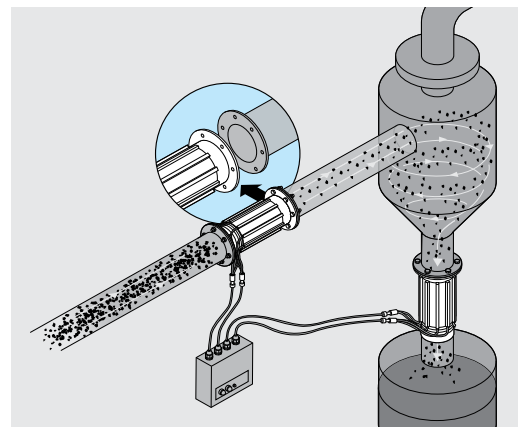
An external remote is available for Dual Phase+ power supplies that are mounted in inconvenient areas. The remote includes an on/off switch and displays fault and warning conditions.



Applications



Install a Conveyostat prior to the cyclone in a slitter trim application to neutralize the static charges that cause material to stick to the sides of the exit duct and send false signals to the baler, allowing the material to flow smoothly.



Remove static charges generated on plastics by installing a conveyostat before and after the cyclone to keep the material moving freely.



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