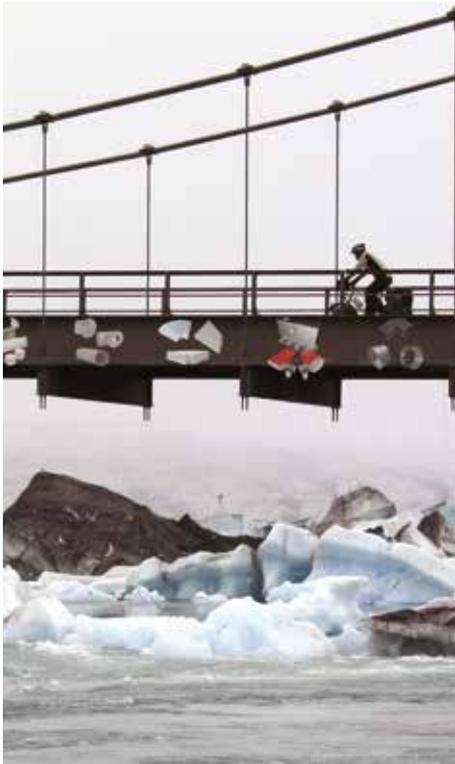


ACCESSORIES

DUCTING, GRILLES, CONTROLLERS AND MUCH MORE





COMPATIBILITY

Delivering the best performance

Accessories

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

AirflexPro 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

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Commercial Fan Speed Controllers

A range of speed controllers to 100% control commercial/ industrial fans

Acoustic Accessories

A range of Acoustic accessories

Accessories

AirflexPro

Semi rigid ducting



KEY FEATURES

- Zero leakage ensures highest performance
- Fire rated to EN13501-1 Class E
- 70% time saving on installation
- Interchangeable ducting system (75 mm round / 51 mm x 114 mm oval) without any hydraulic pressure loss
- Compact, suits narrow joists and low ceiling voids
- Durable with high crushability (10 kN/m²)
- Smooth bore with antistatic and antibacterial lining
- Easy to clean when installed
- SAP eligible ducting (non-jointed)

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 AirflexPro Oval ducting is designed to equal the hydraulic Performance of AirflexPro 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.

AirflexPro Oval Ducting



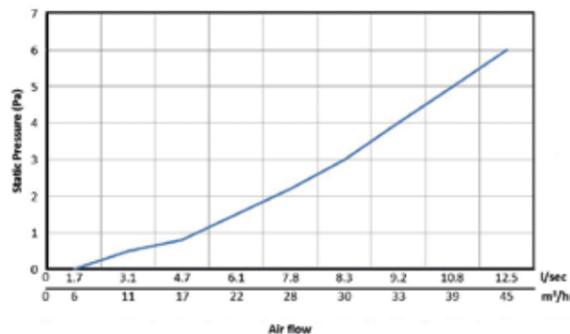
Part Number - 90000255
20 m coil (oval)
51 mm x 115 mm

AirflexPro Round Ducting



Part Number - 9041130
50 m coil (round)
75 mm Roll

AirflexPro (round and oval) semi rigid ducting flow pressure curve



Flammability Testing

AirflexPro 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).



Accessories

AirflexPro Clips

Round and oval ducting clips



KEY FEATURES

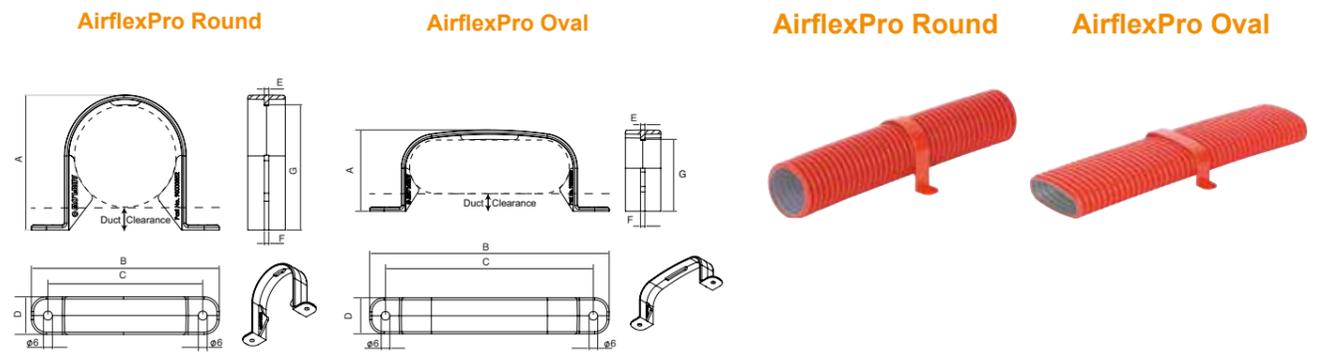
- Securely fixes both AirflexPro Round and AirflexPro Oval Duct
- Compact height allows duct fixing within narrow joist areas and low ceiling voids
- To NHBC MVHR Guidance 3.2
- Single person installation
- Keeps AirflexPro Round / Oval taut and neat on installation
- SAP eligible zero leakage ducting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

AirflexPro Round and Oval Ducting Clips

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

These compact ducting clips have been specifically designed to securely fix both AirflexPro 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 AirflexPro / Airflex Oval neat and tidy on installation in accordance with NHBC guidance 3.2.

DIMENSIONS (mm)

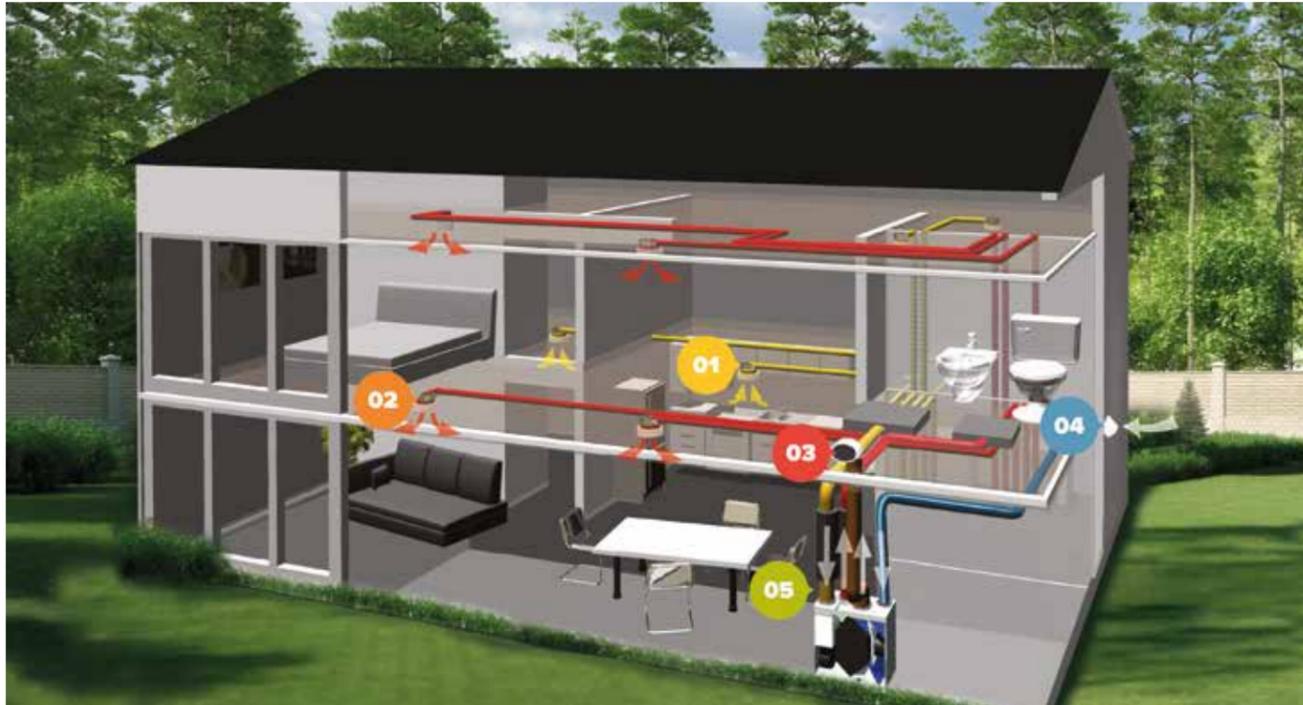


Model	A	B	C	D	E	F	G
AirflexPro Round	89.9	125	103	25	3	3	83.3
AirflexPro Oval	56.3	166	144	25	3	3	49.8

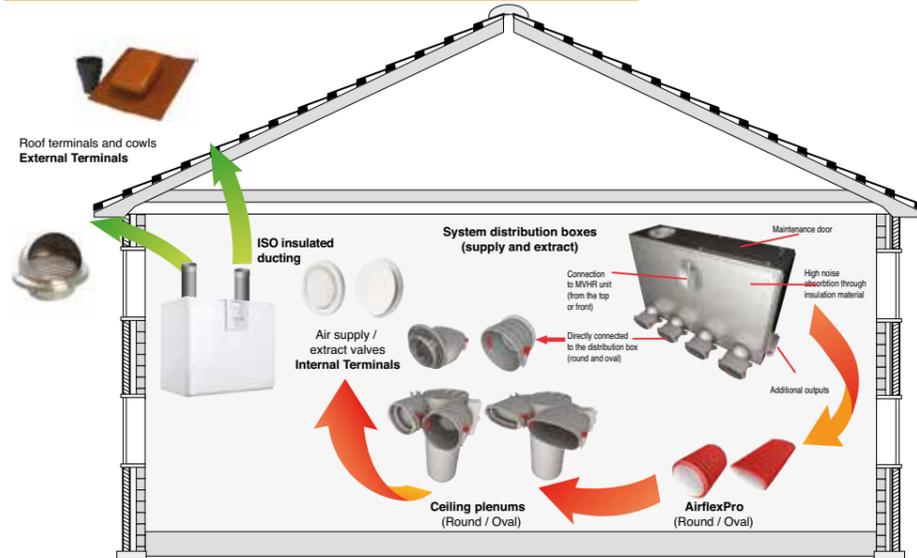
Part No.	Product	Amount
90000352	AirflexPro Round Duct Clip	Sold in packs of 10
90000353	AirflexPro Oval Duct Clip	Sold in packs of 10

