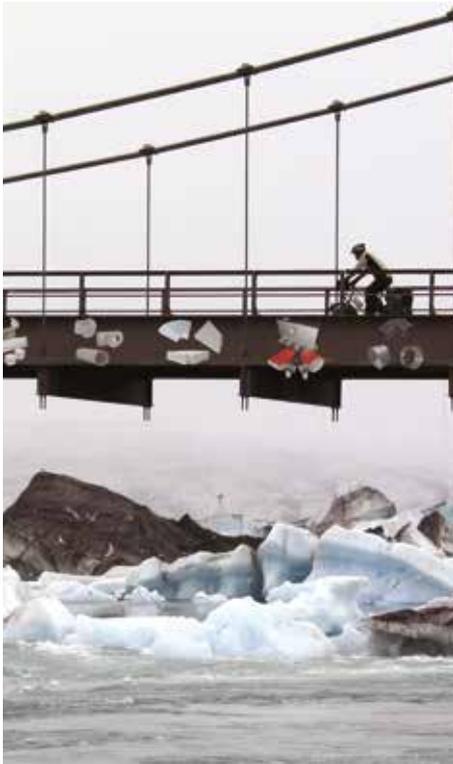
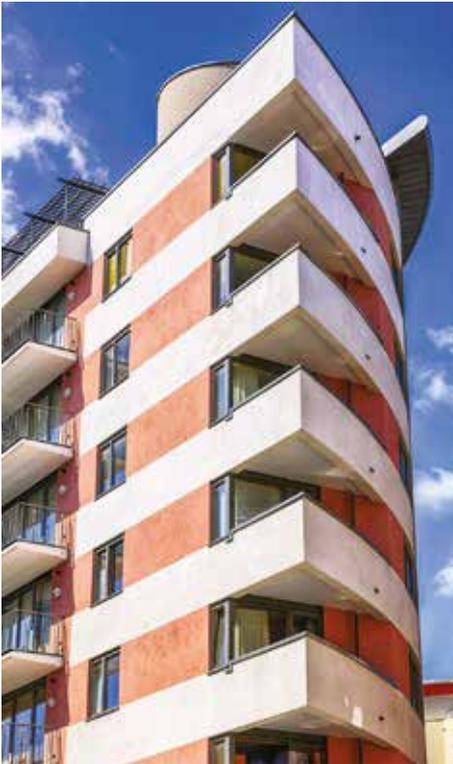
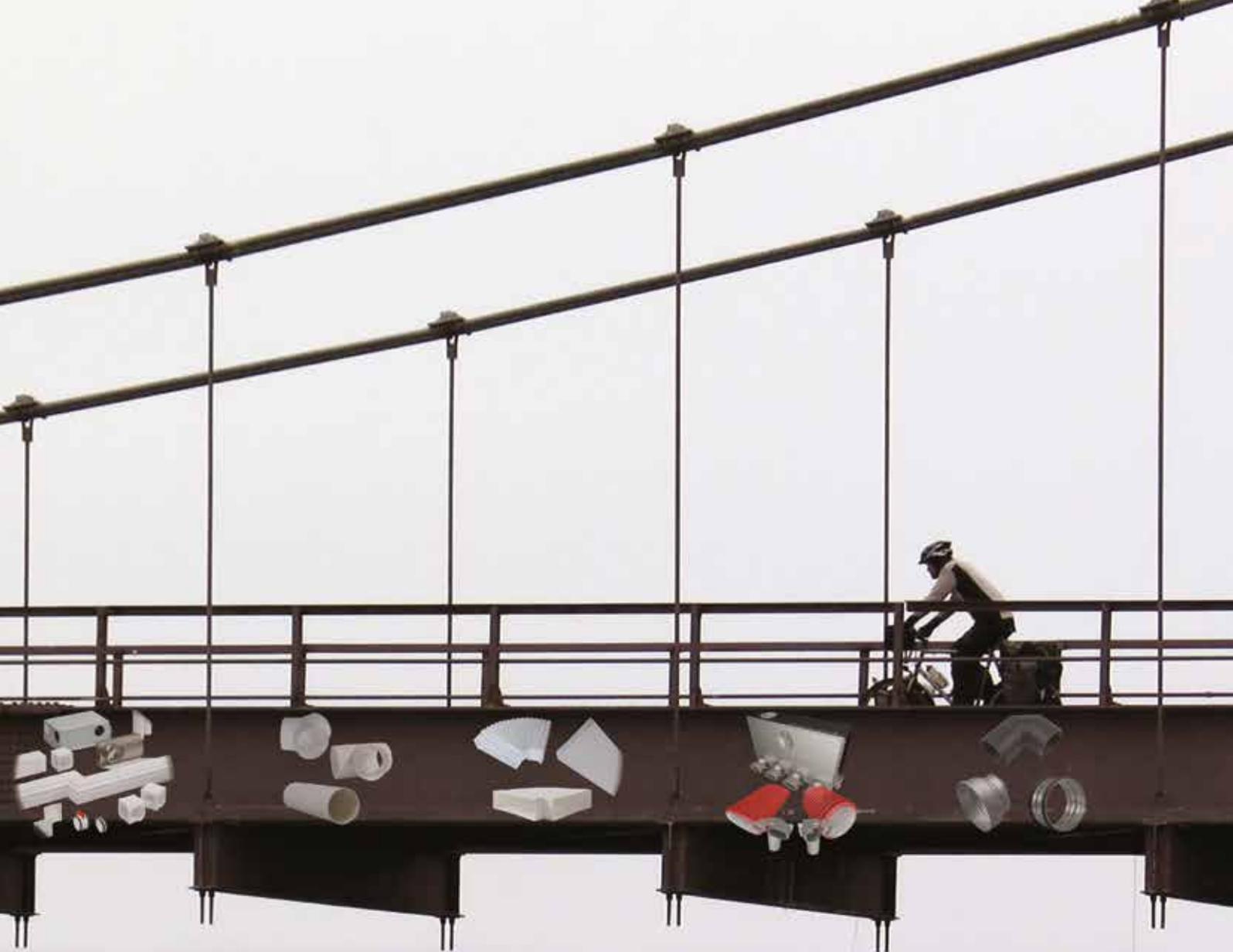


ACCESSORIES

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



airflow.com



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



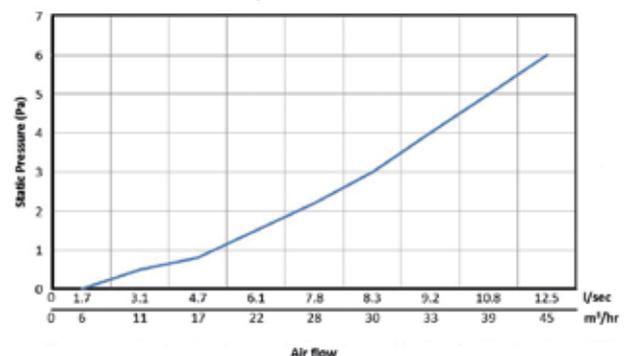
Part Number - 9000255
20 m coil (oval)
51 mm x 115 mm

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.

