Circular Air Balancing Damper
**Product Features**

- Manual control
- New handle has the facility to fit an anti tamper locking screw
- Extended bracket for standard or 50mm insulated ductwork
- Common casing depth of 200mm
- Eurovent duct sizes: 100-355mm dia
- Stock Item
- Casing leakage conforms to HVCA ductwork specification DW144 Class C up to 1000Pa
- Damper spigots conform to BSEN1506

---

**Description**

Circulair dampers are designed for applications in normal dry filtered air systems to HVCA Ductwork specification as follows:

- Casing leakage conforms to Class C of HVCA Ductwork Specification DW144 up to 1000Pa
- Eurovent duct sizes 100-355mm dia
- Damper diameter spigots conform to BSEN1506
- Extended bracket will suit standard or 50mm insulated ductwork

**Specification**

Actionair Circulair Air Balancing Dampers comprise of a single 1.2mm galvanised steel blade housed within a 0.8mm galvanised steel casing.

The Manual Control will be suitable for uninsulated and insulated ductwork up to 50mm and have the facility to fit an anti-tamper locking screw.

The suggested screw for this is a No.4 (2.9mm) pan head self-tapping screw 8mm long (To be supplied by others).

---

**Max Pa & Velocity**

The Circulair Air Balancing Dampers are for Low-Medium pressure systems up to 1000Pa with a Max Velocity of 12.5m/s

**Operating Temperature**

The Circulair Air Balancing Dampers should only be used in normal ducted systems, with operating temperature between 0°C to +70°C

**Construction**

**Blade**

1.2mm galvanised steel blade

**Casing**

0.8mm galvanised steel casing

**Drive Shaft**

Galvanised steel

**Control Handle**

Nylon 6
# Dimensions & Weight

<table>
<thead>
<tr>
<th>Model Ref</th>
<th>Nominal Duct Diameter*</th>
<th>Open Blade Protrusion (mm)</th>
<th>DW144 Casing Leakage Class</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB</td>
<td>100</td>
<td>–</td>
<td>C</td>
<td>0.56</td>
</tr>
<tr>
<td>CB</td>
<td>125</td>
<td>–</td>
<td>C</td>
<td>0.71</td>
</tr>
<tr>
<td>CB</td>
<td>150</td>
<td>–</td>
<td>C</td>
<td>0.85</td>
</tr>
<tr>
<td>CB</td>
<td>160</td>
<td>–</td>
<td>C</td>
<td>0.91</td>
</tr>
<tr>
<td>CB</td>
<td>200</td>
<td>20.5</td>
<td>C</td>
<td>1.17</td>
</tr>
<tr>
<td>CB</td>
<td>250</td>
<td>45.5</td>
<td>C</td>
<td>1.53</td>
</tr>
<tr>
<td>CB</td>
<td>300</td>
<td>70.5</td>
<td>C</td>
<td>1.92</td>
</tr>
<tr>
<td>CB</td>
<td>315</td>
<td>55</td>
<td>C</td>
<td>2.05</td>
</tr>
<tr>
<td>CB</td>
<td>350</td>
<td>73</td>
<td>C</td>
<td>2.35</td>
</tr>
<tr>
<td>CB</td>
<td>355</td>
<td>73</td>
<td>C</td>
<td>2.40</td>
</tr>
</tbody>
</table>

* NDD: Nominal duct diameter. Actual sizes are in accordance with BSEN1506
The statements made in this brochure or by our representatives in consequence of any enquiries arising out of this document are given for information purposes only. They are not intended to have any legal effect and the company is not to be regarded as bound thereby. The company will only accept obligations, which are expressly negotiated for and agreed and incorporated into a written agreement made with its customers.

Due to policy of continuous product development the specification and details contained herein are subject to alteration without prior notice.