Air Flow Solutions

Accessories
Ducting, grilles, controllers and much more
Accessories

A varied and comprehensive range of accessories for all your ventilation needs

- Airflex Pro Ducting
  - Zero leakage semi rigid ducting
- Airflex Retro Ducting
  - Discreet coving ducting
- Airflex Ducting
  - Versatile range of flexible ducting
- Airflat Ducting
  - 204mm x 60mm low profile channel ducting
- Air Round Ducting
  - Round rigid ducting
- Airflex ISO Ducting
  - Pre-insulated ducting
- Grilles and Valves
  - A range of terminal grilles and valves
- Roof Cowls, Slates and Traps
  - Zero leakage semi rigid ducting
- Venting Kits
  - A range of kits for connection from fan to terminal
- Fire stops
  - A range of fire stopping products to prevent smoke or fire passing through duct systems
- Remote Switches, Controls & Sensors
  - A range of remote switches, controllers and sensors to control your Airflow fan
- Commercial Fan Speed Controllers
  - A range of speed controllers to 100% control commercial/industrial fans
- Acoustic Accessories
  - A range of Acoustic accessories
Accessories

**Airflex Pro**

Semi rigid ducting

- Zero leakage ensures highest performance
- Fire rated to EN13501-1 Class E
- 70% time saving on installation
- Interchangeable ducting system (O/D 75mm, I/D 63mm round/ Outside 51mm x114mm, Inside 39mm x 102mm oval) without any hydraulic pressure loss
- Compact, suits narrow joists and low ceiling voids
- Durable with high crushability (13 kN/m²)
- Smooth bore with antistatic and antibacterial lining
- Easy to clean when installed
- SAP eligible ducting (non-jointed)

**KEY FEATURES**

- Securely fixes both Airflex Pro Round and Airflex Pro Oval Duct
- Compact height allows duct fixing within narrow joist areas and low ceiling voids
- To NHBC MVHR Guidance 3.2
- Single person installation
- Keeps Airflex Pro Round / Oval taut and neat on installation
- SAP eligible zero leakage ducting
- Keeps ducting off building fabric to reduce noise and thermal transmittal

**Airflex Pro Round and Oval Ducting Clips**

Flexible, innovative, meeting industry best practice standards for installation. Airflex Pro Round and Oval clips are the only professional solution for fitting SAP eligible, Airflex Pro Round and Airflex Oval Zero Leakage duct systems.

These compact ducting clips have been specifically designed to securely fix both Airflex Pro Round and Oval Ducting systems. In narrow or confined areas, while keeping ducting off the building fabric to reduce noise transmission, they should be spaced at 750 mm intervals to keep Airflex Pro / Airflex Oval neat and tidy on installation in accordance with NHBC guidance 3.2.

**DIMENSIONS (mm)**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airflex Pro Round</td>
<td>89.9</td>
<td>125</td>
<td>103</td>
<td>25</td>
<td>3</td>
<td></td>
<td>53.3</td>
</tr>
<tr>
<td>Airflex Pro Oval</td>
<td>56.3</td>
<td>166</td>
<td>144</td>
<td>25</td>
<td>3</td>
<td></td>
<td>49.8</td>
</tr>
</tbody>
</table>

**Accessories**

**Airflex Pro Clips**

Round and oval ducting clips

- Flammability Testing
  - Airflex Pro complies with the following
    - DIN 4102-1 and DIN 4102-4 (Fire behaviour of building materials and building components) to building material class B (Normal flammable building material).
    - Respectively to European EN13501-1 Class E (Fire classification of construction products and building elements - Part 1: Classification using data from reaction from fire tests).

- Mix and Match, "Oval or Round" = No Loss of Performance
  - A quick and easy to fit system of semi-rigid ducting that can result in up to 70% time saving during the on-site installation process, compared to rigid or spiral duct methods.
  - This innovative system uses low resistance and antibacterial smooth round and oval tubes which connect each room to the heat recovery or ventilation unit via an air distribution box.

- The Airflex Pro Oval ducting is designed to equal the hydraulic Performance of Airflex Pro Round so both types can be used within the same system without a loss of performance.

- Semi rigid ducting without joints. Performance data is now recognised by the U.K. Government as an input for Standard Assessment Procedure (SAP) calculations via SAP eligible.

- Flammability Testing
  - Airflex Pro Round and Oval Ducting Clips

- Key Features
  - Zero leakage ensures highest performance
  - Fire rated to EN13501-1 Class E
  - 70% time saving on installation
  - Interchangeable ducting system (O/D 75mm, I/D 63mm round/ Outside 51mm x114mm, Inside 39mm x 102mm oval) without any hydraulic pressure loss
  - Compact, suits narrow joists and low ceiling voids
  - Durable with high crushability (13 kN/m²)
  - Smooth bore with antistatic and antibacterial lining
  - Easy to clean when installed
  - SAP eligible ducting (non-jointed)

- Accessories

- Airflex Pro Oval Ducting
  - Part No. 90000255
  - Description: 20m coil (oval)
  - Dimensions: Outside 51mm x 114mm, Inside 36mm x 102mm

- Airflex Pro Round Ducting
  - Part No. 9041130
  - Description: 50m coil (round)
  - Dimensions: O/D 75mm, I/D 63mm

- Mix and Match, "Oval or Round" = No Loss of Performance
Accessories

Typical System 4 (MVHR)

Typical Airflex Pro installation showing the transition between oval and round without increasing the system pressure.

Distribution box with oval pipes going through the floor, input from the bottom.

Typical Components System 4

- Roof terminals and cowls
- External Terminals
- ISO insulated ducting
- System distribution boxes (supply and extract)
- Air supply / extract valves
- Internal Terminals
- Ceiling plenums (Round / Oval)
- Airflex Pro (Round / Oval)

Airflex Pro Accessories

- Straight Connection Piece
  - Part No.: 90000253
  - Dimensions: 54 x 117 mm Straight Connector (oval-oval)

- 90° Vertical Transition Piece
  - Part No.: 90000251
  - Dimensions: 80° Vertical Transition Piece (round-oval)

- Straight Transition Piece
  - Part No.: 90000252
  - Dimensions: Straight Transition Piece (round-oval)

- 90° Vertical Elbow
  - Part No.: 90000247
  - Dimensions: 54 x 117 mm Vertical elbow (oval-oval)

- 90° Horizontal Elbow
  - Part No.: 90000248
  - Dimensions: 54 x 117 mm Horizontal elbow (oval-oval)

- Airflex Pro Round
  - Figure 1. 90° bend
  - Minimum radius = 3x diameter of duct

- Airflex Pro Oval
  - Figure 2. 90° Lateral bend
  - Figure 3. 90° Horizontal bend
  - Minimum radius = 3x height of duct

Airflex Pro Accessories

- Connects Airflex Pro Round or Oval through the ceiling to the extract / supply valve. Can be cut down for varying height of void.