Accessories

Typical System 4 (MVHR)



Typical Components System 4



Typical AirflexPro 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

Accessories

AirflexPro Accessories

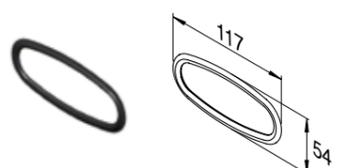
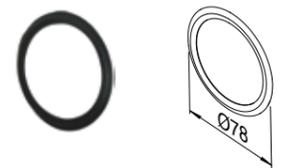
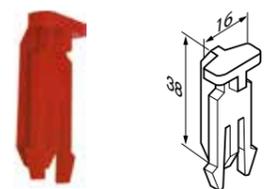
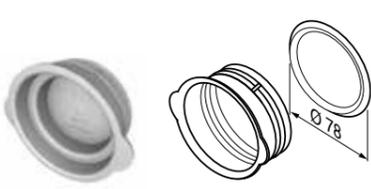
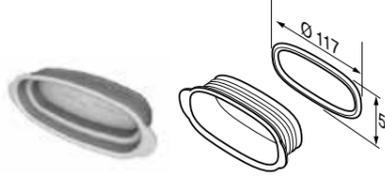
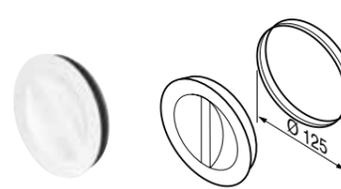
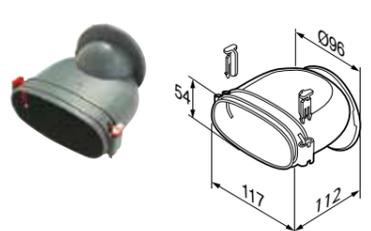
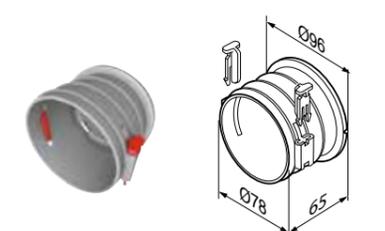
<p>Straight Connection Piece</p> <p>Part Number - 90000253 54 x 117 mm Straight Connector (oval-oval)</p>	<p>90° Vertical Transition Piece</p> <p>Part Number - 90000251 90° Vertical Transition Piece (round-oval)</p>	<p>Straight Connection Piece</p> <p>Part Number - 90000252 Straight Transition Piece (round-oval)</p>
<p>90° Vertical Elbow</p> <p>Part Number - 90000247 54 x 117 mm Vertical elbow (oval-oval)</p>	<p>90° Horizontal Elbow</p> <p>Part Number - 90000248 54 x 117 mm Horizontal elbow (oval-oval)</p>	<p>AirflexPro Round</p> <p>Figure 1. 90° bend</p>
<p>Ceiling or Wall Plenum Oval</p> <p>Part Number - 90000249 54 x 117 mm 90° Ceiling / Wall Plenum</p>	<p>Ceiling or Wall Plenum Round</p> <p>Part Number - 90000250 75 mm 90° Ceiling / Wall Plenum</p>	<p>AirflexPro Oval</p> <p>Figure 2. 90° Lateral bend</p> <p>Figure 3. 90° Horizontal bend</p> <p>AirflexPro 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 AirflexPro round and oval semi rigid ducting achieves the mechanical properties requirements set out in SAP Eligible specifications.</p>

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

Accessories

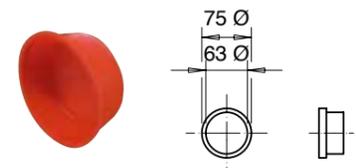
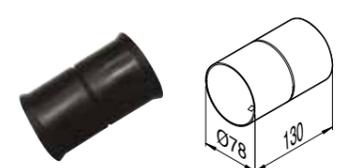
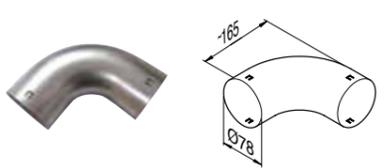
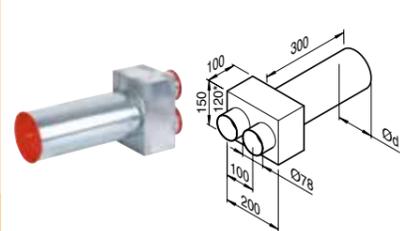
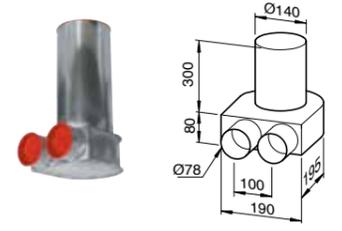
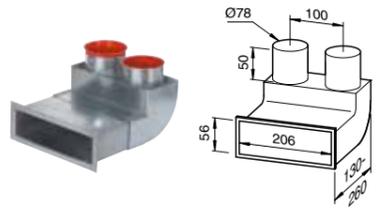
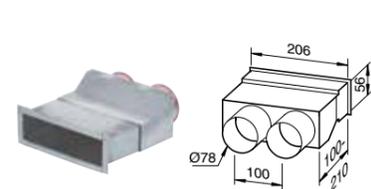
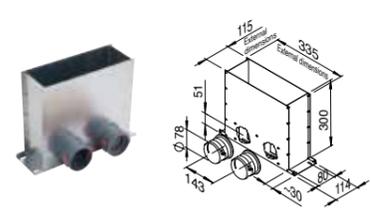
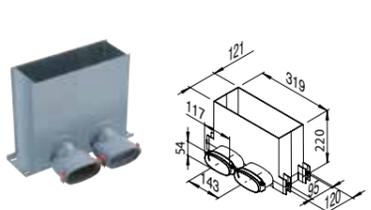
AirflexPro Accessories

- This range of AirflexPro accessories enable connection to the ventilating unit and also transformation from AirflexPro Round to Oval Duct to suit all ventilation applications.

<p>Sealing Rings Oval</p>  <p>Part Number - 90000254 54 x 117 mm dia. AirflexPro Oval Sealing Ring (pack of 10)</p>	<p>Sealing Rings Round</p>  <p>Part Number - 9041133 75 mm dia. AirflexPro Round Sealing Ring (pack of 10)</p>	<p>Spare Holding Clips</p>  <p>Part Number - 90000261 (pack of 10)</p>
<p>Sealing Cap Round</p>  <p>Part Number - 90000256 78 mm Sealing Cap for AirflexPro Round Ceiling / Wall Plenum</p>	<p>Sealing Cap Oval</p>  <p>Part Number - 90000257 54 x 117 mm Sealing Cap for AirflexPro Oval Ceiling / Wall Plenum</p>	<p>Sealing Cap for Distribution Box</p>  <p>Part Number - 90000267 125 mm Inlet Seal for Distribution Boxes</p>
<p>Oval Spigot Connection</p>  <p>Part Number - 90000259 Oval Spigots for Distribution Boxes</p>	<p>Round Spigot Connection</p>  <p>Part Number - 90000260 Round Spigots for Distribution Boxes</p>	<p>Bayonet Cap - Distribution Box</p>  <p>Part Number - 90000258 96 mm Sealing Cap for Spigot Holes in Distribution Boxes</p>

Accessories

AirflexPro Accessories

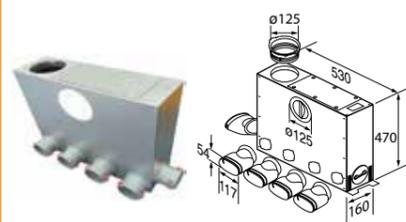
<p>Hygienic Caps</p>  <p>Part Number - 9041131 Hygienic cap for AirflexPro round (pack of 10)</p>	<p>Straight Connection</p>  <p>Part Number - 9041132 Connects AirflexPro round to AirflexPro round</p>	<p>90° Compact Elbow</p>  <p>Part Number - 9041139 75 mm dia allows very small bend radius of duct</p>
<p>Straight Ceiling Outlet</p>  <p>Part Number - 9041141 2 spigots for 75 mm piping and one spigot (125mm) for extract or supply valve</p>	<p>90° Floor Outlet</p>  <p>Part Number - 9041142 2 spigots for 75 mm piping and one spigot (140mm) for floor grille (9041174)</p>	<p>90° Wall Outlet</p>  <p>Part Number - 9041144 2 spigots for 75 mm piping and 200 mm x 50 mm opening for wall grille (9041175)</p>
<p>Straight Wall Outlet</p>  <p>Part Number - 9041143 2 spigots for 75 mm piping and 200 mm x 50 mm opening for wall grille (9041175)</p>	<p>90° Floor Outlet – Round</p>  <p>Part Number - 90000441 2 Spigots for 75 mm piping suitable for stainless steel floor grille 90000440</p>	<p>90° Wall/Floor/Ceiling Outlet-Oval</p>  <p>Part Number - 90000525 2 Spigots for 54 x 114 mm Oval piping suitable for grilles 90000440 / 90000526 / 90000527 / 90000528 90000529 / 90000530 & 90000531</p>

Accessories

AirflexPro Distribution Boxes

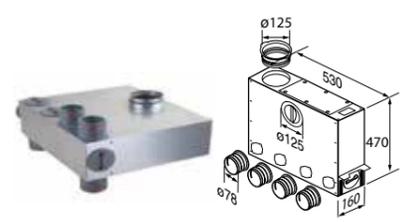
- Provides primary distribution point for AirflexPro Round and Oval Ducting from the Heat Recovery / or Ventilation unit from 5 to 15 ports with various dimensions and discharge positions.