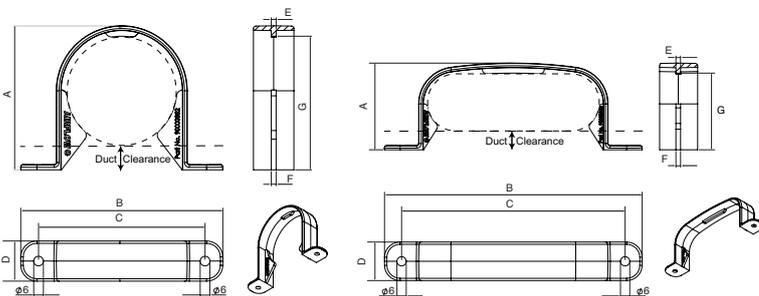
DIMENSIONS (mm)

AirflexPro Round

AirflexPro Oval

AirflexPro Round

AirflexPro Oval



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

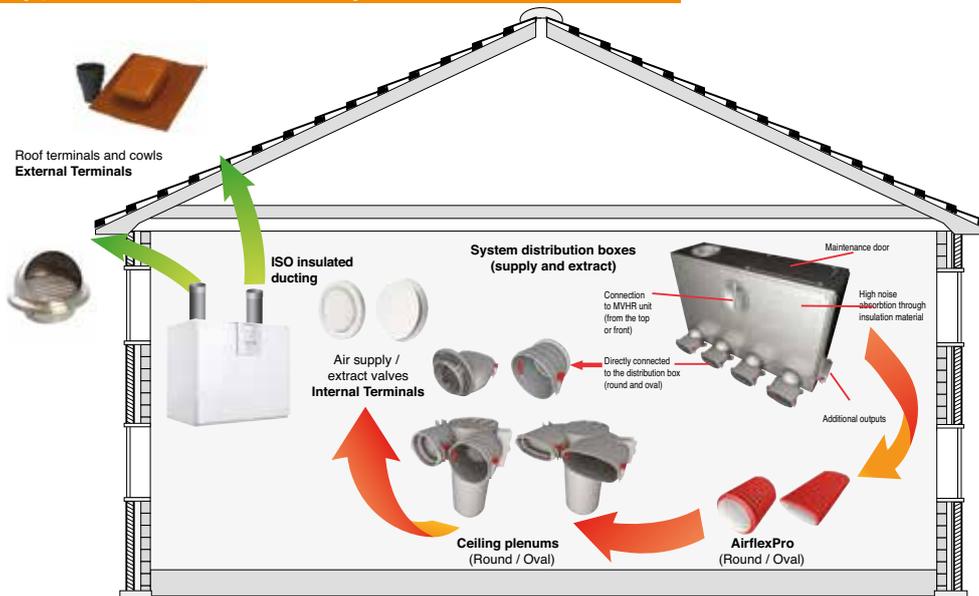
Part No.	Product	Amount
90000352	AirflexPro Round Duct Clip	Sold in packs of 10
90000353	AirflexPro Oval Duct Clip	Sold in packs of 10

Accessories

Typical System 4 (MVHR)



Typical Components System 4



Typical AirflexPro installation showing the transition between oval and round without increasing the system pressure



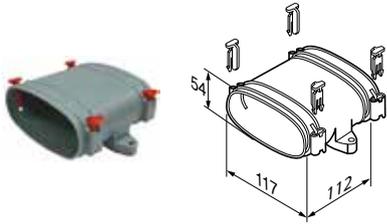
Distribution box with oval pipes going through the floor, input from the bottom



Accessories

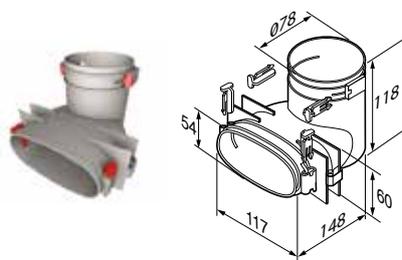
AirflexPro Accessories

Straight Connection Piece



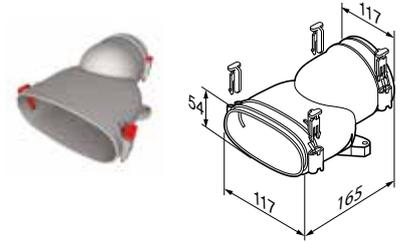
Part Number - 90000253
54 x 117 mm Straight Connector
(oval-oval)

90° Vertical Transition Piece



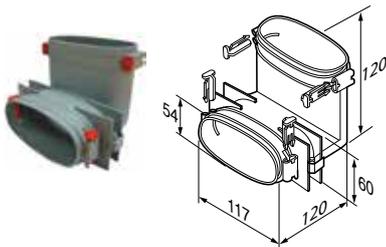
Part Number - 90000251
90° Vertical Transition Piece
(round-oval)

Straight Connection Piece



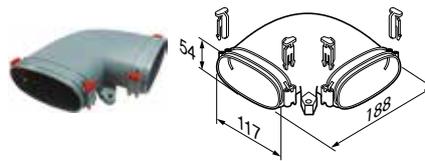
Part Number - 90000252
Straight Transition Piece
(round-oval)

90° Vertical Elbow



Part Number - 90000247
54 x 117 mm Vertical elbow
(oval-oval)

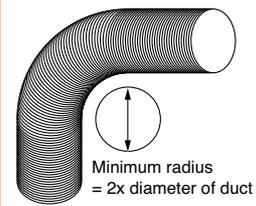
90° Horizontal Elbow



Part Number - 90000248
54 x 117 mm Horizontal elbow
(oval-oval)

AirflexPro Round

Figure 1. 90° bend



AirflexPro Oval

Figure 2.
90° Lateral bend

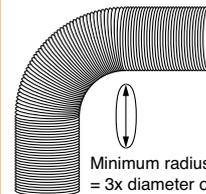
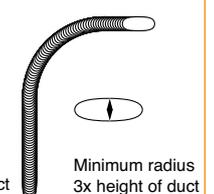
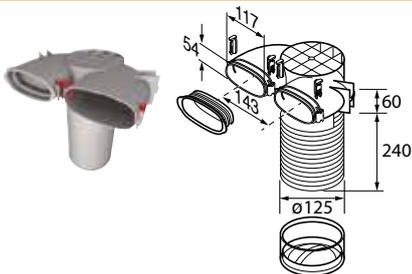


Figure 3.
90° Horizontal bend



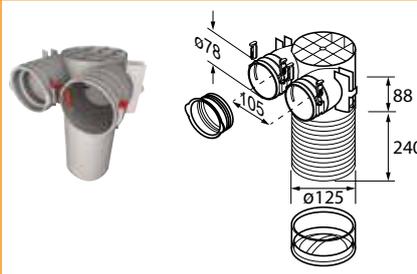
AirflexPro Round and Oval semi rigid ducting performance data is recognised by the U.K Government as an input for the Standard Assessment Procedure (SAP Eligible) calculation. Fig 1-2 and 3 show how in this configuration without joints AirflexPro round and oval semi rigid ducting achieves the mechanical properties requirements set out in SAP Eligible specifications.

Ceiling or Wall Plenum Oval



Part Number - 90000249
54 x 117 mm 90°
Ceiling / Wall Plenum

Ceiling or Wall Plenum Round



Part Number - 90000250
75 mm 90°
Ceiling / Wall Plenum

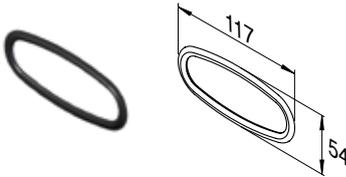
- Connects AirflexPro Round or Oval through the ceiling to the extract / supply valve. Can be cut down for varying height of void.