Minimum radius = 3x diameter of duct

Minimum radius = 3x height of duct

Airflex Pro Round and Oval semi rigid ducting performance data is recognised by the U.K Government as an input for the Standard Assessment Procedure (SAP Eligible) calculation. Fig 1-2 and 3 show how in this configuration without joints Airflex Pro round and oval semi rigid ducting achieves the mechanical properties requirements set out in SAP Eligible specifications.
This range of Airflex Pro accessories enable connection to the ventilating unit and also transformation from Airflex Pro Round to Oval Duct to suit all ventilation applications.
Accessories

Airflex Pro Distribution Boxes

- Provides primary distribution point for Airflex Pro Round and Oval Ducting from the Heat Recovery / or Ventilation unit from 5 to 15 ports with various dimensions and discharge positions.

**5-Port Distribution Box (oval)**
- Part No.: 90000262
- Dimensions:
  - 117 x 117 x 530 mm

**5-Port Distribution Box (round)**
- Part No.: 90000263
- Dimensions:
  - 117 x 117 x 530 mm

**6-Port In-Line Distribution Box (round) Narrow**
- Part No.: 90000264
- Dimensions:
  - 117 x 117 x 530 mm

**10-Port Distribution Box (round)**
- Part No.: 90000265
- Dimensions:
  - 117 x 117 x 530 mm

**10-Port Distribution Box (oval)**
- Part No.: 90000266
- Dimensions:
  - 117 x 117 x 530 mm

**15-Port Distribution Box (round)**
- Part No.: 90000269
- Dimensions:
  - 117 x 117 x 530 mm

**Combi Distribution Box (L/H)**
- Part No.: 90000443
- Dimensions:
  - Enables supply and extract simultaneously connects to Airflex Pro round 75mm (up to 6 spigots) inlet 125mm handed inlet

**Combi Distribution Box (R/H)**
- Part No.: 90000444
- Dimensions:
  - Enables supply and extract simultaneously connects to Airflex Pro round 75mm (up to 6 spigots) inlet 125mm handed inlet

**Combination Distribution Box**
- Supply Air Right
  - Part No.: 90000275
  - Description: 125 / 100 / 100mm dia
- Supply Air Left
  - Part No.: 90000276
  - Description: 125 / 100 / 100mm dia

**Mounting Brackets**
- All distribution boxes supplied with mounting brackets. Supplied loose for ease of onsite installation

### Typical Installations

**Distribution Box Part Number**
- 90000266
- 90000264
- 90000263
- 90000269

**Position**
- D
- D1, D3
- D2, D4

**Sound Input dB(A)**
- 52.3
- 52.3
- 52.3

**Sound Output dB(A)**
- 35.4
- 36.6
- 33.3
- 34.4
- 36.1
- 37.1
- 39.7
- 35.2
- 36.1
- 15.2
- 12.7
- 17.1
- 16.3

**Attenuation Total dB(A)**
- 16.9
- 15.8
- 19
- 17.9
- 16.3
- 15.2
- 12.7
- 17.1
- 16.3

**Octave Band level Attenuation**

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>Transmission (dB)**</th>
<th>Transmission (dB)**</th>
<th>Transmission (dB)**</th>
<th>Transmission (dB)**</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>23</td>
<td>22.6</td>
<td>23.5</td>
<td>26.8</td>
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<tr>
<td>250</td>
<td>21.8</td>
<td>21.3</td>
<td>24.2</td>
<td>19.4</td>
</tr>
<tr>
<td>500</td>
<td>36.2</td>
<td>27.7</td>
<td>19.3</td>
<td>28.4</td>
</tr>
<tr>
<td>1000</td>
<td>29.4</td>
<td>28.8</td>
<td>28.7</td>
<td>25.4</td>
</tr>
<tr>
<td>2000</td>
<td>28.9</td>
<td>30.6</td>
<td>20.8</td>
<td>30.8</td>
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<tr>
<td>4000</td>
<td>34.4</td>
<td>42.6</td>
<td>26.6</td>
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<tr>
<td>8000</td>
<td>36.1</td>
<td>43.2</td>
<td>38.3</td>
<td>34.9</td>
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</table>

* Sound Pressure Input dB(A) used is an average of common domestic MVHR unit as of date of testing.
+ Sound Power

### Typical Distribution Box System Pressures

- Pressure curve of Airflex Pro 6 Port Distributor Box (9000025)
- Pressure curve of Airflex Pro 10 Port Distribution Box (90000265)
- Pressure curve of Airflex Pro 15 Port Distribution Box (90000269)
## Accessories

### AIRFLEX DUCTING

**Airflex Flexible Round PVC Hose**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
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<td>ø100mm x 1m</td>
<td>52641009</td>
<td>ø125mm x 3m</td>
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<tr>
<td>52641001</td>
<td>ø100mm x 3m</td>
<td>9041557</td>
<td>ø125mm x 6m</td>
</tr>
<tr>
<td>52641002</td>
<td>ø100mm x 6m</td>
<td>9041555</td>
<td>ø150mm x 1m</td>
</tr>
<tr>
<td>52641006</td>
<td>ø100mm x 15m</td>
<td>52641003</td>
<td>ø150mm x 3m</td>
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<tr>
<td>52641007</td>
<td>ø100mm x 45m</td>
<td>52641004</td>
<td>ø150mm x 6m</td>
</tr>
<tr>
<td>52641008</td>
<td>ø125mm x 1m</td>
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<td></td>
</tr>
</tbody>
</table>

**Airflex Combi Flexible Ducting**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9021285</td>
<td>ø100mm x 3m</td>
<td>9021287</td>
<td>ø152mm x 6m</td>
</tr>
<tr>
<td>9021289</td>
<td>ø100mm x 5m</td>
<td>9021289</td>
<td>ø152mm x 10m</td>
</tr>
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<td>9021289</td>
<td>ø100mm x 10m</td>
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<td>9021286</td>
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<td>9021288</td>
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<tr>
<td>9021294</td>
<td>ø152mm x 5m</td>
<td>9021291</td>
<td>ø200mm x 10m</td>
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</table>

**Airflex Re-enforced Aluminium Flexible Ducting**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Part No.</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>9021311</td>
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<td>9021313</td>
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<tr>
<td>9021315</td>
<td>ø100mm x 5m</td>
<td>9021317</td>
<td>ø200mm x 5m</td>
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<td>9021318</td>
<td>ø100mm x 10m</td>
<td>9021321</td>
<td>ø200mm x 10m</td>
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<td>9021316</td>
<td>ø150mm x 5m</td>
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<td>ø300mm x 5m</td>
</tr>
<tr>
<td>9021320</td>
<td>ø150mm x 10m</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Flexible PVC ducting for general ventilation connection applications. Highly versatile, non degrading, operating temp of +6º – +50º fire resistance tested to BS 476. To overcome awkward installation where rigid duct is unable to be installed. Can be used with fans for kitchens, bathrooms, toilets, cooker hoods etc. For optimum performance duct should be as straight and taut as possible to ensure “best practice” installation.