5-Port Distribution Box (oval)



Part Number - 90000262

5-Port Distribution Box (round)



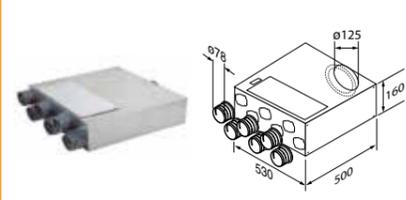
Part Number - 90000263

6-Port In-Line Distribution Box (round) Narrow



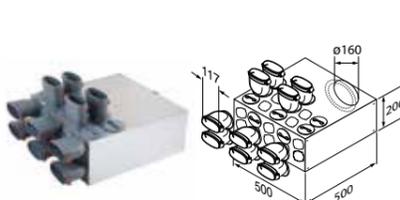
Part Number - 90000265

6-Port In-Line Distribution Box (round)



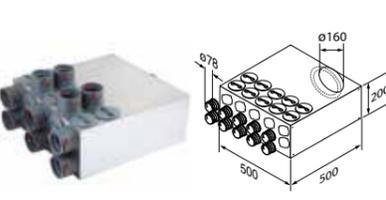
Part Number - 90000264

10-Port Distribution Box (oval)



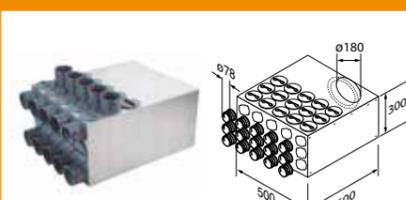
Part Number - 90000270

10-Port Distribution Box (round)



Part Number - 90000266

15-Port Distribution Box (round)



Part Number - 90000269

Combi Distribution Box (L/H)



Part Number - 90000443

Enables supply and extract simultaneously connects to AirflexPro round 75 mm (up to 6 spigots) inlet 125 mm handed inlet

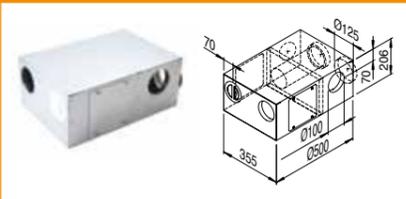
Combi Distribution Box (R/H)



Part Number - 90000444

Enables supply and extract simultaneously connects to AirflexPro round 75 mm (up to 6 spigots) inlet 125 mm handed inlet

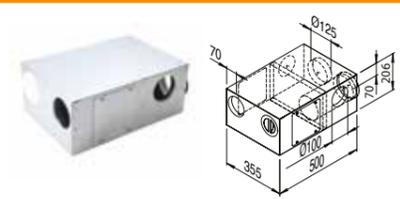
Combination Distribution Box Supply Air Right



Part Number - 90000275

125 / 100 / 100 mm dia

Combination Distribution Box Supply Air Left



Part Number - 90000276

125 / 100 / 100 mm dia

10-Port Distribution Box (round)



All distribution boxes supplied with mounting brackets. Supplied loose for ease of onsite installation

Typical Installations

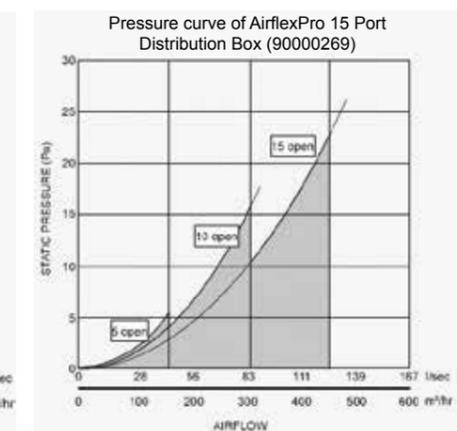
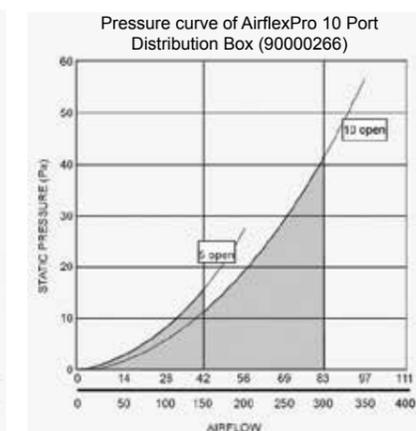
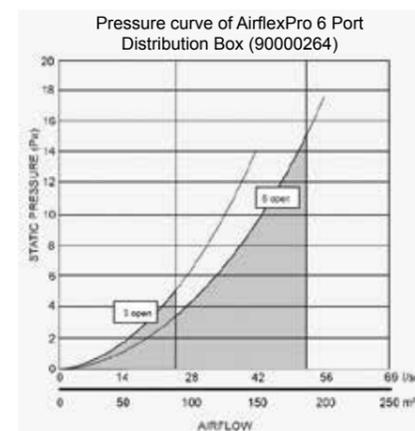
Distribution Box Sound Attenuators

Distribution Box Part Number	90000266				90000264			90000263			90000269		
Position	D	D1, D3	D2	D4	D	D1	D2	D	D1	D2	D	D1, D3	D2
Sound Input dB(A)*	52.3				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
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	Frequency (Hz)	Transmission (dB)*	Transmission (dB)*	Transmission (dB)*	Transmission (dB)*
	125	23	22.6	23.5	26.8
	250	21.8	21.3	24.2	19.4
	500	36.2	27.7	19.3	28.4
	1000	29.4	28.8	28.7	25.4
	2000	28.9	30.6	20.8	30.8
	4000	34.4	42.6	26.6	34.7
	8000	36.1	43.2	38.3	34.9

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

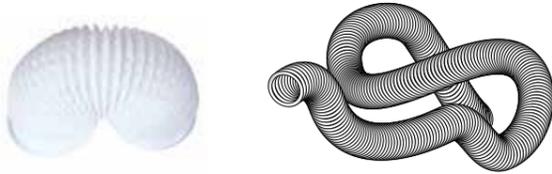
Typical Distribution Box System Pressures



Accessories

AIRFLEX DUCTING

Airflex Flexible Round PVC Hose



Part No.	Dimensions	Part No.	Dimensions
52641005	ø100 mm x 1 m	52641009	ø125 mm x 3 m
52641001	ø100 mm x 3 m	9041557	ø125 mm x 6 m
52641002	ø100 mm x 6 m	9041555	ø150 mm x 1 m
52641006	ø100 mm x 15 m	52641003	ø150 mm x 3 m
52641007	ø100 mm x 45 m	52641004	ø150 mm x 6 m
52641008	ø125 mm x 1 m		

- Flexible PVC ducting for general ventilation connection applications. Highly versatile, non degrading, operating temp of +6° – +50° 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.

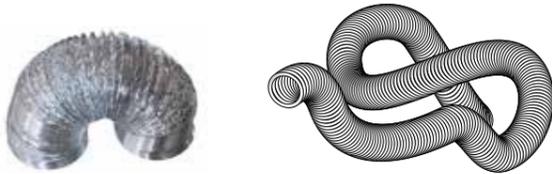
Airflex Combi Flexible Ducting



Part No.	Dimensions	Part No.	Dimensions
9021285	ø100 mm x 3 m	9021287	ø152 mm x 6 m
9021292	ø100 mm x 5 m	9021290	ø152 mm x 10 m
9021289	ø100 mm x 10 m	9021295	ø200 mm x 5 m
9021286	ø152 mm x 3 m	9021288	ø200 mm x 6 m
9021294	ø152 mm x 5 m	9021291	ø200 mm x 10 m

- 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 +6° – +50° 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.

Airflex Re-enforced Aluminium Flexible Ducting



Part No.	Dimensions	Part No.	Dimensions
9021311	ø100 mm x 3 m	9021313	ø200 mm x 3 m
9021315	ø100 mm x 5 m	9021317	ø200 mm x 5 m
9021318	ø100 mm x 10 m	9021321	ø200 mm x 10 m
9021316	ø150 mm x 5 m	9021314	ø300 mm x 5 m
9021320	ø150 mm x 10 m		

- 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



Part No.	Dimensions	Part No.	Dimensions
52662701	ø102 mm x 10 m	90000503	ø160 mm x 10 m
52662702	ø127 mm x 10 m	90000504	ø180 mm x 10 m
52662703	ø152mm x 10 m		

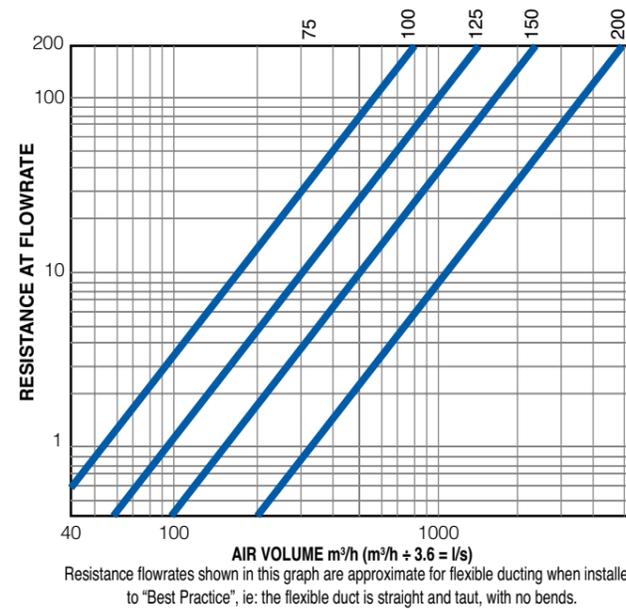
- Insulated and re-enforced aluminium ducting for general connection applications, where thermal conductivity and resistance are important. (outside the insulated envelope of a house for example). Duct can be used to connect fans in kitchens, bathrooms, toilets etc and also Mechanical Extract Ventilation 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 25 mm microfibre and has a thermal conductivity λ 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.