Accessories

AirflexPro Accessories

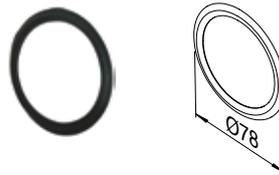
- This range of AirflexPro accessories enable connection to the ventilating unit and also transformation from AirflexPro Round to Oval Duct to suit all ventilation applications.

Sealing Rings Oval



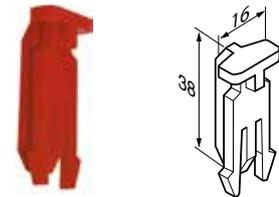
Part Number - 90000254
54 x 117 mm dia.
AirflexPro Oval Sealing Ring
(pack of 10)

Sealing Rings Round



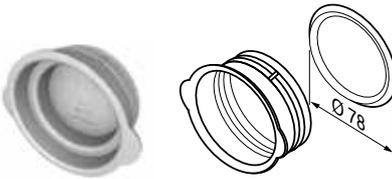
Part Number - 9041133
75 mm dia.
AirflexPro Round Sealing Ring
(pack of 10)

Spare Holding Clips



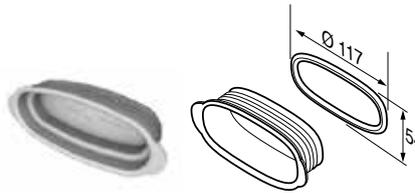
Part Number - 90000261
(pack of 10)

Sealing Cap Round



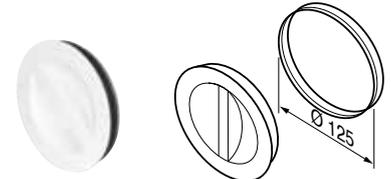
Part Number - 90000256
78 mm Sealing Cap for
AirflexPro Round
Ceiling / Wall Plenum

Sealing Cap Oval



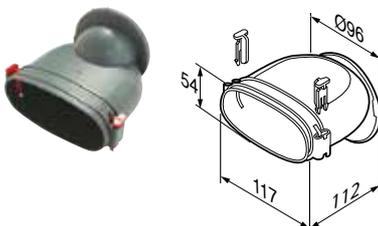
Part Number - 90000257
54 x 117 mm Sealing Cap for
AirflexPro Oval
Ceiling / Wall Plenum

Sealing Cap for Distribution Box



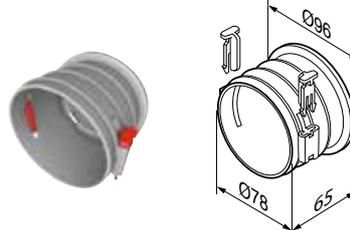
Part Number - 90000267
125 mm Inlet Seal for
Distribution Boxes

Oval Spigot Connection



Part Number - 90000259
Oval Spigots for
Distribution Boxes

Round Spigot Connection



Part Number - 90000260
Round Spigots for
Distribution Boxes

Bayonet Cap - Distribution Box



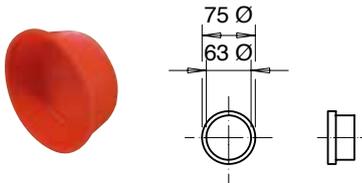
Part Number - 90000258
96 mm Sealing Cap for
Spigot Holes in Distribution Boxes



Accessories

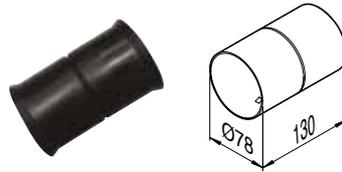
AirflexPro Accessories

Hygienic Caps



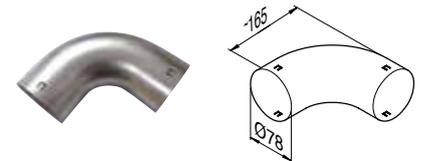
Part Number - 9041131
Hygienic cap for AirflexPro round
(pack of 10)

Straight Connection



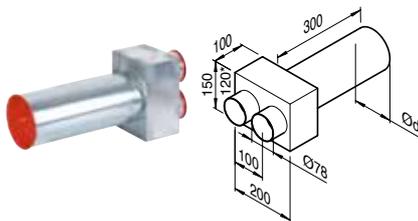
Part Number - 9041132
Connects AirflexPro
round to AirflexPro round

90° Compact Elbow



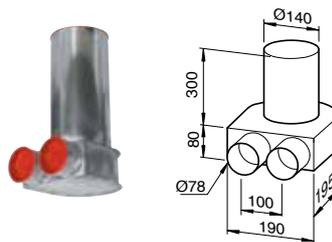
Part Number - 9041139
75 mm dia allows very small bend
radius of duct

Straight Ceiling Outlet



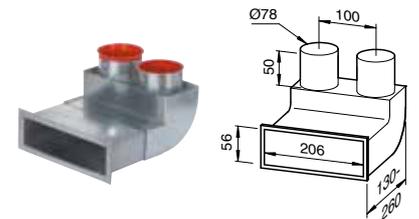
Part Number - 9041141
2 spigots for 75 mm piping and one
spigot (125mm) for extract or supply
valve

90° Floor Outlet



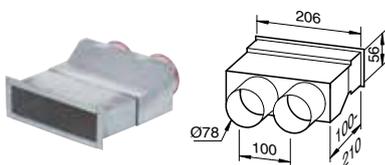
Part Number - 9041142
2 spigots for 75 mm piping and
one spigot (140mm) for floor grille
(9041174)

90° Wall Outlet



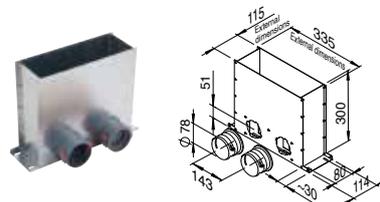
Part Number - 9041144
2 spigots for 75 mm
piping and 200 mm x 50 mm opening
for wall grille (9041175)

Straight Wall Outlet



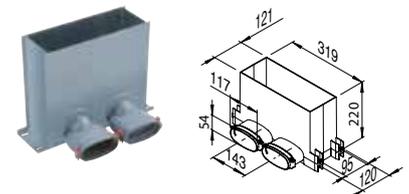
Part Number - 9041143
2 spigots for 75 mm
piping and 200 mm x 50 mm opening
for wall grille (9041175)

90° Floor Outlet – Round



Part Number - 90000441
2 Spigots for 75 mm piping suitable
for stainless steel floor grille
90000440

90° Wall/Floor/Ceiling Outlet-Oval



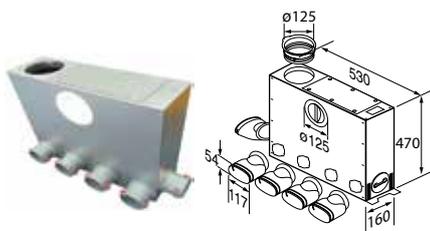
Part Number - 90000525
2 Spigots for 54 x 114 mm Oval
piping suitable for grilles 90000440 /
90000526 / 90000527 / 90000528
90000529 / 90000530 & 90000531

Accessories

AirflexPro Distribution Boxes

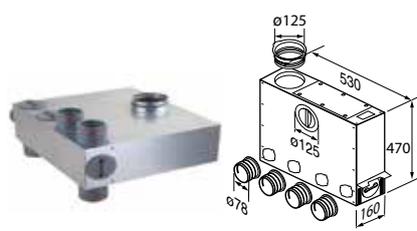
- Provides primary distribution point for AirflexPro Round and Oval Ducting from the Heat Recovery / or Ventilation unit from 5 to 15 ports with various dimensions and discharge positions.