- PVC coated aluminium ducting for general ventilation connection applications, with a degree of outer protection. Highly versatile, non degrading fire resistance tested to BS 476. Operating temp +6º – +50º coated in PVC to add extra protection from corrosion and tear damage. Can be used with fans for kitchens, bathrooms, toilets, cooker hoods etc. For optimum performance duct should be as straight and taut as possible to ensure “best practice” installation.

- Aluminium re-enforced ducting for general connection applications, with a good degree of outer protection. Highly versatile, non degrading, fire resistant tested to BS 476. Re-enforced with a tough wire spiral to maintain bore and reduce collapse. To overcome awkward situations where rigid duct cannot be installed. Can be used with fans for kitchens, bathrooms, toilets, cooker hoods and also Mechanical Extract Ventilation and Heat Recovery ventilation installations. For optimum performance duct should be as straight and taut as possible to ensure “best practice” installation.

### Accessories

**Airflex Re-enforced Aluminium Insulated Flexible Ducting**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52662701</td>
<td>ø102mm x 10m</td>
<td>90000503</td>
<td>ø160mm x 10m</td>
</tr>
<tr>
<td>52662702</td>
<td>ø127mm x 10m</td>
<td>90000504</td>
<td>ø180mm x 10m</td>
</tr>
<tr>
<td>52662703</td>
<td>ø152mm x 10m</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Airflex Flexible Ducting Resistance at Flowrate**

<table>
<thead>
<tr>
<th>AIR VOLUME m3/h (m3/h ÷ 3.6 = l/s)</th>
<th>RESISTANCE AT FLOWRATE 127mm x 10m</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>200</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>180</td>
<td>200</td>
</tr>
<tr>
<td>220</td>
<td>200</td>
</tr>
<tr>
<td>230</td>
<td>120</td>
</tr>
<tr>
<td>250</td>
<td>100</td>
</tr>
<tr>
<td>300</td>
<td>50</td>
</tr>
</tbody>
</table>

- To use: Look across for your air volume, look up to the dimension of flexible ducting, look left for the resistance per meter.

**Semi Flexible Insulated Sound Attenuators**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Average Sound Attenuation (dB)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>90000642</td>
<td>ø100mm x 500mm</td>
<td>26</td>
</tr>
<tr>
<td>90000643</td>
<td>ø125mm x 500mm</td>
<td>22</td>
</tr>
<tr>
<td>90000644</td>
<td>ø150mm x 500mm</td>
<td>21</td>
</tr>
<tr>
<td>90000645</td>
<td>ø180mm x 1000mm</td>
<td>29</td>
</tr>
<tr>
<td>90000646</td>
<td>ø200mm x 1000mm</td>
<td>23</td>
</tr>
<tr>
<td>90000647</td>
<td>ø250mm x 1000mm</td>
<td>20</td>
</tr>
</tbody>
</table>

- Semi Flexible Insulated Sound Attenuators are a perfect, cost effective solution for any ventilation system, where acoustic attenuation need addressing.

- Insulated and re-enforced aluminium ducting for general connection applications, where thermal conductivity and resistance are important. (outside the insulated envelope of a house for example). Duct can be used to connect fans in kitchens, bathrooms, toilets etc and also Mechanical Extract Ventilation and Heat Recovery Ventilation.

For optimum performance duct should be as straight and taut as possible to ensure “best practice” installation.

Airflex re-enforced aluminium insulated flexible ducting is made up with 25mm microfibre and has a thermal conductivity A in W/m.K at 10°C of 0.036 which is less than 0.04 W/(mK) which is the maximum allowed within the requirements of Domestic Ventilation Compliance Guide 2010, and is therefore compliant. It is suitable for temperatures of -30°C to +120°C and can be used up to a maximum 2000 Pa positive.

It has been tested to Fire rating BS 476 Part 6 Fire Propagation Test (passed) Part 7 Surface Spread of Flame (class I rating) Part 20 Fire Resistance (60 minutes).

**BEST PRACTICE INSTALLATION**

- To use: Look across for your air volume, look up to the dimension of flexible ducting, look left for the resistance per meter.

- Semi Flexible Insulated Sound Attenuators are a perfect, cost effective solution for any ventilation system, where acoustic attenuation need addressing.

Manufactured using a strong flexible laminated outer sheath with a corrugated aluminium inner duct. In-between these two layers is a 25mm thick mineral sound absorbing material. Each end of the attenuator has an engineered steel galvanised, male connection with integral rubber seal.

Inner duct and outer sheath comply with EN 13501-1 Fire classification of construction products and building elements.

*With attenuator fully extended.*
**Accessories**

**AIRFLEX ISO - INSULATED RIGID DUCTING**

- ISO pipe ducting, pre-insulated.
- Tough, durable, anti-static EPP construction.
- Fire retardant to EU-B2 - DIN 4102.
- Choice of components to suit any layout.
- Typically connects to MVHR units and distribution boxes and to outside for venting.
- Pre-insulated duct for when the ventilation unit is outside the warm envelope of the house. This helps to reduce condensation.

**Airflex ISO Pipe**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9041147</td>
<td>ø125mm x 2000mm</td>
</tr>
<tr>
<td>90000505</td>
<td>ø160mm x 950 mm</td>
</tr>
<tr>
<td>90000465</td>
<td>ø160mm x 2000mm</td>
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<tr>
<td>9041250</td>
<td>ø180mm x 1000mm</td>
</tr>
<tr>
<td>90000475</td>
<td>ø180mm x 2000mm</td>
</tr>
</tbody>
</table>

**AIRFLEX ISO BENDS AND CONNECTORS**

**90° Elbow**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9041152</td>
<td>ø125mm 90° ISO bend with collar</td>
</tr>
<tr>
<td>90000467</td>
<td>ø160mm 90° ISO bend with male/male connector</td>
</tr>
<tr>
<td>90000477</td>
<td>ø180mm 90° ISO bend with male/male connector</td>
</tr>
</tbody>
</table>

