

Electrostatic Paint Filter



About this product

Electrostatic powder coating filters are used in powder coating booths to remove overspray and capture fine particles during the painting process. These filters use the principle of electrostatic attraction to capture the particles, which are then deposited onto the filter media.

In addition to the electrostatic effect, some powder coating filters also utilize a jet pulse cleaning system to maintain filter efficiency. The jet pulse system works by directing compressed air into the filter media, creating a shock wave that dislodges the collected particles and causes them to fall into a collection tray or hopper. This process is automated and can be controlled by a timer or pressure differential switch.

The use of electrostatic powder coating filters with jet pulse systems helps to maintain a clean and safe working environment, while also reducing the risk of fire or explosion from excess overspray buildup.

Applications

There are three main application of powder coating filters:

- **Spray booth filters:** Spray booth filters are located in the powder coating booth and are responsible for capturing the majority of the overspray powder.
- **Final filters:** Final filters are located downstream from the spray booth and are responsible for capturing any remaining overspray powder.
- **Powder feed filters:** Powder feed filters are located in the powder coating feed system and are responsible for preventing powder contamination

Specifications

3 different types of powder coating filters like the 32×66 cm, and 32×90 cm in dimensions. 32×66 cm is mostly used in manual powder coating booths and needs to be changed regularly for a better operation. The 32×66 cm version is used in the suction unit of the powder coating booth and they stay longer.

The filters that we manufacture have suitable prices and we also carry out the transport service to the warehouse of our customer. For more information about the price range of our powder coating filters, please connect with our sales team

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