**Vent-Axia Accessories**

### Rectangular Flexible Connections
Flexible connections are used to connect rigid ductwork to the rectangular range of ducted fan units. Flexible connections are fitted with flanges and a Duroprene flexible material to prevent vibration transmission.

**Maximum operating temperature** +150°C meets BS476 Part 7 Fire Test.

### Rectangular Bag Filter Cassettes
Synthetic bag filter cassettes are available in a range of sizes. The synthetic filter medium is to EU5 (Eurovent 4/5) 94% arrestance. The filter casings are manufactured from galvanised sheet metal fitted with flanges for quick and easy installation.

Quick release catches allow the hinged access panel to open for access to the bag filter. Replacement bag filters are available.

**Maximum operating temperature** +100°C.

### Rectangular Attenuators
The range of rectangular attenuators has been specifically designed to reduce the ducted system sound levels.

Manufactured from galvanised sheet metal fitted with flanges for quick and easy installation with 65kg/m³ density rockwool sound absorption material.

### Rectangular Flexible Connections
<table>
<thead>
<tr>
<th>Duct size</th>
<th>Stock Ref.</th>
<th>Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td>350 x 250mm</td>
<td>105 71 175</td>
<td>105 71 175</td>
</tr>
<tr>
<td>400 x 250mm</td>
<td>105 71 200</td>
<td>105 71 200</td>
</tr>
<tr>
<td>500 x 250mm</td>
<td>105 71 250</td>
<td>105 71 250</td>
</tr>
<tr>
<td>650 x 350mm</td>
<td>105 71 350</td>
<td>105 71 350</td>
</tr>
<tr>
<td>550 x 450mm</td>
<td>LPC 355</td>
<td></td>
</tr>
<tr>
<td>625 x 535mm</td>
<td>LPC 450</td>
<td></td>
</tr>
<tr>
<td>700 x 600mm</td>
<td>LPC 500</td>
<td></td>
</tr>
<tr>
<td>750 x 900mm</td>
<td>LPC 630</td>
<td></td>
</tr>
<tr>
<td>950 x 810mm</td>
<td>LPC 710</td>
<td></td>
</tr>
</tbody>
</table>

For dimensions refer to page 188.

### Rectangular Attenuators
<table>
<thead>
<tr>
<th>Duct size</th>
<th>Stock Ref.</th>
<th>Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td>350 x 175 x 500mm</td>
<td>105 73 175</td>
<td>105 76 175</td>
</tr>
<tr>
<td>400 x 200 x 500mm</td>
<td>105 73 200</td>
<td>105 76 200</td>
</tr>
<tr>
<td>500 x 250 x 900mm</td>
<td>105 73 250</td>
<td>105 76 250</td>
</tr>
<tr>
<td>650 x 350 x 600mm</td>
<td>105 73 350</td>
<td>105 76 350</td>
</tr>
</tbody>
</table>

For dimensions refer to page 189.

### Vent-Axia Access™ Accessories

#### Rectangular In-Line Fans
**Wiring Diagrams**

**Single Phase Fan Connected to a D.O.L. Starter**
- 240 Volt D.O.L. Starter
- A suitable sized overload relay must be fitted to provide motor protection.

**N.B. Links between terminals 1 to A1, 3 to 6, 5 to 95 and 24 to 96 must be fitted.**

For dimensions refer to page 188.

**Single Phase Fan Connected to a 2.5 Amp Electronic Speed Controller**
- 1 Phase Supply (220-240V 50Hz)

For dimensions refer to page 189.

**Single Phase Fan Connected to a 3.0 Amp Auto Transformer Speed Controller**
- 1 Phase Supply (220-240V)

For dimensions refer to page 189.
VENT-AXIA
ACCESS. RECTANGULAR IN-LINE FANS
WIRING DIAGRAMS

SINGLE PHASE FAN
CONNECTED TO A 2.5 AMP ELECTRONIC SPEED CONTROLLER

1 Phase Supply
(110-240V 50 Hz).

Sensor Switch
rated for 1.5A (inductive).

FAN TERMINALS

N.B. Links between
terminals 2 to A1, 3 to 6
and 5 to 95 must be fitted and
the link between terminals 24
and 96 must be REMOVED.

SINGLE PHASE FAN
CONNECTED TO A 3.0 OR 6.0 AMP ELECTRONIC SPEED CONTROLLER

1 Phase Supply
(220-240V 50Hz).

FAN TERMINALS

N.B. Links between
terminals 1 to A1, 5 to 95
must be fitted and the
link between terminals 24
and 96 must be REMOVED.

SINGLE PHASE FAN
CONNECTED TO A 3.0, 5.0 OR 7.5 AMP AUTO TRANSFORMER SPEED CONTROLLER

1 Phase Auto Transformer
Speed Controller.

FAN TERMINALS

N.B. The link between
terminals 5 to 95 must be
fitted and the link between
terminals 24 and 96 must
be REMOVED.

THREE PHASE FAN
CONNECTED TO A 240V D.O.L. STARTER

415 Volt D.O.L. Starter
A suitable sized
overload relay must be
fitted to provide motor
protection.

N.B. The link between
terminals 1 to A1, 5 to 95
must be fitted and the
link between terminals 24
and 96 must be REMOVED.

THREE PHASE FAN
CONNECTED TO A 415V D.O.L. STARTER

415 Volt D.O.L. Starter
A suitable sized
overload relay must be
fitted to provide motor
protection.

N.B. Links between
terminals 1 to A1, 5 to 95
must be fitted and the
link between terminals 24
and 96 must be REMOVED.

THREE PHASE FAN
CONNECTED TO A 240V D.O.L. STARTER

240 Volt D.O.L. Starter
A suitable sized
overload relay must be
fitted to provide motor
protection.

N.B. Links between
terminals 1 to A1, 3 to 6
and 5 to 95 must be
fitted and the link between
terminals 24 and 96 must be
REMOVED.