**45° Elbow**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>9041154</td>
<td>ø125mm 45° ISO bend with collar</td>
</tr>
<tr>
<td>90000466</td>
<td>ø160mm 45° ISO bend with male/male connector</td>
</tr>
<tr>
<td>90000476</td>
<td>ø180mm 45° ISO bend with male/male connector</td>
</tr>
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</table>

**ISO Connector**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9041149</td>
<td>ø125mm ISO pipe female /female Connector (plastic)</td>
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<tr>
<td>90000468</td>
<td>ø160mm ISO pipe male / male Connector (plastic)</td>
</tr>
<tr>
<td>90000478</td>
<td>ø180mm ISO pipe male / male connector (plastic)</td>
</tr>
</tbody>
</table>

**Accessories**

**Airflex ISO Bends and Connectors**

**90° Elbow**

<table>
<thead>
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<th>Part No.</th>
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<tr>
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<td>ø125mm 90° ISO bend with collar</td>
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<td>90000476</td>
<td>ø180mm 45° ISO bend with male/male connector</td>
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**ISO Connector**

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</tr>
<tr>
<td>90000478</td>
<td>ø180mm ISO pipe male / male connector (plastic)</td>
</tr>
</tbody>
</table>

**Accessories**

**Airflat Ducting 204mm x 60mm**

- Thin, discreet white channel ducting system for use when space is an issue, or for use in the visible area of the house.

**Flat Channel Ducting**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641201</td>
<td>204mm x 60mm x 1m</td>
</tr>
<tr>
<td>52641202</td>
<td>204mm x 60mm x 1.5m</td>
</tr>
</tbody>
</table>

**Elbow / Plenum**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641301</td>
<td>204mm x 60mm x 100mm</td>
</tr>
<tr>
<td>52641302</td>
<td>204mm x 60mm x 150mm</td>
</tr>
</tbody>
</table>

**Horizontal Bend**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641401</td>
<td>204mm x 60mm - 90°</td>
</tr>
</tbody>
</table>

**Resistance (Pa) at flow rate**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>10 l/s</th>
<th>20 l/s</th>
<th>30 l/s</th>
<th>40 l/s</th>
<th>60 l/s</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641201</td>
<td>+1</td>
<td>1</td>
<td>1.5</td>
<td>3</td>
<td>5.2</td>
</tr>
<tr>
<td>52641301</td>
<td>3.5</td>
<td>15</td>
<td>29</td>
<td>65</td>
<td>117</td>
</tr>
<tr>
<td>52641302</td>
<td>3.4</td>
<td>12</td>
<td>24</td>
<td>64</td>
<td>110</td>
</tr>
</tbody>
</table>

**Flexible Joining Piece**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641501</td>
<td>204mm x 60mm x 600mm max</td>
</tr>
</tbody>
</table>

**Vertical Bend**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641601</td>
<td>204mm x 60mm - 90°</td>
</tr>
</tbody>
</table>

**Horizontal Adapter (round / rectangle)**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51980001</td>
<td>204mm x 60mm x 125mm ø</td>
</tr>
</tbody>
</table>

**Horizontal T**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641801</td>
<td>204mm x 60mm x 125mm ø</td>
</tr>
</tbody>
</table>

**Straight Connector**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641701</td>
<td>204mm x 60mm x 125mm ø</td>
</tr>
</tbody>
</table>

**Flat Channel Clip**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641901</td>
<td>204mm x 60mm x 125mm ø</td>
</tr>
</tbody>
</table>

For sealant for duct see page 273
Accessories

Crossover Duct Connector
Part No. Dimensions
90000482 204mm x 60mm

Vertical Bend 45°
Part No. Dimensions
90000483 204mm x 60mm - 45°

Air Round Rigid Ducting

Round Pipe
Part No. Dimensions Part No. Dimensions
9021378 ø100mm x 350mm 9041543 ø125mm x 1.5m
90000048 ø100mm x 1m 9041546 ø125mm x 2m
90000051 ø100mm x 2m 9011903 ø150mm x 350mm
9041220 ø125mm x 350mm 90000049 ø150mm x 1m
9041547 ø125mm x 1m 90000052 ø150mm x 2m

White plastic round rigid ducting can be used as ducting as part of a larger system or as a component cut down. Where possible to ensure “best practice” and “installed performance” of the fan or ventilation unit it is advisable to use a rigid or semi rigid duct system to minimise bends and duct resistance. Fire tested to UL94 v2 / BS 476 these PVC rigid ducts are available in a versatile and wide range of sizes.

Resistance (Pa) at flow rate
Part No. 10 l/s 20 l/s 30 l/s 40 l/s 60 l/s
90021378 ≤1 ≤1 ≤1 ≤1 1.1
9000048 ≤1 ≤1 ≤1 ≤1 1.1
9041543 ≤1 ≤1 ≤1 ≤1 1.38
9000051 ≤1 1.6 2.6 4.4 6.2
9041220 ≤1 ≤1 ≤1 ≤1 ≤1
9041546 ≤1 ≤1 ≤1 ≤1 1.77.26
9041547 ≤1 ≤1 2.3 3.6 4.6
90000049 ≤1 ≤1 ≤1 ≤1 1.2
90000052 ≤1 ≤1 ≤1 1.1 2.4

Y Piece
Part No. Dimensions
9041556 ø125mm M

Equal T Piece
Part No. Dimensions
9041461 100 x 100 x 100mm ø M
9041201 125 x 125 x 125mm ø M
9041545 150 x 150 x 150mm ø M

90° Round Elbow
Part No. Dimensions
90000054 ø100mm M
9041542 ø125mm M
90000055 ø150mm M

45° Bend
Part No. Dimensions
9041544 ø125mm M

Resistance (Pa) at flow rate
Part No. 10 l/s 20 l/s 30 l/s 40 l/s 60 l/s 80 l/s
9041461 vary on installation
9041201 vary on installation
9041545 vary on installation

Resistance (Pa) at flow rate
Part No. 10 l/s 20 l/s 30 l/s 40 l/s 60 l/s
90000054 2.9 5.4 21 43 78
9041542 ≤1 4 7.9 16 34
90000055 ≤1 2.1 4 9.4 17

M = Male connection
For sealant for duct see page 273

Accessories

DUCT REDUCERS

Straight Reducer
Part No. Dimensions
51979601 ø125mm to 100mm M
90000060 ø150mm to 125mm M
90000061 ø200mm to 150mm M

Offset Reducer
Part No. Dimensions
52644101 ø125mm to 100mm M
(fits inside pipe 125mm - male and accepts an offset 100mm pipe - female)

Round Pipe Connector
Part No. Dimensions
90000019 ø100mm M
52644001 ø125mm M
90000058 ø150mm M
90000059 ø200mm M

ISO Reducing Connector
Part No. Dimensions
90000470 ø160mm ISO Pipe male
with seal to ø125mm
90000471 ø160mm ISO Pipe male
with seal to ø180mm
90000480 ø180mm to 160mm pipe
male / male with seals
90000497 ø200mm female to
ø160mm male with seal
90000500 ø200mm female to
ø180mm male with seal

ISO Coupling
Part No. Dimensions
9041191 ø125mm male / male
coupling with seals
9041232 ø200mm male / male
coupling with seals

ISO Coupling
Part No. Dimensions
51990601 ø100mm
52364801 ø150mm

BACKDRAUGHT FLAP

● Backdraught flaps to reduce the ingress of air from the outside and reduce wind and outside noise disturbance.