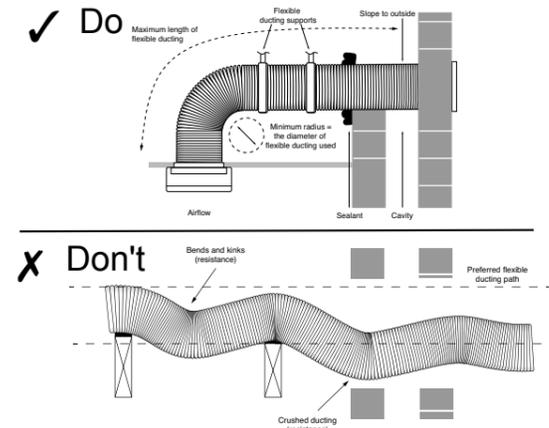
It has been tested to Fire rating BS 476 Part 6 Fire Propagation Test (passed) Part 7 Surface Spread of Flame (class I rating) Part 20 Fire Resistance (60 minutes).

Airflex Flexible Ducting Resistance at Flowrate



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

BEST PRACTICE INSTALLATION



Semi Flexible Insulated Sound Attenuators



Part No.	Dimensions	Dimensions
90000642	ø100 mm x 500 mm	26
90000643	ø125 mm x 500 mm	22
90000644	ø150 mm x 500 mm	21
90000645	ø160 mm x 1000 mm	29
90000646	ø200 mm x 1000 mm	23
90000647	ø250 mm x 1000 mm	20

- 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 25 mm 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.

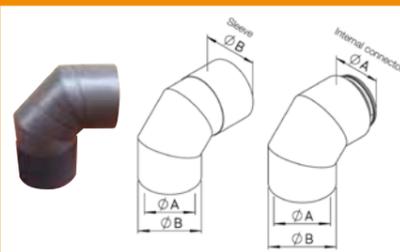
Airflex ISO Pipe



Part Number - 9041147 \varnothing 125 mm x 2000 mm
 Part Number - 90000505 \varnothing 160 mm x 950 mm
 Part Number - 90000465 \varnothing 160 mm x 2000 mm
 Part Number - 9041250 \varnothing 180 mm x 1000 mm
 Part Number - 90000475 \varnothing 180 mm x 2000 mm

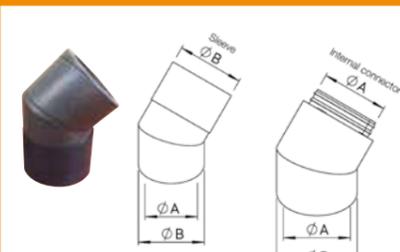
AIRFLEX ISO BENDS AND CONNECTORS

Sealing Cap Round



Part Number - 9041152
 \varnothing 125 mm 90° ISO bend with collar
 Part Number - 90000467
 \varnothing 160 mm 90° ISO bend with male/male connector
 Part Number - 90000477
 \varnothing 180 mm 90° ISO bend with male/male connector

Sealing Cap Oval



Part Number - 9041154
 \varnothing 125 mm 45° ISO bend with collar
 Part Number - 90000466
 \varnothing 160 mm 45° ISO bend with male/male connector
 Part Number - 90000476
 \varnothing 180 mm 45° ISO bend with male/male connector

Sealing Cap for Distribution Box



Part Number - 9041149
 \varnothing 125 mm ISO pipe female /female Connector (plastic)
 Part Number - 90000468
 \varnothing 160 mm ISO pipe male / male Connector (plastic)
 Part Number - 90000478
 \varnothing 160 mm ISO pipe male / male Connector (plastic)
 \varnothing 180 mm ISO pipe male / male connector (plastic)

Accessories

Airflat Ducting 204 mm x 60 mm

- 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



Part Number - 52641201
 204 mm x 60 mm x 1 m
 Part Number - 52641202
 04 mm x 60 mm x 1.5 m

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641201	<1	1	1.5	3	5.2
52641202	<1	1.1	2.3	4.1	7.7

Elbow / Plenum



Part Number - 52641301
 204 mm x 60 mm x 100 mm \varnothing
 Part Number - 9041200
 204 mm x 60 mm x 125 mm \varnothing
 Part Number - 52641302
 204 mm x 60 mm x 150 mm \varnothing

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641301	3.5	15	29	66	117
9041200	3.4	12	24	64	110
52641302	3	11.4	20	41	65

Horizontal Bend



Part Number - 52641401
 204mm x 60mm - 90°

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641401	0.8	4	8.3	17	33

Flexible Joining Piece



Part Number - 52641501
 204 mm x 60 mm x 600 mm max

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641501	0.3	1.4	2.5	5.8	11.2

Vertical Bend



Part Number - 52641601
 204 mm x 60 mm - 90°

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641601	1.2	5.1	9.7	22	44

Horizontal Adapter (round / rectangle)



Part Number - 51980001
 204 mm x 60 mm x 125 mm \varnothing

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
51980001	<1	1.4	2.7	6.5	11.4

Horizontal T



Part Number - 52641801
 204 mm x 60 mm

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641801	vary on installation				

Straight Connector



Part Number - 52641701
 204 mm x 60 mm

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
52641701	<1	<1	<1	<1	1.3

Flat Channel Clip

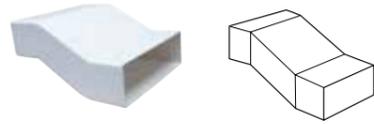


Part Number - 52641901
 204 mm x 60 mm

For sealant for duct see page 31

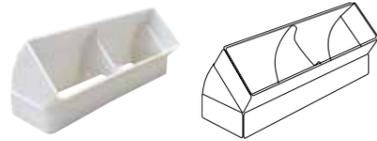
Accessories

Crossover Duct Connector



Part Number - 90000482
204 mm x 60 mm

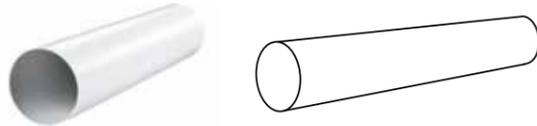
Vertical Bend 45°



Part Number - 90000483
204 mm x 60 mm - 45°

Air Round Rigid Ducting

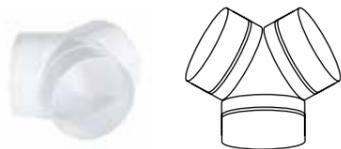
Airflex Flexible Round PVC Hose



Part No.	Dimensions	Part No.	Dimensions
9021378	ø100 mm x 350 mm	9041543	ø125 mm x 1.5 m
90000048	ø100 mm x 1 m	9041546	ø125 mm x 2 m
90000051	ø100 mm x 2 m	9001903	ø150 mm x 350 mm
9041220	ø125 mm x 350 mm	90000049	ø150 mm x 1 m
9041547	ø125 mm x 1 m	90000052	ø150 mm x 2 m

- 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.

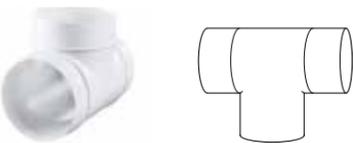
Y Piece



Part Number - 9041556
ø125 mm M

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
9021378	<1	<1	<1	<1	1.1
90000048	<1	<1	1.4	2.2	3.1
90000051	<1	1.6	2.8	4.4	6.2
9041220	<1	<1	<1	<1	<1
9041547	<1	<1	<1	<1	1.38
9041543	<1	<1	<1	1.7	2.76
9041546	<1	<1	1.2	2.3	3.6
9001903	<1	<1	<1	<1	<1
90000049	<1	<1	<1	<1	1.2
90000052	<1	<1	<1	1.1	2.4

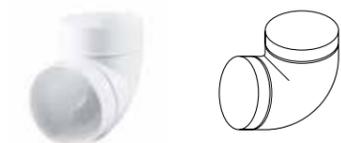
Equal T Piece



Part Number - 9041461
100 x 100 x 100 mm ø M
Part Number - 9041201
125 x 125 x 125 mm ø M
Part Number - 9041545
150 x 150 x 150 mm ø M

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

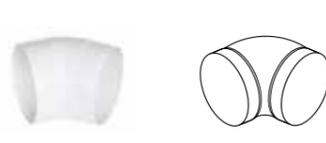
90° Round Elbow



Part Number - 90000054
ø100 mm M
Part Number - 9041542
ø125 mm M
Part Number - 90000055
ø150 mm M

Part No.	Resistance (Pa) at flow rate				
	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

45° Bend



Part Number - 9041544
ø125 mm M

Part No.	Resistance (Pa) at flow rate				
	10 l/s	20 l/s	30 l/s	40 l/s	60 l/s
9041544	<1	1.7	2.8	6.5	12

M = Male connection
For sealant for duct see page 31

Accessories

DUCT REDUCERS

- Plastic rigid ducting connections enables design of complex duct systems or for use as components in larger systems

