

BAR TYPE - STATIC ELIMINATOR Z2075



Introduction

The generation and accumulation of unwanted electrostatic charges, both surface and airborne, poses a serious problem in various industries and processes. For example, static charges can lead to sticking and crumpling of polyester films while being processed on the machines. Collection of dust and other particulate contaminants on surfaces due to static is another example. The discharge bars and the power supply are used primarily in cases where disruptive static charges on fast moving material webs impair production processes and need to be eliminated.

How it works

This static eliminator works on the principle of high voltage corona discharge, to produce the neutralising ions. This Static eliminator system is designed to neutralize the charges by the "Ion showering" process wherein the surface charges present are neutralised. It is designed for continuous use and the unique "Shockless bars" ensure total safety even if the electrodes are accidentally touched.

APPLICATION AREAS

Plastic film and paper industries, Glass related industries
Textile Industries, Pharmaceutical industry, Clean rooms.

Specifications:

HV Power supply	: (LBH) 165 x 240 x 190 mm, 9.0 Kg
Input Supply	: 3 PIN 230V AC 50Hz 50 Watts
Output voltage	: 6 - 7 KV AC 5ma
No. of bars	: Maximum 2
Max load	: Equivalent to 10m of cable including bars
Short circuit	: Protection
Construction	: Powder coated MS cabinet
Radiated EMI	: Internally shielded
Ionizing Bar	: Shockless SS electrodes with 2m cable
Neutralising distance	: 50mm max from needle tip
Warranty	: 12 months

Note: Not to be used near flammable gases, vapours or materials.