5-Port Distribution Box (oval)



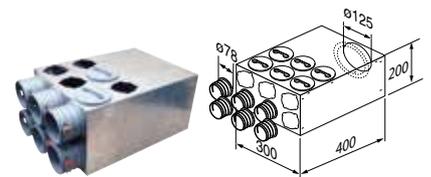
Part Number - 90000262

5-Port Distribution Box (round)



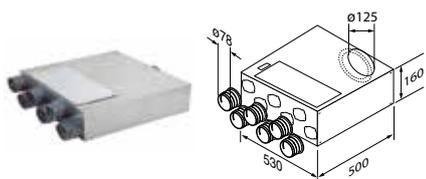
Part Number - 90000263

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



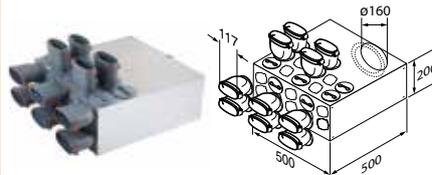
Part Number - 90000265

6-Port In-Line Distribution Box (round)



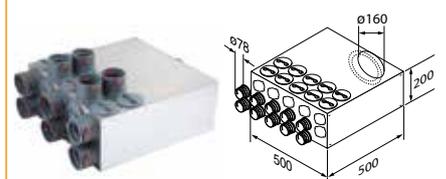
Part Number - 90000264

10-Port Distribution Box (oval)



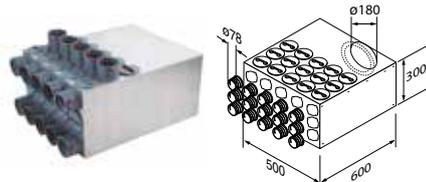
Part Number - 90000270

10-Port Distribution Box (round)



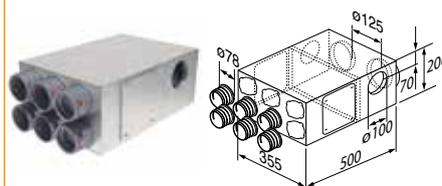
Part Number - 90000266

15-Port Distribution Box (round)



Part Number - 90000269

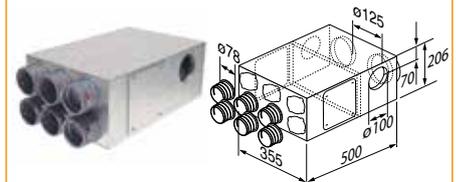
Combi Distribution Box (L/H)



Part Number - 90000443

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

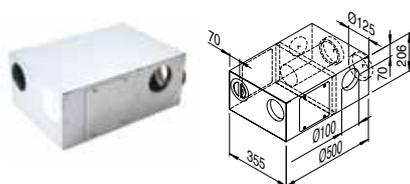
Combi Distribution Box (R/H)



Part Number - 90000444

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

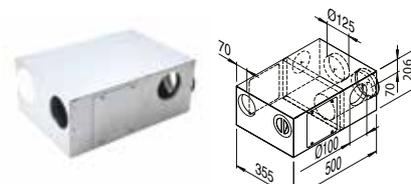
Combination Distribution Box Supply Air Right



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)



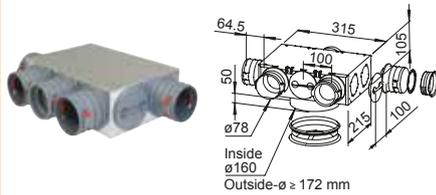
All distribution boxes supplied with mounting brackets. Supplied loose for ease of onsite installation



Typical Installations

AirflexPro Distribution Boxes

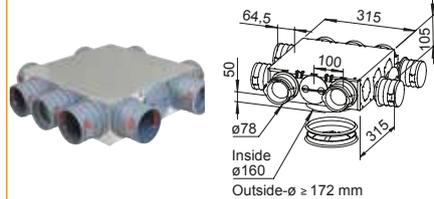
5-Port Ceiling Intergrated Distribution Box (round)



Part Number - 90002038

Designed for integration in concrete ceilings. Ideal for installation in multi-storey residential dwellings, units, and apartment blocks.

9-Port Ceiling Intergrated Distribution Box (round)



Part Number - 90002039

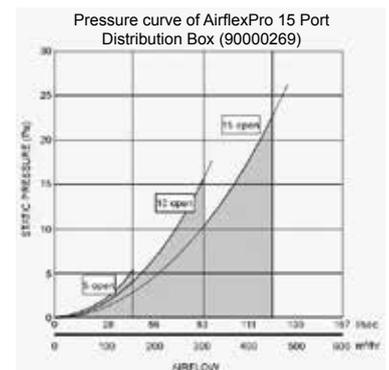
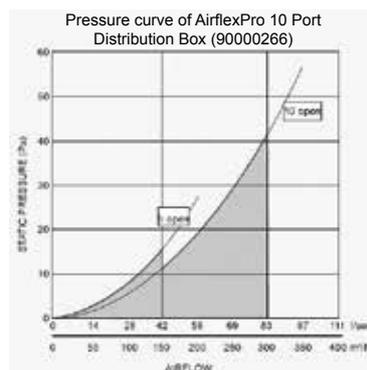
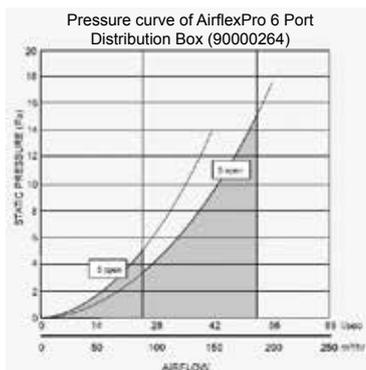
Designed for integration in concrete ceilings. Ideal for installation in multi-storey residential dwellings, units, and apartment blocks.

Distribution Box Sound Attenuators

Distribution Box Part Number		9000266				9000264			9000263			9000269		
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

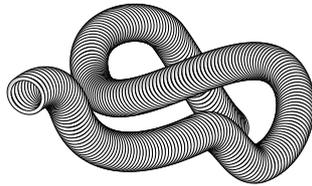
Typical Distribution Box System Pressures



Accessories

AIRFLEX DUCTING

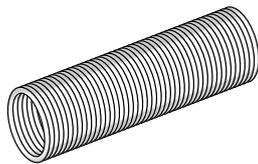
Airflex Flexible Round PVC Hose



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.

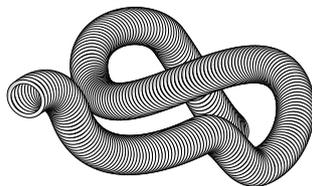
Airflex Combi Flexible Ducting



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		

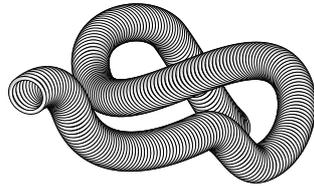
- Aluminium re-enforced ducting for general connection applications, with a good degree of outer protection. Highly versatile, non degrading, fire resistant tested to BS 476. Re-enforced with a tough wire spiral to maintain bore and reduce collapse. To overcome awkward situations where rigid duct cannot 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.