Condensation Trap
Part No. Dimensions
51978301 ø100mm
52364801 ø150mm

● A selection of roof terminal solutions allowing supply or extract through the roof of a dwelling. Both universal for multiple sizes and size specific products are available for pitched and flat roof applications.
**Accessories**

**Airflex Retro**
Discreet coving ducting

**KEY FEATURES**
- Designed for both new build and renovation projects
- Easy installation in 3 steps
- 40% saving on installation time over conventional ducting systems
- COANDA effect supply valves enable a better range of circulating ventilation
- Imminently suitable for standard footprint building design
- Can be painted to suit inside décor of dwelling
- Negates the need for suspended ceiling to hide the ducting system
- Fire retardant to EU-B2 rating DIN 4102

**Retro Ducting System**
This versatile and innovative ducting is designed around a coving system that can be incorporated within the visible part of the house or flat and is ideally suited to a standard footprint building design where there is a common entrance hallway with all the rooms branching off the hallway.

**Inner Angle with Stucco Profile**
- Part No.: 90000281
  - Description: 100 / 100mm dia (box of 2)

**Distribution Box Sealing Cap**
- Part No.: 900000282
  - Description: 100mm dia

**Outer Angle with Square Profile**
- Part No.: 90000447
  - Description: 100 / 100mm dia (box of 2)

**Wall Connecting Pipe**
- Part No.: 90000284
  - Description: 100mm dia PVC

**Duct with Square Profile**
- Part No.: 90000445
  - Description: 1m length (box of 4)

**T Piece with Square Profile**
- Part No.: 90000446
  - Description: 100 / 100 / 100mm dia (box of 4)

**Duct with Stucco Profile**
- Part No.: 90000277
  - Description: 1m length (box of 4)

**Long Connector Set**
- Part No.: 90000278
  - Description: 100mm (with clamp)

**T-Piece with Stucco Profile**
- Part No.: 90000279
  - Description: 100 / 100 / 100mm dia (box of 4)

**Short Connector**
- Part No.: 90000280
  - Description: 100mm dia

**Accessories**

**Inner Angle with Square Profile**
- Part No.: 90000447
  - Description: 100 / 100mm dia (box of 2)

**Outer Angle with Square Profile**
- Part No.: 90000448
  - Description: 100 / 100mm dia (box of 2)

**Long Connector Set**
- Part No.: 90000278
  - Description: 100mm (with clamp)

**T-Piece with Stucco Profile**
- Part No.: 90000279
  - Description: 100 / 100 / 100mm dia (box of 4)

**Short Connector**
- Part No.: 90000280
  - Description: 100mm dia

**Duct with Stucco Profile**
- Part No.: 90000277
  - Description: 1m length (box of 4)
1. Linked to an Airflow Duplexvent Domestic Heat Recovery unit that saves heat from indoors and transfers it to incoming fresh air providing an excellent indoor air quality.

2. Unique Retro Duct combination distribution box collects extracted “stale, moist” air from kitchen and bathroom whilst distributing fresh air to bedrooms and living rooms. It also absorbs some of the sound from different rooms that can be transmitted through the ventilation system.

3. Retro Ducting made from compressed EPS, looks part of the inside décor of the house as it carries the building ventilation air to and from its destination. The fixing clamps and circle system make installation a simple 3 step process.

4. Stylish ‘COANDA’ effect Retro air valves for supply and extract. The aerodynamic phenomenon known as the COANDA effect in conjunction with strategic placement of these air valves causes the supply air from the valve to ‘stick’ longer to the surface of the ceiling allowing it to be thrown further across the room before it drops at the same velocity that it would if the valve was in free air. This enables a better range of circulating ventilation in the supplied rooms ensuring a high level of good indoor air quality.

5. Supply / extract to Heat Recovery unit achieved through Airflow ISO - pre insulated piping.

6. Supply / extract to outside air.

---

How Retro Ducting Works (System 4 - MVHR)

1. Linked to an Airflow Duplexvent Domestic Heat Recovery unit that extracts from moisture producing or wet rooms allowing fresh air in via natural ventilation.

2. Unique Retro Duct combination distribution box collects extracted “stale, moist” air from kitchen and bathroom whilst distributing fresh air to bedrooms and living rooms. It also absorbs some of the sound from different rooms that can be transmitted through the ventilation system.

3. Retro Ducting made from compressed EPS, looks part of the inside décor of the house as it carries the building ventilation air to and from its destination. The fixing clamps and circle system make installation a simple 3 step process.

4. Extract valves combine a low profile stylish front for extraction of air from required areas. This enables a good range of circulating ventilation as extracted air is replaced through natural ventilation.

5. Extract to outside air.

---

How Retro Ducting Works (System 3 - MEV)

1. Linked to an Airflow - Mechanical Extract Ventilation (MEV) unit that extracts from moisture producing or wet rooms allowing fresh air in via natural ventilation.

2. Retro Ducting made from compressed EPS, looks part of the inside décor of the house as it carries the building ventilation from its source. The fixing clamps and circle system make installation a simple 3 step process.

3. Extract valves combine a low profile stylish front for extraction of air from required areas. This enables a good range of circulating ventilation as extracted air is replaced through natural ventilation.

4. Natural ventilation replaces extracted stale / moist air through window sills, trickle vents and doors.

5. Extract to outside air.
Accessories

SQUARE EXTERNAL GRILLES

- Plastic external grilles in a spread of colours and sizes. Various colours and various sizes. F/S denotes it comes with a flyscreen.

