FUME 200 Portable Welding Fume Collector

Brief Introduction:
The harmful substance in the smoke caused in the process of welding and related activities:
- Gaseous toxic and harmful substance such as Carbon Monoxide, Ozone and Nitric Oxide;
- Copper, Aluminium and Zinc which exist as smoke in the air;
- Harmful particulate substances FeOy, Aluminium Oxide, Fluoride, Barium compounds, Chromium compounds, Nickel Oxide, Cadmium Oxide, Chromium Hemi Trioxide and Dioxide Thorium and so on;
- Carcinogens such as Nickel Oxides, Chromium Oxide and so on;
- Radioactive substances

How it Works:
The dirty air is drawn in through the arm into the filter housing where it hits the flow distribution plates and changes direction. Then the air flow goes upward which causes the heavier particles to drop out of the air flow before hitting the filter. The remaining fine dust and fumes go through the filter cartridge and are filtered out. The clean air is exhausted through the exhaust silencer.

The automatic pulse cleaning system cleans the cartridge and causes dust to fall into the collection tray which can be emptied.

The filter elements are horizontally loaded, the filter media is high efficiency Nano-web with fire retardant treatment in case of sparks which may pass into the fume collector. The filter media ensures the dust cleaning efficiency and prolongs the service life.

Features:
- Large air flow and good suction efficiency.
- Low noise.
- High filter efficiency, low emission.
- Automatic pulse cleaning
- Easy to handle, move.
- Rigid arm sections as standard, fully flexible arms as option.
- Multi-welding station for units with 2 arms.

Application:
- Welding Smoke
- Cutting Smoke
- Grinding Dust

Technical Specification:

<table>
<thead>
<tr>
<th>Model</th>
<th>Fume-150</th>
<th>Fume-200</th>
<th>Fume-300</th>
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</thead>
<tbody>
<tr>
<td>Filter Area</td>
<td>20</td>
<td>20</td>
<td>40</td>
</tr>
<tr>
<td>Cartridge Size</td>
<td>352Ømm x 660mm</td>
<td></td>
<td></td>
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<tr>
<td>Air Flow (m³/Hr)</td>
<td>1500</td>
<td>2000</td>
<td>3500</td>
</tr>
<tr>
<td>Power</td>
<td>2.2kW</td>
<td>3.0kW</td>
<td>4.0kW</td>
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<tr>
<td>Number of Arms</td>
<td>1</td>
<td>1 or 2</td>
<td>2</td>
</tr>
<tr>
<td>Body Size (W x D x H)</td>
<td>740 x 1147 x 1286</td>
<td>740 x 1147 x 1286</td>
<td>740 x 1147 x 1726</td>
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</tbody>
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