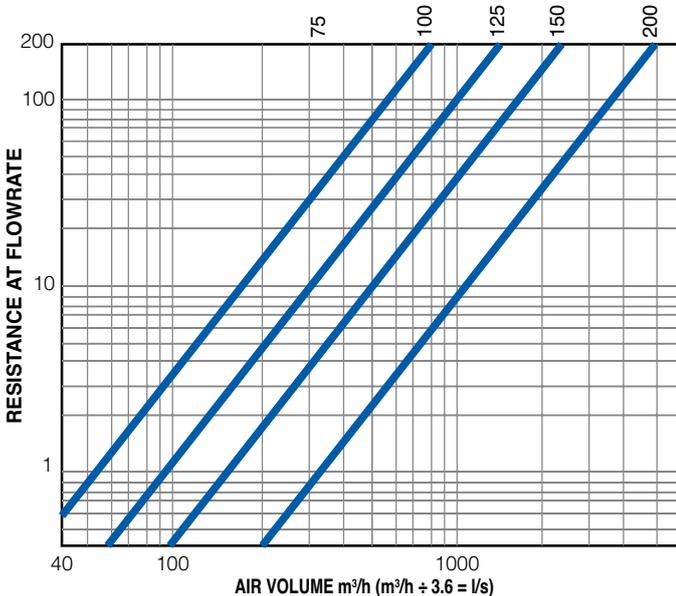
Accessories

Airflex Re-enforced Aluminium Insulated Flexible Ducting



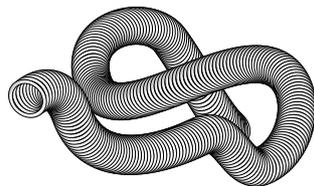
Part No.	Dimensions	Part No.	Dimensions
52662701	ø102 mm x 10 m	90000503	ø160 mm x 10 m
52662702	ø127 mm x 10 m	90000504	ø180 mm x 10 m
52662703	ø152mm x 10 m		

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.

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

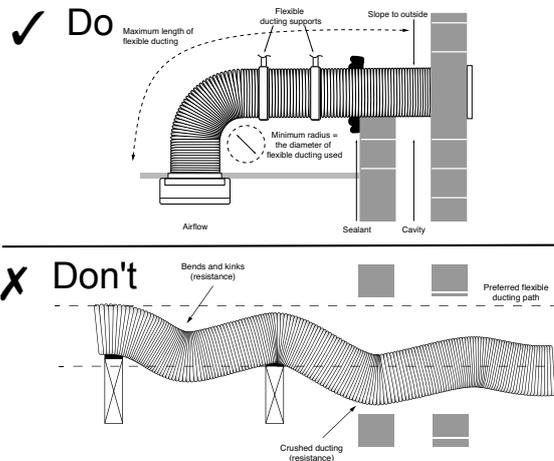
- Insulated and re-enforced aluminium ducting for general connection applications, where thermal conductivity and resistance are important. (outside the insulated envelope of a house for example). Duct can be used to connect fans in kitchens, bathrooms, toilets etc and also Mechanical Extract Ventilation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

BEST PRACTICE INSTALLATION



- 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.

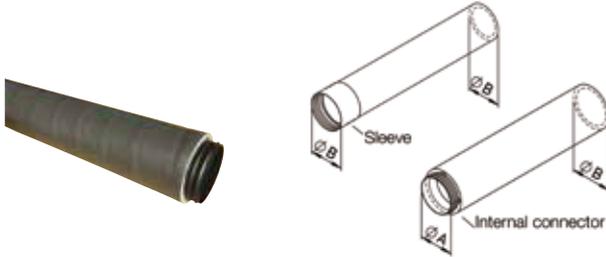
Inner duct and outer sheath comply with EN 13501-1 Fire classification of construction products and building elements.

*With attenuator fully extended.

Accessories

AIRFLEX ISO - INSULATED RIGID DUCTING

Airflex ISO Pipe

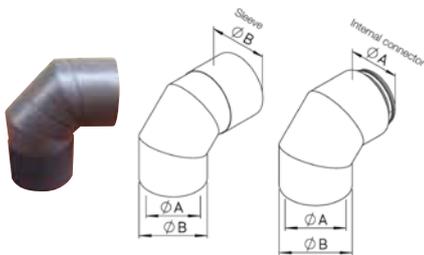


Part Number - 9041147	ø125 mm x 2000 mm
Part Number - 90000505	ø160 mm x 950 mm
Part Number - 90000465	ø160 mm x 2000 mm
Part Number - 9041250	ø180 mm x 1000 mm
Part Number - 90000475	ø180 mm x 2000 mm

- 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.

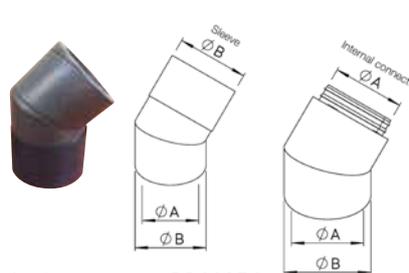
AIRFLEX ISO BENDS AND CONNECTORS

Sealing Cap Round



Part Number - 9041152	ø125 mm 90° ISO bend with collar
Part Number - 90000467	ø160 mm 90° ISO bend with male/male connector
Part Number - 90000477	ø180 mm 90° ISO bend with male/male connector

Sealing Cap Oval



Part Number - 9041154	ø125 mm 45° ISO bend with collar
Part Number - 90000466	ø160 mm 45° ISO bend with male/male connector
Part Number - 90000476	ø180 mm 45° ISO bend with male/male connector

Sealing Cap for Distribution Box



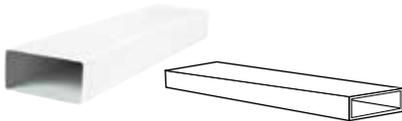
Part Number - 9041149	ø125 mm ISO pipe female /female Connector (plastic)
Part Number - 90000468	ø160 mm ISO pipe male / male Connector (plastic)
Part Number - 90000478	ø180 mm ISO pipe male / male connector (plastic)

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

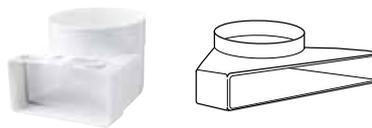
Part Number - 52641202

04 mm x 60 mm x 1.5 m

Resistance (Pa) at flow rate

Part No.	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 \emptyset

Part Number - 9041200

204 mm x 60 mm x 125 mm \emptyset

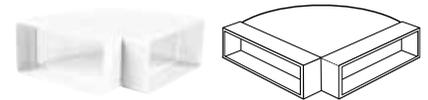
Part Number - 52641302

204 mm x 60 mm x 150 mm \emptyset

Resistance (Pa) at flow rate

Part No.	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



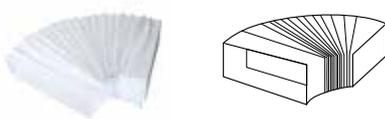
Part Number - 52641401

204mm x 60mm - 90°

Resistance (Pa) at flow rate

Part No.	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

Resistance (Pa) at flow rate

Part No.	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



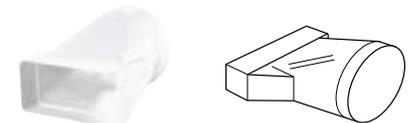
Part Number - 52641601

204 mm x 60 mm - 90°

Resistance (Pa) at flow rate

Part No.	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)