**Brown**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>5264104</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9021012</td>
<td>140 x 140 x ø100mm - F/S</td>
</tr>
<tr>
<td>9041222</td>
<td>160 x 160 x ø125mm</td>
</tr>
<tr>
<td>5264109</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**White**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641101</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>52641102</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9041221</td>
<td>160 x 160 x ø125mm</td>
</tr>
<tr>
<td>52641106</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**Grey**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641104</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9021172</td>
<td>140 x 140 x ø100mm - F/S</td>
</tr>
<tr>
<td>9041223</td>
<td>160 x 160 x ø125mm</td>
</tr>
<tr>
<td>52641107</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**Terracotta**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641103</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9021082</td>
<td>140 x 140 x ø100mm - F/S</td>
</tr>
<tr>
<td>9041224</td>
<td>160 x 160 x ø125mm</td>
</tr>
<tr>
<td>52641108</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**Beige**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52641105</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>52641106</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9041468</td>
<td>160 x 160 x ø125mm</td>
</tr>
<tr>
<td>71984001</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**Gravity Flap - White**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51791101</td>
<td>140 x 140 x ø100mm</td>
</tr>
<tr>
<td>9041469</td>
<td>160 x 140 x ø125mm</td>
</tr>
<tr>
<td>71984002</td>
<td>180 x 180 x ø150mm</td>
</tr>
</tbody>
</table>

**Gravity Flap - Terracotta**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51849605</td>
<td>140 x 140 x ø100mm</td>
</tr>
</tbody>
</table>

**GRAVITY FLAP**

- For use ideally with our range of iCON fans, multiple sizes and colours available.

**For Use With Round Rigid Duct Only.**

**TERRACOTTA**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>72596201</td>
<td>ø100mm A = ø180mm</td>
</tr>
<tr>
<td>72593101</td>
<td>ø150mm B = ø240mm</td>
</tr>
</tbody>
</table>

**White**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>72596202</td>
<td>ø100mm A = ø180mm</td>
</tr>
<tr>
<td>72593102</td>
<td>ø150mm B = ø240mm</td>
</tr>
</tbody>
</table>

**STAINLESS STEEL EXTERNAL GRILLES**

- Outside stainless steel grilles for greater weather protection suitable where a greater aesthetic appeal is necessary.

**Round Cowl with Louvers**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52644501</td>
<td>ø100mm A = ø180mm</td>
</tr>
<tr>
<td>9041226</td>
<td>ø125mm A = ø180mm</td>
</tr>
<tr>
<td>52644601</td>
<td>ø150mm A = ø180mm</td>
</tr>
</tbody>
</table>

**Round Cowl with Mesh**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52644701</td>
<td>ø100mm A = ø180mm</td>
</tr>
<tr>
<td>9041228</td>
<td>ø125mm A = ø180mm</td>
</tr>
<tr>
<td>52644801</td>
<td>ø150mm A = ø180mm</td>
</tr>
<tr>
<td>90000506</td>
<td>ø160mm A = ø180mm</td>
</tr>
<tr>
<td>9041229</td>
<td>ø180mm A = ø180mm</td>
</tr>
</tbody>
</table>

**Cowl with Gravity Flap**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9041230</td>
<td>ø125mm A = ø180mm</td>
</tr>
<tr>
<td>9041231</td>
<td>ø150mm A = ø180mm</td>
</tr>
</tbody>
</table>

**AIRBRICKS**

- Airbricks fit in neatly in a standard brick size for discreet supply or extract applications where a standard grill may not be suitable.

**Terracotta**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52642010</td>
<td>204mm x 60mm</td>
</tr>
</tbody>
</table>

**Beige**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>52642002</td>
<td>204mm x 60mm</td>
</tr>
</tbody>
</table>

**Gravity Flap - White**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51978702</td>
<td>204mm x 60mm</td>
</tr>
</tbody>
</table>

**Gravity Flap - Terracotta**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>51978701</td>
<td>204mm x 60mm</td>
</tr>
</tbody>
</table>

**Double Airbrick - C/W Adaptor**

- These Airbrick grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

**STAINLESS STEEL EXTERNAL GRILLES**

- These grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.
### STAINLESS STEEL EXTERNAL GRILLES

#### Regal Side Entry Cowl
- **Part No.**: 90000449
- **Dimensions**: To suit ø125mm ISO duct
- **Part No.**: 90000498
- **Dimensions**: To suit ø160mm ISO duct
- **Part No.**: 90000501
- **Dimensions**: To suit ø180mm ISO duct

#### Regal Front Entry Cowl
- **Part No.**: 90000459
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Terracotta
- **Part No.**: 90000450
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Sepia
- **Part No.**: 90000453
- **Dimensions**: ø100 / ø110 / ø125 / ø150 / ø160 - Slate
- **Part No.**: 90000451
- **Dimensions**: ø100mm and 125mm rigid round duct

### ROOF COWLS & TRAPS

#### Grey Roof Cowl
- **Part No.**: 9004554
- **Dimensions**: Roof cowl A.B.S ø100mm

#### Universal Roof Terminal & Adaptor
- **Part No.**: 90000349
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Anthracite
- **Part No.**: 90000351
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Terracotta
- **Part No.**: 90000350
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Sepia

#### Universal Roof Terminal & Adaptor
- **Part No.**: 90000349
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Anthracite
- **Part No.**: 90000351
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Terracotta
- **Part No.**: 90000350
- **Dimensions**: ø100mm / ø110 / ø125 / ø150 / ø160 - Sepia

### Accessories

#### Stainless Steel External Grilles

### VENTING KITS

- A range of connecting ducts and grilles to connect your Airflow fan to the outside, already with a grill provided.
- Various sizes and colours available. Will also connect to new Airflow fans, check the diameter required.

#### Cavity Wall Kit - Terracotta
- **Part No.**: 72643201
- **Dimensions**: ø100mm x 350 Rigid duct
- **Part No.**: 72643203
- **Dimensions**: ø150mm x 350 Rigid duct

#### Cavity Wall Kit - White
- **Part No.**: 72643202
- **Dimensions**: ø100mm x 350 Rigid duct
- **Part No.**: 72643204
- **Dimensions**: ø150mm x 350 Rigid duct

#### High Rise Cavity Wall Kit - Cowl / Rubber Seal
- **Part No.**: 9021451
- **Dimensions**: ø100mm Rigid duct

- These vent grille kits comply with the requirements of the Domestic Ventilation Compliance Guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

#### Flexible Wall Kit - Terracotta
- **Part No.**: 72643601
- **Dimensions**: ø100mm 3m Ducting
- **Part No.**: 72643603
- **Dimensions**: ø150mm 3m Ducting

#### Flexible Wall Kit - White
- **Part No.**: 72643602
- **Dimensions**: ø125mm 3m Ducting
- **Part No.**: 72643604
- **Dimensions**: ø150mm 3m Ducting

#### Rigid Wall Kit - Terracotta
- **Part No.**: 9000001015
- **Dimensions**: ø100mm x 350 Rigid Duct
- **Part No.**: 9000001016
- **Dimensions**: ø125mm x 350 Rigid Duct
- **Part No.**: 9000001017
- **Dimensions**: ø150mm x 350 Rigid Duct

#### Rigid Wall Kit - White
- **Part No.**: 900001019
- **Dimensions**: ø125mm x 350 Rigid Duct
- **Part No.**: 900001020
- **Dimensions**: ø150mm x 350 Rigid Duct

#### In-Line Flexible Ducting Kit
- **Part No.**: 9041185
- **Dimensions**: ø150mm x 350 Rigid Duct

- For use with Aventa. Comes with exhaust valve, duct, outside gravity flap and fitting circlips.