Straight Reducer



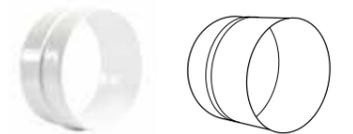
Part Number - 51979601
ø125 mm to 100 mm M
Part Number - 90000060
ø150 mm to 125 mm M
Part Number - 90000061
ø200 mm to 150 mm M

Offset Reducer



Part Number - 52644101
ø125 mm to 100 mm M
(fits inside pipe 125 mm - male and accepts an offset 100 mm pipe - female)

Round Pipe Connector

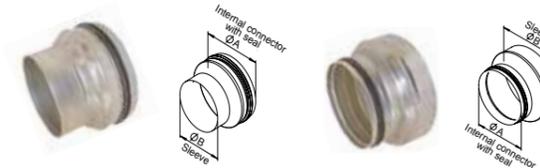


Part Number - 90000019
ø100 mm M
Part Number - 52644001
ø125 mm M
Part Number - 90000058
ø150 mm M
Part Number - 90000059
ø200 mm M

M = Male connection

AIRFLEX ISO CONNECTIONS

ISO Reducing Connector



Part No. **Dimensions**
90000470 ø160 mm ISO Pipe male with seal to ø125 mm
90000471 ø160 mm ISO Pipe male with seal to ø180 mm
90000480 ø180 mm to 160 mm pipe male / male with seals
90000497 ø200 mm female to ø160 mm male with seal
90000500 ø200 mm female to ø180 mm male with seal

ISO Coupling

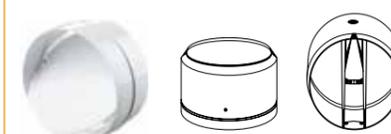


Part Number - 9041191
ø125 mm male / male coupling with seals
Part Number - 90000469
ø160 mm male / male coupling with seals
Part Number - 9041232
ø200 mm male / male coupling with seals

BACKDRAUGHT FLAP

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

Backdraught Flap



Part Number - 51990601
ø100 mm
Part Number - 52365001
ø150 mm

- 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.

Condensation Trap



Part Number - 51978301
ø100 mm
Part Number - 52364801
ø150 mm



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.

Retro ducting is lightweight, versatile and easy to fit making it the perfect choice for a discreet coving ducting application. This system can be used for System 4 (Mechanical Ventilation with Heat Recovery) in a supply and extract function and also System 3 (Mechanical Extract Ventilation) as an extract only duct system.

Inner Angle with Stucco Profile



Part Number - 90000281
100 / 100 mm dia (box of 2)

Distribution Box Sealing Cap



Part Number - 90000282
100 mm dia

Outer Angle with Stucco Profile



Part Number - 90000283
100 / 100 mm dia (box of 2)

Wall Connecting Pipe



Part Number - 90000284
100 mm dia PVC

Duct with Square Profile



Part Number - 90000445
1 m length (box of 4)

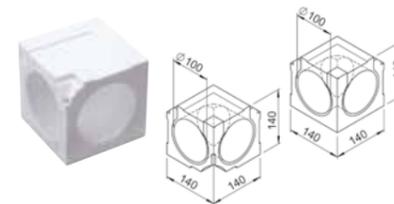
T Piece with Square Profile



Part Number - 90000446
100 / 100 / 100 mm dia (box of 4)

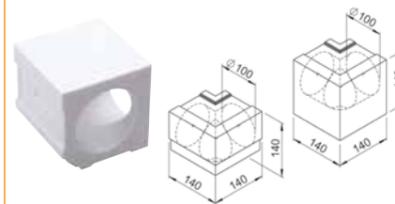
Accessories

Inner Angle with Square Profile



Part Number - 90000447
100 / 100 mm dia (box of 2)

Outer Angle with Square Profile



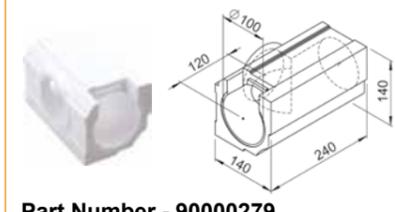
Part Number - 90000448
100 / 100 mm dia (box of 2)

Long Connector Set



Part Number - 90000278
100 mm (with clamp)

T-Piece with Stucco Profile



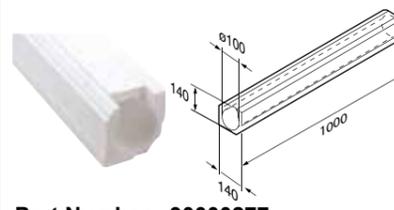
Part Number - 90000279
100 / 100 / 100 mm dia (box of 4)

Short Connector



Part Number - 90000280
100 mm dia

Duct with Stucco Profile

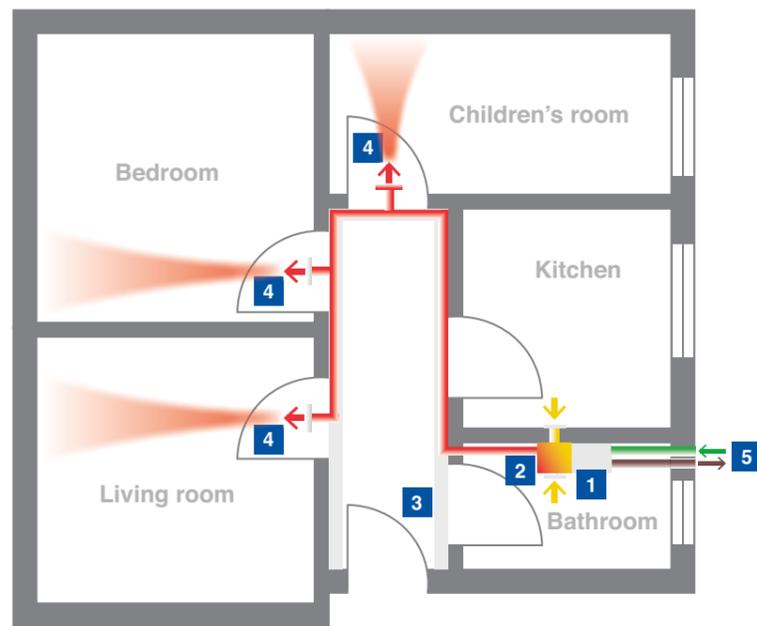


Part Number - 90000277
1m length (box of 4)

Accessories

How Retro Ducting Works (System 4 - MVHR)

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.



- = Supply Air to habital rooms
 - = Intake Air from outside
 - = Extracted Air from wet rooms
 - = Exhaust Air to outside
1. MVHR unit
 2. Distribution box
 3. Retro ducting
 4. Coanda valves above door
 5. Intake and extract

How to Fit Retro Ducting



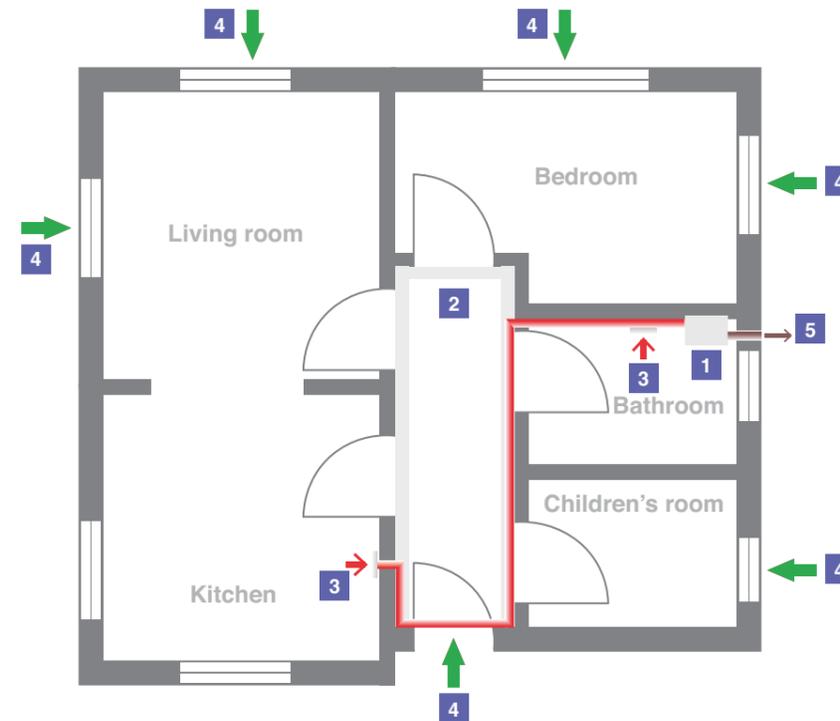
Step 1 Step 2 Step 3



Accessories

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.