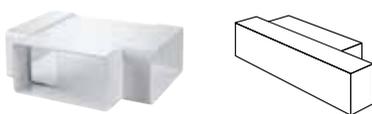
Part Number - 51980001

204 mm x 60 mm x 125 mm \emptyset

Resistance (Pa) at flow rate

Part No.	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



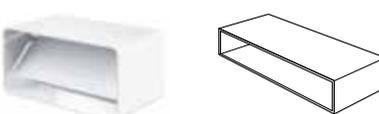
Part Number - 52641801

204 mm x 60 mm

Resistance (Pa) at flow rate

Part No.	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

Resistance (Pa) at flow rate

Part No.	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



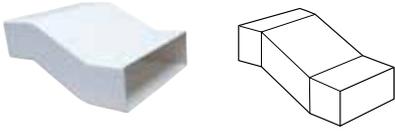
Part Number - 52641901

204 mm x 60 mm

For sealant for duct see page 31

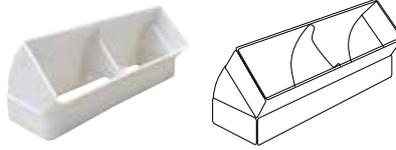
Accessories

Crossover Duct Connector



Part Number - 90000482
204 mm x 60 mm

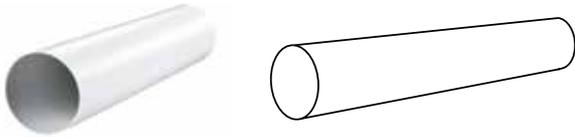
Vertical Bend 45°



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.

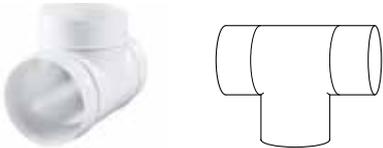
Y Piece



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

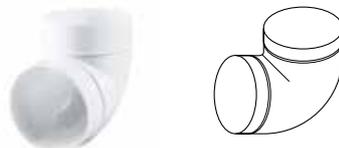


Part Number - 9041461
100 x 100 x 100 mm ø M

Part Number - 9041201
125 x 125 x 125 mm ø M

Part Number - 9041545
150 x 150 x 150 mm ø M

90° Round Elbow

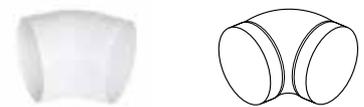


Part Number - 90000054
ø100 mm M

Part Number - 9041542
ø125 mm M

Part Number - 90000055
ø150 mm M

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
9041461	vary on installation				
9041201	vary on installation				
9041545	vary on installation				

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

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

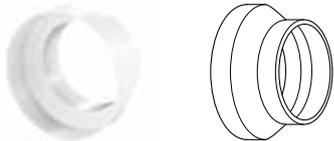


Accessories

DUCT REDUCERS

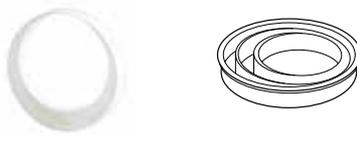
- Plastic rigid ducting connections enables design of complex duct systems or for use as components in larger systems

Straight Reducer



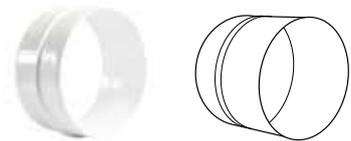
Part Number - 51979601
 ø125 mm to 100 mm M
Part Number - 90000060
 ø150 mm to 125 mm M
Part Number - 90000061
 ø200 mm to 150 mm M

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

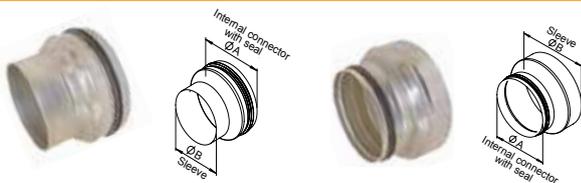


Part Number - 90000019
 ø100 mm M
Part Number - 52644001
 ø125 mm M
Part Number - 90000058
 ø150 mm M
Part Number - 90000059
 ø200 mm M

M = Male connection

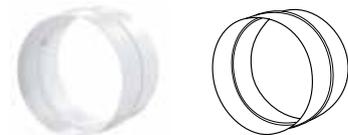
AIRFLEX ISO CONNECTIONS

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

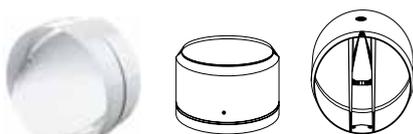


Part Number - 9041191
 ø125 mm male / male coupling with seals
Part Number - 90000469
 ø160 mm male / male coupling with seals
Part Number - 9041232
 ø200 mm male / male coupling with seals

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

THERMOSLEEVE INSULATION JACKET

- The Airflow Thermosleeve Insulation Jacket is a thermally insulated outer jacket designed to be wrapped around ductwork that is located outside of the thermal envelope of a building. The jacket consists of an aluminium laminate outer jacket and a glass wool insulation layer which prevents condensation build-up and minimises heat loss in ductwork.
- The Thermosleeve range is offered in two thicknesses of glass wool insulation - 25 mm (THERMOSLEEVE 25) and 50 mm (THERMOSLEEVE 50) and has a thermal conductivity of 0.037 W/m.K, which complies with SAP 10.2 standards. This makes it an ideal energy efficient solution for domestic and commercial applications.
- Designed with installers in mind, there is a protective polyester film Barrier that simplifies the mounting, saving both time and preventing unnecessary contact with the glass wool layer. The protective Barrier can be fixed to the ductwork with tape on one end and pulled from the other end of the duct through the Thermosleeve insulation jacket, while a second installer guides and holds it in place.
- Products are shipped as rolls of 10 M as standard and can be cut to length as required.

Thermosleeve 25

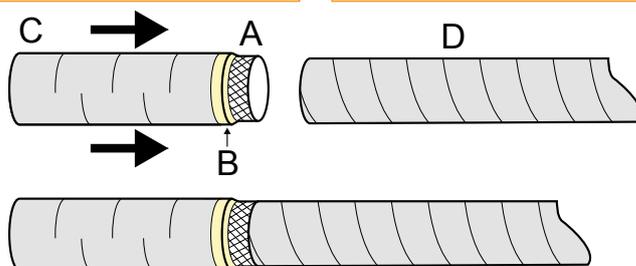
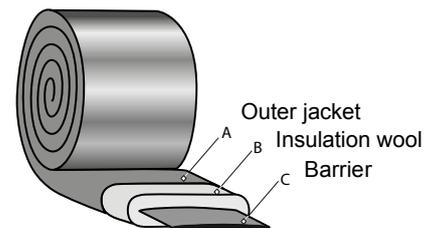


Part No.	Dimensions
90002045	82 mm x 10 m
90002046	102 mm x 10 m
90002047	127 mm x 10 m
90002048	152 mm x 10 m
90002049	160 mm x 10 m
90002050	180 mm x 10 m
90002051	203 mm x 10 m
90002052	254 mm x 10 m

Thermosleeve 50



Part No.	Dimensions
90002053	82 mm x 10 m
90002054	102 mm x 10 m
90002055	127 mm x 10 m
90002056	152 mm x 10 m
90002057	160 mm x 10 m
90002058	180 mm x 10 m
90002059	203 mm x 10 m
90002060	254 mm x 10 m