Customer Services 01494 525252
Accessories

ACOUSTIC ACCESSORIES

**Acoustic Humidity Air Vent**
Part No. 9041306
Dimensions 425mm x 45mm x 64mm

**Acoustic Wall Vent**
Part No. 9041323
Dimensions SC130 R 30m 1/4 gauge

**Acoustic Wall Vent**
Part No. 9041324
Dimensions SC125 R 22m 1/4 gauge

**Circular Attenuators**
Part No. 90000115
Dimensions 125mm x 600mm
Part No. 9541176
Dimensions 125mm x 900mm
Part No. 9541177
Dimensions 125mm x 1250mm

**AIR VALVES EXTRACT (E) & SUPPLY (S)**

**Plastic Adjustable Air Valve (S)**
Part No. 90000339
Dimensions ø125mm Directional supply

**Metal Adjustable Air Valve (S)**
Part No. 9041168
Dimensions ø125mm

**Plastic Adjustable Air Valve (E)**
Part No. 9020153
Dimensions ø150mm (A-185 x B-55mm)

**Fire protection extract valve**
Part No. 9000126
Dimensions ø125mm

**Metal Adjustable Air Valve (E)**
Part No. 9041172
Dimensions ø125mm

**Acoustic Wall Vent**
Part No. SC125 R 22m 1/4 gauge

**Metal Adjustable Air Valve (E)**
Part No. 9020154
Dimensions ø200mm (A-245 x B-80mm)

**Fusible link release closes the valve when temperature reaches 72°C sealing the duct from fire and smoke ingress. Fusible link release sits inside duct behind the valve approx 35mm.**

**Accessories**

**SPECIALITY AIR VALVES**

- A range of special air valves designed for when a greater degree of aesthetics is required.

**Coanda Supply Air Valve - White**
Part No. 9041166
Dimensions ø125mm

**Supply Air Valve - White**
Part No. 9041169
Dimensions ø125mm wall/ceiling

**Extract Air Valve - White**
Part No. 9041173
Dimensions ø125mm wall/ceiling

**Aluminium Wall Grille**
Part No. 9041175
Dimensions ø100mm (A-140 x B-60mm)

**Floor Grille - Satin S/steel**
Part No. 9041174
Dimensions ø125mm wall/ceiling

**Stylish Supply/Extract Valve**
Part No. 90000315
Dimensions ø100mm c/w internal filter

**Stylish Supply/Extract Valve**
Part No. 90000316
Dimensions ø125mm c/w internal filter

**Stylish Supply/Extract Valve**
Part No. 90000317
Dimensions 100mm filter

**Stylish Supply/Extract Valve**
Part No. 90000318
Dimensions 125mm filter

**Retro System Supply/Extract Valve**
Part No. 90000439
Dimensions C/W filter (9000317) 100ø

**Retro System Supply/Extract Valve**
Part No. 90000439
Dimensions C/W filter (9000317) 100ø
Accessories

SPECIALITY AIR VALVES

**Brushed Stainless Steel Floor Grille**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
<th>Suitable for</th>
</tr>
</thead>
<tbody>
<tr>
<td>90000440</td>
<td>300 x 100mm</td>
<td>outlets 90000441 and 90000525</td>
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</table>

**White Powder Coated Grilles**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>90000526</td>
<td>Slotted</td>
</tr>
<tr>
<td>90000527</td>
<td>Squared</td>
</tr>
<tr>
<td>90000528</td>
<td>Wavy</td>
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</table>

All suitable for 90000525

**Brushed stainless steel grilles**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>90000529</td>
<td>Slotted</td>
</tr>
<tr>
<td>90000530</td>
<td>Squared</td>
</tr>
<tr>
<td>90000531</td>
<td>Wavy</td>
</tr>
</tbody>
</table>

All suitable for 90000525

---

**AIRESE ADJUSTABLE AIR VALVES**

- Airese air valves are designed to provide a complete demand controlled ventilation solution. The valves automatically respond to conditions within specific rooms such as kitchens and bathrooms and then operate accordingly to meet the ventilation required for that type of room.

- Models include constant flow, pull cord activator, humidity activation, boost-electric, boost battery and humidity with timer.

- Intelligent self adjustable valves for the complete demand control solution specifically for use with MVHR and other ducted ventilation systems.

<table>
<thead>
<tr>
<th>White</th>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9041234</td>
<td>15m³/h Constant air flow</td>
<td></td>
</tr>
<tr>
<td>9041235</td>
<td>30m³/h Constant air flow</td>
<td></td>
</tr>
<tr>
<td>9041236</td>
<td>15m³/h Constant air flow, Pull Cord Boost to 30m³/h</td>
<td></td>
</tr>
<tr>
<td>9041237</td>
<td>20m³/h Constant air flow, Pull Cord Boost to 75m³/h</td>
<td></td>
</tr>
<tr>
<td>9041238</td>
<td>5m³/h Constant air flow, Humidity Boost to 45m³/h</td>
<td></td>
</tr>
<tr>
<td>9041239</td>
<td>10m³/h Constant air flow, Humidity Boost to 45m³/h</td>
<td></td>
</tr>
<tr>
<td>9041240</td>
<td>12m³/h 45m³/h  105m³/h air flow, Boost Humidity Electric with Timer</td>
<td></td>
</tr>
<tr>
<td>9041241</td>
<td>5m³/h 40m³/h  100m³/h air flow, Boost Humidity Electric with 125mm Connector</td>
<td></td>
</tr>
<tr>
<td>9041242</td>
<td>6m³/h 40m³/h  90m³/h air flow, Boost Humidity Pull Cord</td>
<td></td>
</tr>
<tr>
<td>9041243</td>
<td>5m³/h air flow, Boost Electric to 30m³/h</td>
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</tr>
<tr>
<td>9041244</td>
<td>5m³/h air flow, Boost PIR Batt to 30m³/h</td>
<td></td>
</tr>
</tbody>
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**INTUMESCENT FIRE COLLARS**

- Fire Collar - prevents spread of fire, smoke and hot gasses where fire compartment wall / floor is penetrated by plastic pipes.

