BS-266 Hood Style Electrostatic Precipitator

Suitable for commercial kitchen applications. Fume & mist elimination efficiency >95%
Compact canopy filtration unit

Features
- Stylish design exhaust hood used for (but not exclusive to) commercial kitchens
- Simple 'in hood' self contained electrostatic filter
- Up to 95% efficiency of removing oils and particles generated during the cooking process
- Easy access external controls
- Design incorporates fumes catchment area with electrostatic particle filter
- Easy cleaning and maintenance accessibility

www.cfmairsystems.com.au
BS-266 Hood Style Electrostatic Precipitator
Low maintenance, high efficient, high flow electrostatic precipitators filtration system.

<table>
<thead>
<tr>
<th>Model</th>
<th>BS-266</th>
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<tbody>
<tr>
<td>Fittings</td>
<td>Stainless Steel Cabinet</td>
</tr>
<tr>
<td>Size (L x W x H)</td>
<td>2200 x 1200 x 680mm</td>
</tr>
<tr>
<td>Optional</td>
<td>Optional auto-cleaning device</td>
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<tr>
<td>Weight</td>
<td>200kg</td>
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<tr>
<td>Draft</td>
<td>4000m3/h</td>
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<tr>
<td>Power</td>
<td>840w</td>
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Note: The data above is just for reference. If there is any change, no other notice will be informed. Goods inspection will be subject to the contract.

The hood style ESP (Electrostatic Precipitator) is a great quality ventilation unit, particularly for food establishments which are more likely to generate higher amounts of cooking fumes and grease vapours. These include restaurants with wok burners, deep fryers, broilers, griddles and grills. The unique canopy integration allows you to save space in your kitchen, eliminating the need for external filtration systems.

Shaped like a kitchen canopy exhaust hood, the electrostatic precipitator can be installed directly over the cooking appliance. When using this device, it is not necessary to purchase a conventional exhaust hood, other air pollutants such as smoke and dust can also be collected by the ESP. Processed exhaust gas should be emitted into well ventilated open areas. Contact your distributor for advice on other proposed uses.

Oil Mist Collection Schematic Diagram

Solid particles (1) travel through an electrostatic field and become ionised with a negative charge within 0.01s(2). As they continue through the filtration device, the solid particles pass through a positively charged plate which attracts the negatively charged particles(3), thus removing them from the air stream (4).

Typical Installation

Low Altitude Emission / Hood Style ESP Installation