A = Polyester Barrier C = Outer Jacket
B = Glass Wool D = Ductwork

Accessories

THERMOSLEEVE INSULATION JACKET

TECHNICAL DATA

Temperature Range	-30°C to 140°C
Operating Pressure	up to +2000 Pa
Barrier Material	Polyester film
Glass Wool Blanket	25mm, 16kg/m ³
Outer Jacket Material	Alu/Poly laminate
R-Value Glass Wool (Thermosleeve 25 / 50)	0.037W/m.K
Classifications	EU (EN 13501-1): Bs1,d0 FR (NF) M1 BS476 Part 6+7 Class 0

DUCT COMPATIBILITY

Part No.	Size	Insulation Thickness (mm)	Duct Compatibility (Ø)
90002045	ø82 mm x 10 M	25 mm	75 mm
90002046	ø102 mm x 10 M	25 mm	100 mm
90002047	ø127 mm x 10 M	25 mm	125 mm
90002048	ø152 mm x 10 M	25 mm	150 mm
90002049	ø160 mm x 10 M	25 mm	160 mm
90002050	ø180 mm x 10 M	25 mm	180 mm
90002051	ø203 mm x 10 M	25 mm	200 mm
90002052	ø254 mm x 10 M	25 mm	250 mm
90002053	ø82 mm x 10 M	50 mm	75 mm
90002054	ø102 mm x 10 M	50 mm	100 mm
90002055	ø127 mm x 10 M	50 mm	125 mm
90002056	ø152 mm x 10 M	50 mm	150 mm
90002057	ø160 mm x 10 M	50 mm	160 mm
90002058	ø180 mm x 10 M	50 mm	180 mm
90002059	ø203 mm x 10 M	50 mm	200 mm
90002060	ø254 mm x 10 M	50 mm	250 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.

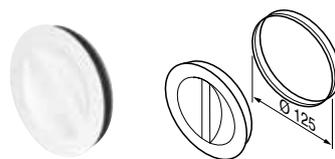
Retro ducting is lightweight, versatile and easy to fit making it the perfect choice for a discreet coving ducting application. This system can be used for System 4 (Mechanical Ventilation with Heat Recovery) in a supply and extract function and also System 3 (Mechanical Extract Ventilation) as an extract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

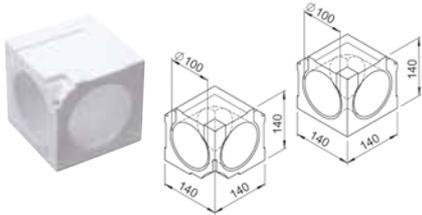


Part Number - 90000446
100 / 100 / 100 mm dia (box of 4)



Accessories

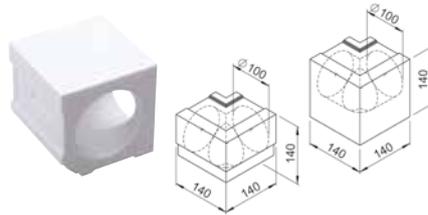
Inner Angle with Square Profile



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)

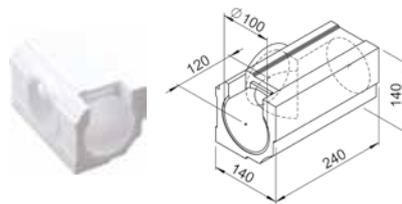
Long Connector Set



Part Number - 90000278

100 mm (with clamp)

T-Piece with Stucco Profile



Part Number - 90000279

100 / 100 / 100 mm dia (box of 4)