- = Extracted Air
- = Extracted Air
- = Exhaust Air
- ➔ = Natural Ventilation

How to Fit Retro Ducting

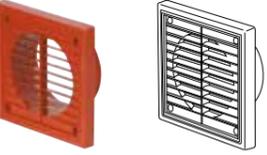
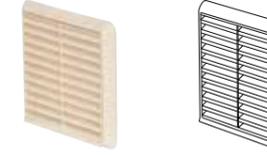
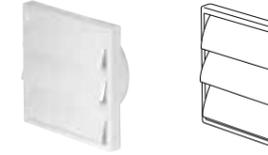


Step 1 Step 2 Step 3

Accessories

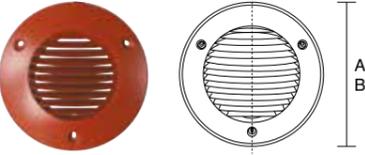
SQUARE EXTERNAL GRILLES

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

Brown	White	Grey
 <p>Part No. 52641104 140 x 140 x ø100 mm 9021012 140 x 140 x ø100 mm - F/S 9041222 160 x 160 x ø125 mm 52641109 180 x 180 x ø150 mm</p>	 <p>Part No. 52641101 140 x 140 x ø100 mm 9021172 140 x 140 x ø100 mm - F/S 9041221 160 x 160 x ø125 mm 52641106 180 x 180 x ø150 mm</p>	 <p>Part No. 52641102 140 x 140 x ø100 mm 52641107 180 x 180 x ø150 mm</p>
Terracotta	Beige	Gravity Flap - White
 <p>Part No. 52641103 140 x 140 x ø100 mm 9021082 140 x 140 x ø100 mm - F/S 9041223 160 x 160 x ø125 mm 52641108 180 x 180 x ø150 mm</p>	 <p>Part No. 52641105 140 x 140 x ø100 mm 52641110 180 x 180 x ø150 mm</p>	 <p>Part No. 51791101 140 x 140 x ø100 mm 9041468 160 x 160 x ø125 mm 71984001 180 x 180 x ø150 mm</p>

ICON ROUND EXTERNAL GRILLES

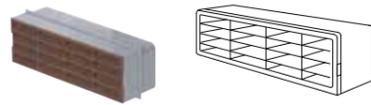
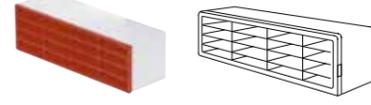
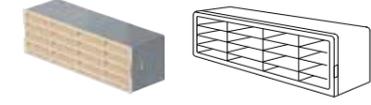
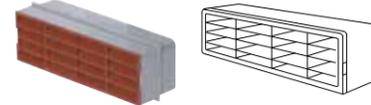
- For use ideally with our range of iCON fans, multiple sizes and colours available.
- For Use With Round Rigid Duct Only.
- These grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

Terracotta	White
 <p>Part No. 72596201 ø100 mm A = ø180 mm 72593101 ø150 mm B = ø240 mm</p>	 <p>Part No. 72596202 ø100 mm A = ø180 mm 72593102 ø150 mm B = ø240 mm</p>

Accessories

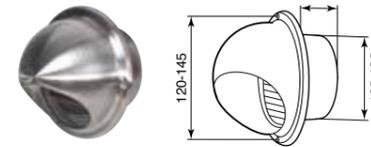
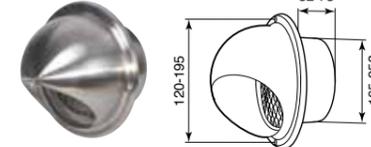
AIRBRICKS

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

Brown	Terracotta	Beige
 <p>Part No. 51849605 204 mm x 60 mm</p>	 <p>Part No. 52642010 204 mm x 60 mm</p>	 <p>Part No. 52642002 204 mm x 60 mm</p>
With Internal Damper - White	With Internal Damper - Terracotta	Double Airbrick - C/W Adaptor
 <p>Part No. 51978701 204 mm x 60 mm</p>	 <p>Part No. 51978702 204 mm x 60 mm</p>	 <p>Part No. 90000077 204 mm x 120 mm Terracotta 90000076 204 mm x 120 mm White 90000132 204 mm x 120 mm Stone</p> <p>Fits 204 x 60 Duct</p>

STAINLESS STEEL EXTERNAL GRILLES

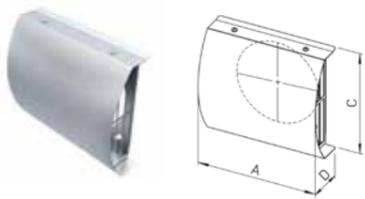
- Outside stainless steel grilles for greater weather protection suitable where a greater aesthetic appeal is necessary
- These grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

Terracotta	Beige	Gravity Flap - White
 <p>Available in 2 sizes 120-145, 52-62, 165-192</p> <p>Part No. 52644501 ø100 mm 9041226 ø125 mm 52644601 ø150 mm</p>	 <p>Available in 4 sizes 120-195, 52-73, 165-253</p> <p>Part No. 52644701 ø100 mm 9041228 ø125 mm 52644801 ø150 mm 90000506 ø160 mm 9041229 ø180 mm</p>	 <p>Part No. 9041230 ø125 mm 9041231 ø150 mm</p>

Accessories

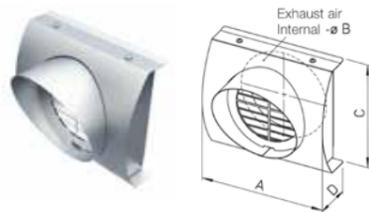
STAINLESS STEEL EXTERNAL GRILLES

Regal Side Entry Cowl



Part No.
90000449 To suit \varnothing 125 mm ISO duct
90000498 To suit \varnothing 160 mm ISO duct
90000501 To suit \varnothing 180 mm ISO duct

Regal Front Entry Cowl



Part No.
90000450 To suit \varnothing 125 mm ISO duct
90000499 To suit \varnothing 160 mm ISO duct
90000502 To suit \varnothing 180 mm ISO duct

ROOF COWLS & TRAPS

Grey Roof Cowl



Part No.
9004554 Roof cowl A.B.S \varnothing 100 mm

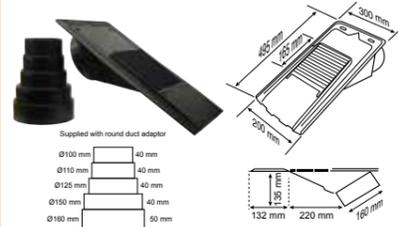
Roof Slate



Suitable for 100mm and 125mm rigid round duct

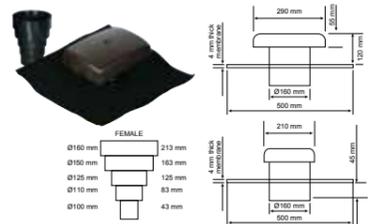
Part No.
9004597 450 mm Pitched roof
9004598 600 mm Pitched roof

Airslate & Adaptor



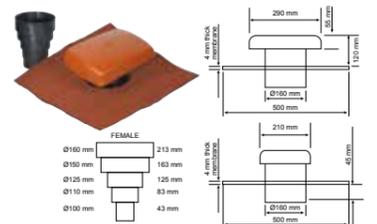
Part No.
90000453 \varnothing 100/110/125/150/160 - Slate

Universal Roof Terminal & Adaptor



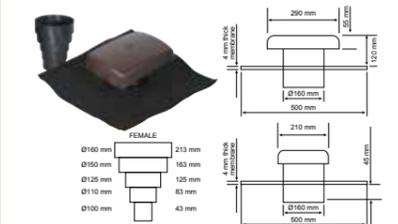
Part No.
90000349 \varnothing 100 mm / 110 / 125 / 150 / 160 mm - Anthracite

Universal Roof Terminal & Adaptor



Part No.
90000351 \varnothing 100 mm / 110 / 125 / 150 / 160 mm - Terracotta

Universal Roof Terminal & Adaptor



Part No. Dimensions
90000350 \varnothing 100 mm / 110 / 125 / 150 / 160 mm - Sepia

Duct size (mm)	Vent free area (mm ²)	Pressure / Airflow Resistance Readings (Pa) (vent system pressure)			
		100m ³ /h	200m ³ /h	400m ³ /h	800m ³ /h
100	7,850	3.0	12.0	48.0	192.0
110	8,850	4.5	18.0	72.0	288.0
125	12,250	5.3	21.2	84.8	339.2
150	17,775	6.5	26	104	416
160	18,750	6.5	26	104	416

Duct size (mm)	Vent free area (mm ²)	Pressure / Airflow Resistance Readings (Pa) (vent system pressure)			
		100m ³ /h	200m ³ /h	400m ³ /h	800m ³ /h
100	7,850	3.0	12.0	48.0	192.0
110	8,850	4.5	18.0	72.0	288.0
125	12,250	5.3	21.2	84.8	339.2
150	17,775	6.5	26	104	416
160	18,750	6.5	26	104	416

Duct size (mm)	Vent free area (mm ²)	Pressure / Airflow Resistance Readings (Pa) (vent system pressure)			
		100m ³ /h	200m ³ /h	400m ³ /h	800m ³ /h
100	7,850	3.0	12.0	48.0	192.0
110	8,850	4.5	18.0	72.0	288.0
125	12,250	5.3	21.2	84.8	339.2
150	17,775	6.5	26	104	416
160	18,750	6.5	26	104	416

For sealant for duct see page 31



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.
- These venting kit 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.

Cavity Wall Kit - Terracotta



Part Number - 72643201
 \varnothing 100 mm x 350 mm Rigid duct
Part Number - 72643203
 \varnothing 150 mm x 350 mm Rigid duct

Cavity Wall Kit - White



Part Number - 72643202
 \varnothing 100 mm x 350 mm Rigid duct
Part Number - 72643204
 \varnothing 150 mm x 350 mm Rigid duct

High Rise Cavity Wall Kit - Cowl / Rubber Seal



Part Number - 9021451
 \varnothing 100 mm Rigid duct

This high rise cavity wall kit enables installation via insertion from the inside of the dwelling, so no access to the outside of the property is required.