- Contain intumescent material which reacts under the influence of heat on the duct pipe to form a insulation plug preventing smoke and fire passing through to the adjoining rooms. Suitable for any type of building where a fire compartment wall or floor is penetrated by plastic duct pipes. Fixed by mounting lugs these collars can be used without the need for encapsulation in walls or brickwork.

**Round**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>9000108</td>
<td>75 - 82mm dia</td>
</tr>
<tr>
<td>9000109</td>
<td>100 - 110mm dia</td>
</tr>
<tr>
<td>9000110</td>
<td>125 - 130mm dia</td>
</tr>
<tr>
<td>9000111</td>
<td>150 - 160mm dia</td>
</tr>
</tbody>
</table>

**Rectangular**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
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<tbody>
<tr>
<td>9000107</td>
<td>205mm x 60mm</td>
</tr>
<tr>
<td>9000107</td>
<td>250mm x 60mm</td>
</tr>
<tr>
<td>9000107</td>
<td>305mm x 60mm</td>
</tr>
</tbody>
</table>

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**DUCT INSULATION**

- Insulation wrap provides insulation for all Airflow’s duct systems where a degree of thermal conductivity / resistance is an issue (outside the thermal envelope of the house for example).

Airflow duct insulation wrap has been Fire Tested in accordance with BS 476, part 6, 7 and 20. Its thermal conductivity is 0.005 W/mK for 4mm thickness and therefore complies to the requirements of Domestic Ventilation Compliance Guide 2010.

**Insulation Wrap**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9000010</td>
<td>Round/oval Airflex Pro - 295mm x 25m</td>
</tr>
<tr>
<td>9000011</td>
<td>100mm Around - 345mm x 12.5m</td>
</tr>
<tr>
<td>9000012</td>
<td>125mm Around - 422mm x 12.5m</td>
</tr>
<tr>
<td>9000013</td>
<td>150mm Around - 503mm x 12.5m</td>
</tr>
<tr>
<td>9000014</td>
<td>204mm x 60mm Airflat - 531mm x 12.5m</td>
</tr>
</tbody>
</table>

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**METAL WORM DRIVE CLIPS**

**Grey Acrylic Duct Sealant**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>90000356</td>
<td>380 ml Grey acrylic duct sealant - non hardening.</td>
</tr>
</tbody>
</table>

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**Tape**

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<th>Part No.</th>
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<tbody>
<tr>
<td>90000016</td>
<td>50m tape</td>
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**8mm Wide**

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<th>Part No.</th>
<th>Dimensions</th>
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<tr>
<td>51849402</td>
<td>ø100mm/ 4” adjustable 50mm - 110mm</td>
</tr>
<tr>
<td>51849403</td>
<td>ø125mm/ 5” adjustable 60mm - 165mm</td>
</tr>
<tr>
<td>51849404</td>
<td>ø150mm/ 6” adjustable 60mm - 325mm</td>
</tr>
<tr>
<td>Accessories</td>
<td>Variable Speed Fan Controller</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>Isolation switch</td>
<td>Part No. 9041033 Maxvent / Supervent iCON 60</td>
</tr>
<tr>
<td>Part No. 90000537 Single Ph-two pole</td>
<td></td>
</tr>
<tr>
<td>Isolation switch with neon and fuse</td>
<td>Part No. 90000538 Single Ph-two pole</td>
</tr>
<tr>
<td>Momentary boost switch</td>
<td>Part No. 90000542 Single pole</td>
</tr>
<tr>
<td>On/off switch</td>
<td>Part No. 90000540 Single pole</td>
</tr>
<tr>
<td>Low and High speed and off switch</td>
<td>Part No. 90000541 Three pole</td>
</tr>
<tr>
<td>On/off switch with neon</td>
<td>Part No. 90000543 Single pole</td>
</tr>
<tr>
<td>Two position switch</td>
<td>Part No. 90000544 Single pole</td>
</tr>
<tr>
<td>Two position switch with neon for second speed</td>
<td>Part No. 90000545 Single pole</td>
</tr>
<tr>
<td>Supervent SV6 / QT150 B switch</td>
<td>Part No. 90000546 Double and single pole</td>
</tr>
<tr>
<td>Supervent SV6 switch with neon</td>
<td>Part No. 90000548 Double and single pole</td>
</tr>
<tr>
<td>On/off with lockable isolator switches</td>
<td>Part No. 90000547 Double and triple pole</td>
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<tr>
<td>Electrical Humidistat On / Off</td>
<td>Part No. 9041570 Humidistat 30% - 90%</td>
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<tr>
<td>Part No. 90000549 Three position</td>
<td>Part No. 90000550 Single and triple pole</td>
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<tr>
<td>On/off lockable and neon switch</td>
<td>Part No. 90000551 Single and double pole</td>
</tr>
<tr>
<td>On/off - 2 speed with 2x neon switch</td>
<td>Part No. 90000551 Single and double pole</td>
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</tbody>
</table>

**COMMERCIAL FAN SPEED CONTROLLERS**

- New high voltage protection adjustment on 3-Amp and the controller.
- Low voltage “No Stall” adjustment on 3-Amp and the controller.
## Accessories

### SWITCH SELECTION CHART

#### MODELS

<table>
<thead>
<tr>
<th>Switch No</th>
<th>iCONDiant</th>
<th>QuietAir</th>
<th>iCON</th>
<th>LOOVENT eco</th>
<th>LOOVENT eco SELV</th>
<th>LOOVENT Classic</th>
<th>Aura eco</th>
<th>Aura Fan/ Shower Kit</th>
<th>Aura In-Line</th>
<th>Avento In-Line</th>
<th>Avento Turbo</th>
<th>Avento Silent</th>
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<tr>
<td>90000540</td>
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</table>

#### Switch Selection

- **Maxvent**
- **Supervisor**
- **Roomvent**
- **Airovent**

#### DUPLEXVENT

- **Basic**
- **Professional**
- **Interactive**

#### Industrial Fans

- **MV/150T**
- **SV6/600**

<table>
<thead>
<tr>
<th>Switch No</th>
<th>MV/150T</th>
<th>Supervent</th>
<th>Roomvent</th>
<th>Airovent</th>
<th>Basic</th>
<th>Professional</th>
<th>Interactive</th>
<th>(Single Phase Models)</th>
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</thead>
<tbody>
<tr>
<td>90000540</td>
<td>MV/150T</td>
<td>SVE/SVET</td>
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</tbody>
</table>

Key: ALL = Switch which is suitable for all models in that range
Always Innovating

Our constant search for new and better ways to save energy, improve the indoor environment and provide you with high quality, reliable and easy to use products that contribute to a low carbon future continues.

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