

Static Elimination Bars

Buildup of static electricity on the glass as it passes through the washer can cause a discharge (i.e., shock) to the operator when unloading the glass. This charge is produced by the rubber covered rollers, nylon brush bristles, and high velocity air (from air knives). A charge build up generally occurs during low humidity (under 50%) as a result of hot dry air or winter heating. The purpose of the static eliminator is to neutralize this static charge. The neutralization is performed by two metallic bars. The bars are mounted in front and behind the glass pass line and immediately after the drying zone. A power supply generates a high voltage which is applied to the bars. As the glass passes between the bars, the static electrical charge in the glass is neutralized by the bars.

NOTES:

- The bars are not mounted directly in line with each other, but are offset by 1/2" (1.27cm) or more.
- Cleaning of static bars weekly is very important so that they don't fail prematurely.
- With power off clean using a soft bristled brush (like a tooth brush) keeping the points sharp and clean.