Flexible Wall Kit - Terracotta



Part Number - 72643601
 \varnothing 100 mm 3 m Ducting
Part Number - 90000437
 \varnothing 125 mm 3 m Ducting
Part Number - 72643603
 \varnothing 150 mm 3 m Ducting

Flexible Wall Kit - White



Part Number - 72643602
 \varnothing 100 mm 3 m Ducting
Part Number - 90000438
 \varnothing 125 mm 3 m Ducting
Part Number - 72643604
 \varnothing 150 mm 3 m Ducting

In-Line Flexible Ducting Kit



Part Number - 9041183
 \varnothing 100 mm x 6 m
Part Number - 9041184
 \varnothing 125 mm x 6 m
Part Number - 9041185
 \varnothing 150 mm x 6 m

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

Rigid Wall Kit - Terracotta



Part Number - 900001015
 \varnothing 100 mm x 350 mm Rigid Duct
Part Number - 900001016
 \varnothing 125 mm x 350 mm Rigid Duct
Part Number - 900001017
 \varnothing 150 mm x 350 mm Rigid Duct

Rigid Wall Kit - White



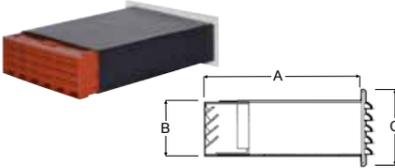
Part Number - 900001018
 \varnothing 100 mm x 350 mm Rigid Duct
Part Number - 900001019
 \varnothing 125 mm x 350 mm Rigid Duct
Part Number - 900001020
 \varnothing 150 mm x 350 mm Rigid Duct

Accessories

BACKGROUND VENTILATORS

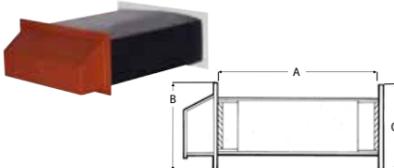
- The Airflow Wallvent Range is a range of passive ventilators that offer a complete solution for natural ventilation that naturally provide the effective ventilation required in a dwelling and are suited to the airtight construction of new homes. Like trickle vents, wall vents provide an important inlet for air circulating around the dwelling. Stale air can then be expelled from the dwelling via continuous (MEV) or intermittent extract systems.

215 x 72mm Wallvent Kit



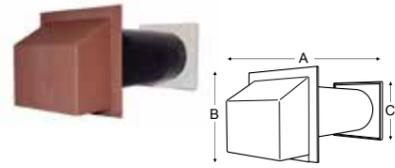
Part Numbers –
90001525
 215x72mm Wallvent Kit - Terracotta
90001526
 215x72mm Wallvent Kit - Brown
90001527
 215x72mm Wallvent Kit - Black
90001528
 215x72mm Wallvent Kit - Buff

230 x 90mm Wallvent Kit



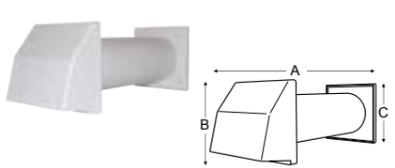
Part Numbers –
90001738
 230x90mm Wallvent Kit - Terracotta
90001739
 230x90mm Wallvent Kit - Brown
90001740
230x90mm Wallvent Kit - White

125mm Wallvent Kit



Part Numbers –
90001741
 125mm Wallvent Kit - Brown
90001742
 125mm Wallvent Kit - Terracotta
90001743
 125mm Wallvent Kit - White

100mm Wallvent Kit



Part Numbers –
90001744
 100mm Wallvent Kit - Brown
90001745
 100mm Wallvent Kit - White

TECHNICAL DATA

Model	Equivalent Free Area (mm ²)
215 X 72mm Wallvent Kit	5825
230 X 90mm Wallvent Kit	3370
125mm Wallvent Kit	6499
100mm Wallvent Kit	4044

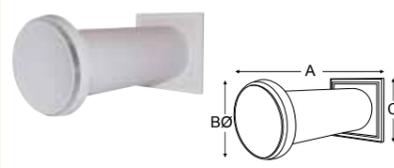
Dimensions	A (mm)	B (mm)	C (mm)	Duct Size (mm) (Ø)
215 X 72mm Wallvent Kit	335	71.5 x 215	100 x 250	285 x 215
230 X 90mm Wallvent Kit	350	260 x 120	265 x 125	285 x 90
125mm Wallvent Kit	415	200 x 190	165 x 165	Ø125 x 300
100mm Wallvent Kit	395	150 x 150	150 x 150	Ø100 x 300

Accessories

WALLVENT VALVE KITS

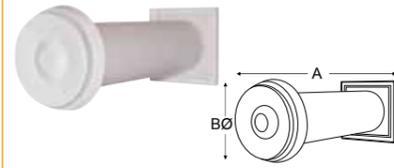
- The Wallvent Valve Kits offer a stylish alternative to traditional airbrick ventilators. The Wallvent 125 Basic Valve Kit offers manual volume flow adjustment by rotating the valve disc. Turning the valve increases the equivalent area therefore allowing more air to flow into the room. The internal valve compliments exiting ventilating fans.
- The Wallvent 100 Thermo Valve Kit offers fully automated demand-based air volume control. The built-in thermostat regulates the size of the opening and operates in a temperature of -6°C to +20°C. The valve disc can also be manually adjusted to the desired setting. As the temperature decreases, the damper closes, and then opens again as the temperature increases. Also comes with a washable G3 filter.

Wallvent 125 Basic Valve Kit



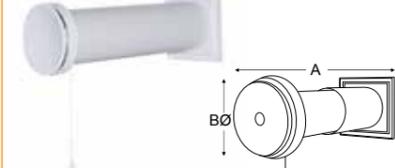
Part Numbers –
90001768
 Wallvent 125 Basic Valve Kit - White
90001776
 Wallvent 125 Basic Valve Kit - Brown
90001777
 Wallvent 125 Basic Valve Kit - Terracotta
90001778
 Wallvent 125 Basic Valve Kit - Grey

Wallvent 100 Thermo Valve Kit

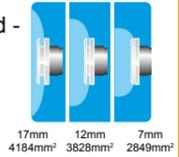


Part Numbers –
90001747
 Wallvent 100 Thermo Valve Kit - White
90001781
 Wallvent 100 Thermo Valve Kit - Brown
90001782
 Wallvent 100 Thermo Valve Kit - Terracotta

Wallvent 100 Pullcord



Part Numbers –
90001908
 Wallvent 100 Pullcord - White
90001909
 Wallvent 100 Pullcord - Brown
90001910
 Wallvent 100 Pullcord - Terracotta

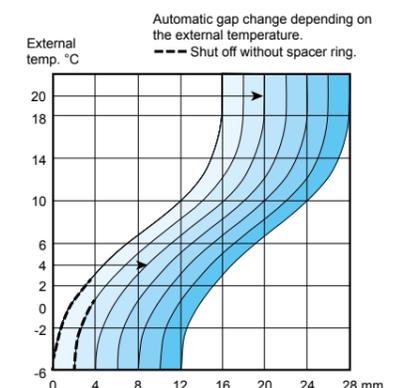


TECHNICAL DATA

Opening (mm)	Equivalent Free Area (mm ²)*		
	8mm	10mm	12mm
Wallvent 125 Basic	3001	3637	4273
Wallvent 100 Thermo	1946	2429	2446
Opening (mm)	7mm	12mm	17mm
Wallvent 100 Pullcord	2849	3828	4184

Dimensions (mm)	A	B (Ø)	C	Duct Size (Ø)
Wallvent 125 Basic	381	175	187 x 187	125
Wallvent 100 Thermo	390	160	154 x 154	100
Wallvent 100 Pullcord	390	160	154 x 154	100

- The Wallvent 100 Pullcord offers manual volume flow adjustment using an integrated free-hanging pull cord with a three-level locking mechanism. The supply air flows in through the disc valve and is optimally distributed into the habitable room.



Accessories

ACOUSTIC ACCESSORIES

Acoustic Humidity Air Vent



Part Number - 9041306
425 mm x 45 mm x 64 mm

Acoustic Wall Vent



Part Number - 9041323
SC130 R 30 m³/h

Acoustic Wall Vent



Part Number - 9041324
SC125 R 22 m³/h

Round vent has built in background flap

Circular Attenuators



Part Number
9000115 125 mm x 600 mm
9541176 125 mm x 900 mm
9541177 125 mm x 1250 mm

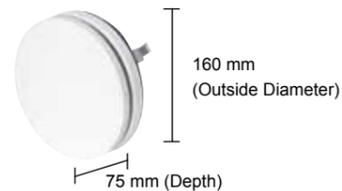
AIR VALVES EXTRACT (E) & SUPPLY (S)

Plastic Adjustable Air Valve (S)



Part Number - 90000339
ø125 mm Directional supply
Direct the airflow from this valve to the area of your choice in the room

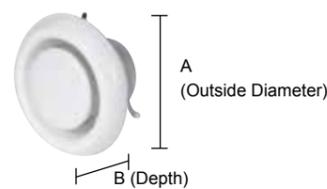
Metal Adjustable Air Valve (S)



Part Number - 9041168
ø125 mm

• A range of plastic and metal supply and extract air valves. Multiple sizes for all ventilation applications.

Plastic Adjustable Air Valve (E)



Part Number - 9020152
ø100 mm (A-140 x B-60 mm)
Part Number - 90000340
ø125 mm (A-165 x B-65 mm)
Part Number - 9020153
ø150 mm (A-185 x B-55 mm)
Part Number - 9020154
ø200 mm (A-245 x B-80 mm)

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 35 mm.

Metal Adjustable Air Valve (E)



Part Number - 9041172
ø125 mm

Fire protection extract valve



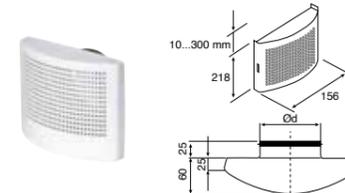
Part Number - 90000126
ø125 mm

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 Number - 90000285 ø100 mm
Part Number - 9041166 ø125 mm

Supply Air Valve - White



Part Number - 9041169
ø125 mm wall/ceiling

Extract Air Valve - White



Part Number - 9041173
ø125 mm wall/ceiling

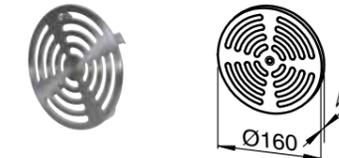
COANDA effect valve for supply enables a better range of circulating ventilation ensuring a high level of indoor air quality. Can be used for extract without coanda effect.

