The new BOFA system 250 is a compact high volume unit designed to extract fumes through a variety of extraction accessories. The system comes complete with a user friendly installation kit allowing instant extraction for minimum fuss and cost.

### Carcass

Main body, central support, lid and base are powder coated Zintac

### Standard Equipment

**Weight:** 10kg  
**Filter Indication light**  
**Noise level:** below 55db  
**Integral silencer with air exhausted out the base of unit**  
**Standard Filter set (see below)**  
2 x 50mm Diameter inlet  
**Thermal trip**  
**System 250 Installation Kit (table brackets, Flip-Top connectors, mounting plates, adapters with balancing valves & flexi tubing)**

### Electrics

230v 1ph 50hz or 110v 1ph 60hz  
2m Power Cord  
**Fused IEC illuminated switch**  
Full load current: 1.5 amps

### Warranty

12 month warranty  
12 month COSHH Certification  
(when installed by BOFA engineers)

### Standard Filter Set

**Pre Filter**  
95% efficiency @ 0.8 micron

**Combined Filter**  
HEPA 99.997% @ 0.3 micron  
Gas Filter media  
Activated carbon impregnated with potassium permanganate

### Maximum number of arms

<table>
<thead>
<tr>
<th>Diameter</th>
<th>EC:</th>
<th>US:</th>
</tr>
</thead>
<tbody>
<tr>
<td>32mm</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>50mm</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>75mm</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

### Blower / Pump

**Radial Ventilator**  
40,000 life hours  
Pressure 40m/bar  
0.12k Output  
Airflow 180m³/hr (with filters fitted)  
IP54 Synchronous (brushless) motor

### Options

**VOC Monitoring**

The system 250 comes complete with the installation kit shown opposite x 2. This includes 3 meters of 50mm flexible tubing, 2 x table brackets & mounting plates, 2 x flush system seal Flip top connector and adaptor with balancing valve.

The chart opposite shows the performance of the pump within the System 250. The performance curve also highlights the effect of new filters on the new System 250's vacuum capabilities.

The chart opposite shows the maximum number of soldering arms that the System 250 is capable of extracting from.