HV150, HV300, HV600 and HV1000 are packaged high vacuum dust collectors designed for collection of dust and fumes generated by applications such as cleaning, grinding, etc.

HV150, HV300, HV600 and HV1000 Dust Collectors are equipped with Ultra-Web® filtration technology. Ultra-Web nanofiber media uses a layer of fibers 0.2 to 0.3 microns in diameter to capture contaminants on the surface of the media less than one micron in size. The resulting dust cake is easily cleaned off during the collector cleaning cycles providing cleaner air longer, with a minimum MERV15 efficiency rating based on ASHRAE 52.2 test standards.

HV150, HV300, HV600 and HV1000 Dust Collectors can be used for nuisance and process dust and fume control, providing:

- Small, High Efficiency, Plug-and-Play design suitable for continuous operation.
- Packaged and compact design for small footprint, easy and cost effective installation
- Down Flow Design and Oval Ultra-Web® Cartridge Filters with superior filtration efficiency and pulse cleaning.
- Clamping-style dust bin for easy clearing.
- Delta P-C01 Controller is only available for HV600 and HV1000 with a variety of Cleaning options and connectivity with other equipment.

Standard Features and Available Options:
- Ultra-Web® FR Cartridge Filters
- Ultra-Web® SB Cartridge Filters
- Ultra-Web® AS Cartridge Filters
- Integrated high vacuum fan pack
- Torit ΔP-C01 Cleaning Control for HV600 and HV1000
- Push button Cleaning for HV150 and HV300
- Optional HEPA and BIBO module

Applications:
- Cleaning
- Welding
- Grinding
**HV150, HV300, HV600, HV1000 Dimensions and Specifications**

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal Air flow (m³/h)</th>
<th>No. of Filters</th>
<th>Filtration Area (m²)</th>
<th>Motor (50Hz) kW</th>
<th>Weight (kg)</th>
<th>Sound Level (dB(A))</th>
<th>Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>SB FR</td>
<td></td>
<td></td>
<td></td>
<td>A</td>
</tr>
<tr>
<td>HV150</td>
<td>150</td>
<td>1</td>
<td>4.0 9.6</td>
<td>3</td>
<td>490/570**</td>
<td>75±2</td>
<td>1929/2326**</td>
</tr>
<tr>
<td>HV300</td>
<td>300</td>
<td>1</td>
<td>4.0 9.6</td>
<td>5.5</td>
<td>520/600**</td>
<td>75±2</td>
<td>1929/2326**</td>
</tr>
<tr>
<td>HV600</td>
<td>600</td>
<td>2</td>
<td>8.0 19.2</td>
<td>12.5</td>
<td>850/950**</td>
<td>78±2</td>
<td>2101/2488**</td>
</tr>
<tr>
<td>HV1000</td>
<td>1000</td>
<td>4</td>
<td>16.0 38.4</td>
<td>18.5</td>
<td>1200/1310**</td>
<td>78±2</td>
<td>2139/2525**</td>
</tr>
</tbody>
</table>

*All readings were taken in normal industrial areas, i.e. semi-reverberant surroundings, with local equipment silent. Measurements were taken at -20kPa conditions at 1.0 m radius from the equipment housing and 1.5 above base level.

**Only for dust collector with BIBO**
### HV150, HV300, HV600, HV1000 Dimensions and Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Housing Rating ( in H₂O/Pa)</th>
<th>Housing Construction</th>
<th>Compressed Air Required ( Bar)</th>
<th>Operating Temperature (°C)</th>
<th>Electrical Power Valves/Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV150</td>
<td>-197/-50,000</td>
<td>Strong 5mm Mild steel structure</td>
<td>6</td>
<td>66</td>
<td>220 VAC 50/60 Hz</td>
</tr>
<tr>
<td>HV300</td>
<td>-197/-50,000</td>
<td>Strong 5mm Mild steel structure</td>
<td>6</td>
<td>66</td>
<td>220 VAC 50/60Hz</td>
</tr>
<tr>
<td>HV600</td>
<td>-197/-50,000</td>
<td>Strong 5mm Mild steel structure</td>
<td>6</td>
<td>66</td>
<td>220 VAC 50/60 Hz</td>
</tr>
<tr>
<td>HV1000</td>
<td>-197/-50,000</td>
<td>Strong 5mm Mild steel structure</td>
<td>6</td>
<td>66</td>
<td>220 VAC 50/60 Hz</td>
</tr>
</tbody>
</table>

**High Vacuum Fan Curve**

![High Vacuum Fan Curve](image-url)
Global Support
• Facilities in 37 countries
• 40 manufacturing plants and 14 distribution centers

Leading Technology
• Over 1,000 engineers and scientists worldwide
• Broad range of innovative collectors and filters
• 100s of filter media formulations

Experience and Service
• Technical expertise and support
• Ready-to-ship filters and parts within 24 hours
• 1,000,000+ dust, fume and mist collectors installed