Aluminium Wall Grille



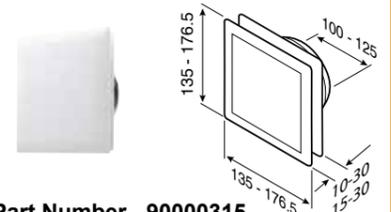
Part Number - 9041175
Grille for wall mounting from aluminium 200 x 50 mm (inner), 250 x 110 mm (outer)
Air volume adjustable via horizontal and vertical fins fits with straight wall outlet (9041143) and 90° Wall outlet (9041144) also fits to 204 mm x 60 mm ducting

Floor Grille - Satin S/steel



Part Number - 9041174
Floor grille from satin stainless steel air volume adjustable via setting disc fits with floor outlet (9041142)

Stylish Supply/Extract Valve



Part Number - 90000315
100 mm ø c/w internal filter
Part Number - 90000316
125 mm ø c/w internal filter
Part Number - 90000317
100 mm filter
Part Number - 90000318
125 mm filter

Coanda Supply Air Valve - White

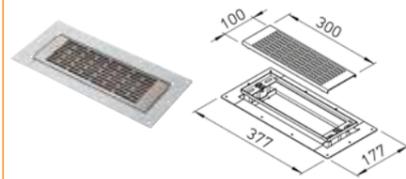


Part Number - 90000439
100 mm ø c/w internal filter
Part Number - 90000317
100 mm filter

Accessories

SPECIALITY AIR VALVES

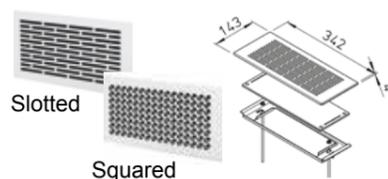
Brushed Stainless Steel Floor Grille



Part Number - 90000440

300 x 100 mm Suitable for outlets 90000441 and 90000525

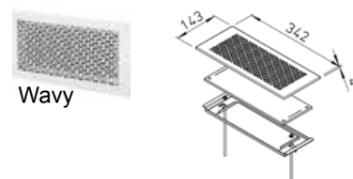
White Powder Coated Grilles



Part Number

90000526 - Slotted
90000527 - Squared
90000528 - Wavy
All suitable for 90000525

Brushed stainless steel grilles



Part Number

90000529 - Slotted
90000530 - Squared
90000531 - Wavy
All suitable for 90000525

AIRESE ADJUSTABLE AIR VALVES

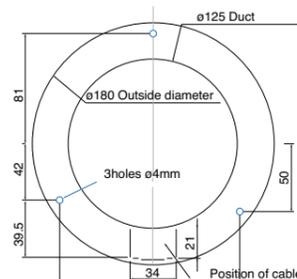
- Airese air valves are designed to provide a complete demand controlled ventilation solution. The valves automatically respond to conditions within specific rooms such as kitchens and bathrooms and then operate accordingly to meet the ventilation required for that type of room.
- Models include constant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

White

Part Number

9041234 15 m³/h Constant air flow
9041235 30 m³/h Constant air flow
9041236 15 m³/h Constant air flow, Pull Cord Boost to 30 m³/h
9041237 20 m³/h Constant air flow, Pull Cord Boost to 75 m³/h
9041238 5 m³/h Constant air flow, Humidity Boost to 45 m³/h
9041239 10 m³/h Constant air flow, Humidity Boost to 45 m³/h
9041240 12 m³/h/ 45 m³/h/ 105 m³/h air flow, Boost Humidity Electric with Timer
9041241 5 m³/h/ 40 m³/h/ 100 m³/h air flow, Boost Humidity Electric with 125 mm Connector
9041242 6 m³/h/ 40 m³/h/ 90 m³/h air flow, Boost Humidity Pull Cord
9041243 5 m³/h air flow, Boost Electric to 30 m³/h
9041244 5 m³/h air flow, Boost PIR Batt to 30 m³/h



Accessories

INTUMESCENT FIRE COLLARS

Round



Part Number

90000108 75 - 82 mm dia
90000109 100 - 110 mm dia
90000110 125 - 130 mm dia
90000111 150 - 160 mm dia

Rectangular



Part Number

90000107 205 mm x 60 mm

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.

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.

Tape

Part Number - 90000016
50 m tape

Adhesive aluminium tape for the fitting and installation of aluminium insulation wrap. Non hardening adhesive.

Grey Acrylic Duct Sealant

Part Number - 90000356
380 ml Grey acrylic duct sealant - non hardening.

Insulation Wrap

Part Number

90000108 75 - 82 mm dia
90000010 Round/oval AirflexPro - 295 mm x 25 m
90000011 100 mm Airound - 345 mm x 12.5 m
90000012 125 mm Airound - 422 mm x 12.5 m
90000013 150 mm Airound - 503 mm x 12.5 m
90000014 204 mm x 60 mm Airflat - 531 mm x 12.5 m

Metal worm drive clips - 8 mm wide

Part Number

51849402 ø100 mm/ 4" adjustable 50 mm - 110 mm
51849403 ø125 mm/ 5" adjustable 60 mm - 165 mm
51849404 ø150 mm/ 6" adjustable 60 mm - 325 mm

Accessories

Isolation switch



Part Number - 90000537
Single Ph-two pole

Isolation switch with neon



Part Number - 90000538
Single Ph-two pole

Isolation switch with neon and fuse



Part Number - 90000539
Single Ph-two pole

On/off switch



Part Number - 90000540
Single pole

Low and High speed and off switch



Part Number - 90000541
Three pole

Momentary boost switch



Part Number - 90000542
Single pole

On/off switch with neon



Part Number - 90000543
Single pole

Two position switch



Part Number - 90000544
Single pole

Two position switch with neon for second speed



Part Number - 90000545
Single pole

Supervent SV6 / QT150 B switch



Part Number - 90000546
Double and single pole

Supervent SV6 switch with neon



Part Number - 90000548
Double and single pole

On/off with lockable isolator switches



Part Number - 90000547
Double and triple pole

Three position with neon speed indicator switch



Part Number - 90000549
Three position

On/off lockable and neon switch



Part Number - 90000550
Single and triple pole

On/off - 2 speed with 2x neon switches



Part Number - 90000551
Single and double pole

Accessories

Variable Speed Fan Controller



Part Number - 90000537
Single Ph-two pole

1 Amp Reversible Speed Controller



Part Number - 90000538
Single Ph-two pole

1 Amp Stepless Speed controller



Part Number - 90000539
Single Ph-two pole

3 Amp Stepless Speed Controller



Part Number - 9041569
Single phase fans

QuietAir 150 VS controller



Part Number - 90000514
QT150VS

PIR Motion Sensor Timer



Part Number - 51969702
c/w timer 3 - 30 mins

Electrical Humidistat On / Off



Part Number - 9041570
Humidistat 30% - 90%

Single gang back box



Part Number - 90000552
35mm deep

Double gang back box



Part Number - 90000553
35mm deep

COMMERCIAL FAN SPEED CONTROLLERS

Speed Controller 1 AMP



Part Number - 9021055
100% speed controller for linear control of fans

Speed Controller 3 AMP



Part Number - 9021055
100% speed controller for linear control of fans

- 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												
Switch No	iCONstant	QuietAir	iCON	LOOVENT eco	LOOVENT eco SELV	LOOVENT Classic	Aura eco	Aura Fan/ Shower Kit	Aura In-Line	Aventa In-Line	Aventa Turbo	Aventa Silent
90000540	ALL	ALL	ALL	ALL	ALL	ALL	ALL (except MST)	ALL	ALL	ALL	ALL	ALL
90000547	-	-	ALL	-	-	-	-	-	-	-	-	-
90000550	-	-	ALL	-	-	-	-	-	-	-	-	-
90000543	-	QT100B QT120B QT150B	ALL	LVECOD LVECOMST LVECOT	ALL	ALL	ALL (except MST)	ALL	ALL	ALL	ALL	ALL
90000541	-	QT100B QT120B QT150B	-	-	-	-	-	-	-	AV150 AV125 AV100	-	-
90000549	-	-	-	-	-	-	-	-	-	AV150 AV125 AV100	-	-
90000458	-	QT150VS	-	-	-	-	-	-	-	-	-	-
Switch Selection				DUPLXVENT				Industrial Fans				
	Maxivent	Supervent	Roomvent	Airovent	Basic	Professional	Interactive	(Single Phase Models)				
90000540	MV150HP MV150T	SV6/SV6T	ALL	-	ALL	DV50, DV80, DV90	ALL	ALL				
90000547	-	-	-	-	-	-	-	-				
90000550	-	-	-	-	-	-	-	-				
90000543	MV150T	SV6/SV6T	ALL	-	BV400	BV400	-	ALL				
90000541	-	-	-	ALL	-	-	-	-				
90000549	-	-	-	-	-	-	-	-				
90000545	-	SV6	-	-	-	-	-	-				
90000546	-	SV6	-	-	-	-	-	-				
90000548	-	SV6	-	-	-	-	-	-				
90000551	-	SV6	-	-	-	-	-	-				
90000542	-	-	-	-	-	DV96, DV110, DV145 DV200	-	-				

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



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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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80000191 - Issue6 12/23