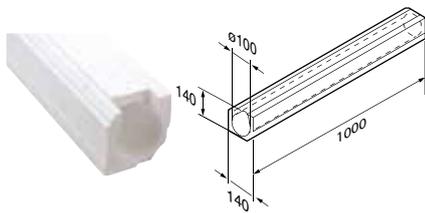
Short Connector



Part Number - 90000280

100 mm dia

Duct with Stucco Profile



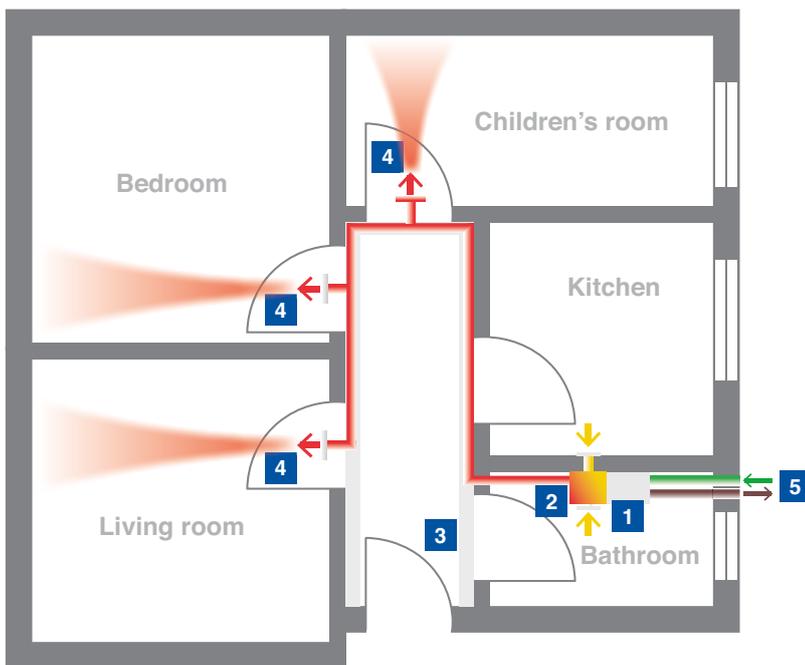
Part Number - 90000277

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

How to Fit Retro Ducting



Step 1



Step 2

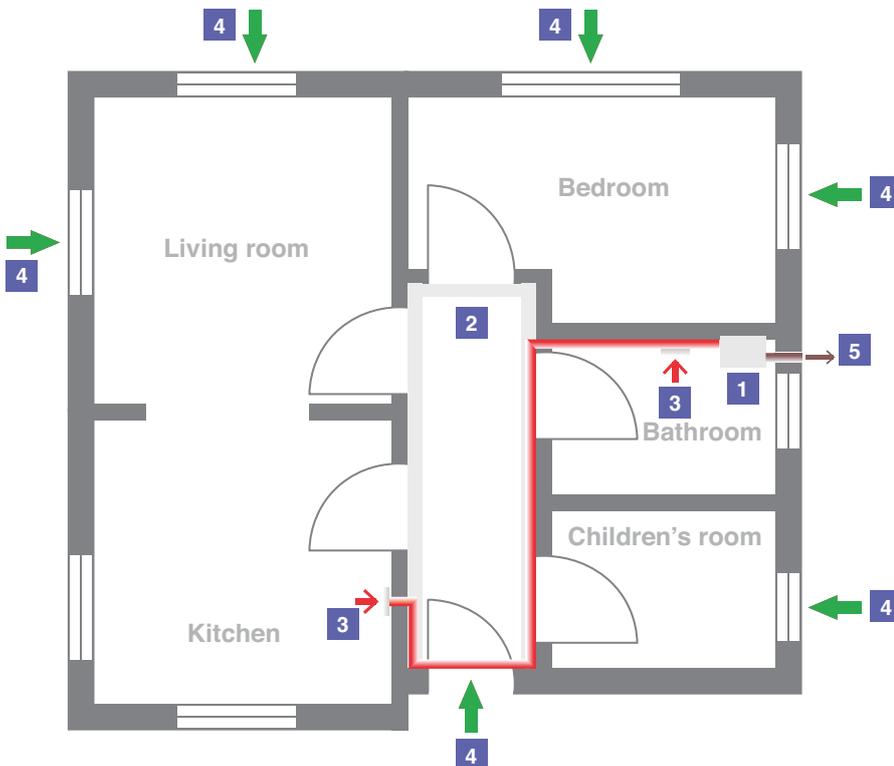


Step 3

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



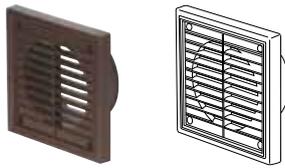
Step 3

Accessories

SQUARE EXTERNAL GRILLES

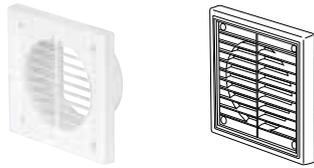
- Plastic external grilles in a spread of colours and sizes. Various colours and various sizes. F/S denotes it comes with a flyscreen.
- These grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

Brown



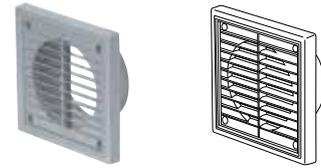
Part No.	
52641104	140 x 140 x ø100 mm
9021012	140 x 140 x ø100 mm - F/S
9041222	160 x 160 x ø125 mm
52641109	180 x 180 x ø150 mm

White



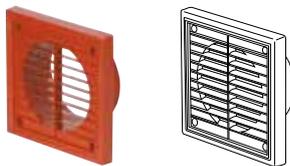
Part No.	
52641101	140 x 140 x ø100 mm
9021172	140 x 140 x ø100 mm - F/S
9041221	160 x 160 x ø125 mm
52641106	180 x 180 x ø150 mm

Grey



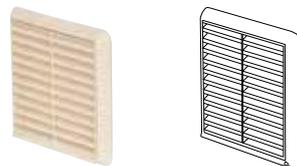
Part No.	
52641102	140 x 140 x ø100 mm
52641107	180 x 180 x ø150 mm

Terracotta



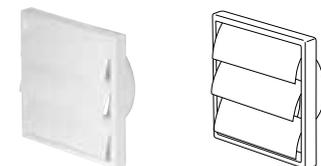
Part No.	
52641103	140 x 140 x ø100 mm
9021082	140 x 140 x ø100 mm - F/S
9041223	160 x 160 x ø125 mm
52641108	180 x 180 x ø150 mm

Beige



Part No.	
52641105	140 x 140 x ø100 mm
52641110	180 x 180 x ø150 mm

Gravity Flap - White

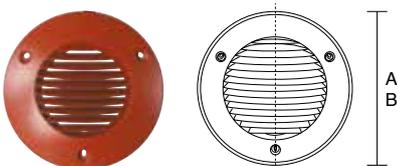


Part No.	
51791101	140 x 140 x ø100 mm
9041468	160 x 160 x ø125 mm
71984001	180 x 180 x ø150 mm

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



Part No.	
72596201	ø100 mm A = ø180 mm
72593101	ø150 mm B = ø240 mm

White



Part No.	
72596202	ø100 mm A = ø180 mm
72593102	ø150 mm B = ø240 mm

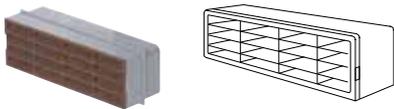


Accessories

AIRBRICKS

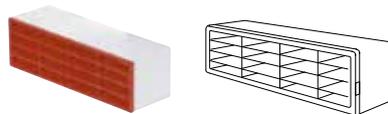
- Airbricks fit in neatly in a standard brick size for discreet supply or extract applications where a standard grill may not be suitable.
- These Airbrick grilles comply with the requirements of the Domestic Ventilation Compliance guide 2010 that states terminal opening is a minimum of 90% of the free area of the ducting being used.

Brown



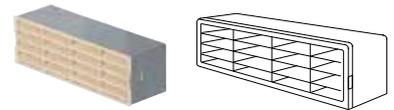
Part No.
51849605 204 mm x 60 mm

Terracotta



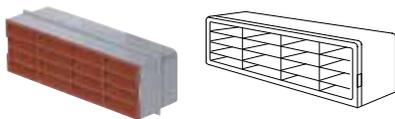
Part No.
52642010 204 mm x 60 mm

Beige



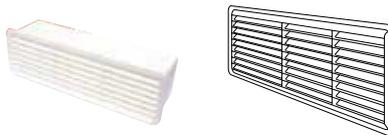
Part No.
52642002 204 mm x 60 mm

With Internal Damper - White



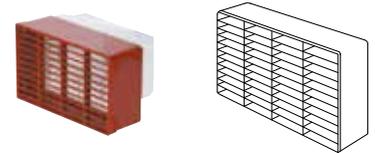
Part No.
51978701 204 mm x 60 mm

With Internal Damper - Terracotta



Part No.
51978702 204 mm x 60 mm

Double Airbrick - C/W Adaptor



Part No.
9000077 204 mm x 120 mm Terracotta
9000076 204 mm x 120 mm White
9000132 204 mm x 120 mm Stone

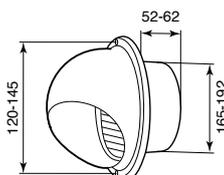
Fits 204 x 60 Duct

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

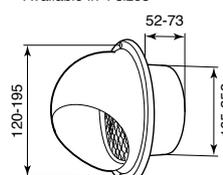
Available in 2 sizes



Part No.
52644501 ø100 mm
9041226 ø125 mm
52644601 ø150 mm

Beige

Available in 4 sizes



Part No.
52644701 ø100 mm
9041228 ø125 mm
52644801 ø150 mm
90000506 ø160 mm
9041229 ø180 mm

Gravity Flap - White

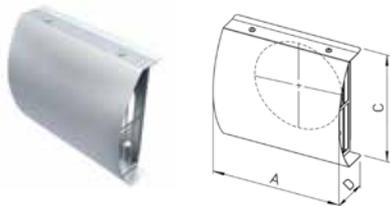


Part No.
9041230 ø125 mm
9041231 ø150 mm

Accessories

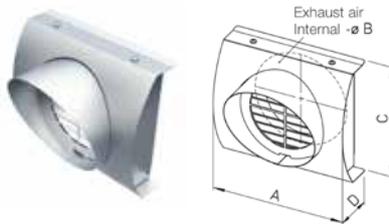
STAINLESS STEEL EXTERNAL GRILLES

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

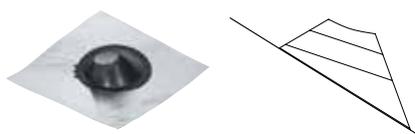
ROOF COWLS & TRAPS

Grey Roof Cowl



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

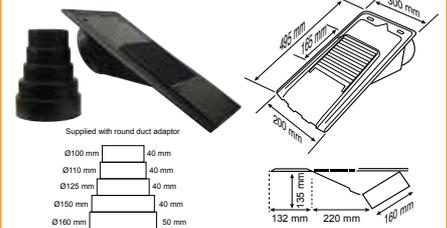
Roof Slate



Suitable for 100mm and 125mm rigid round duct

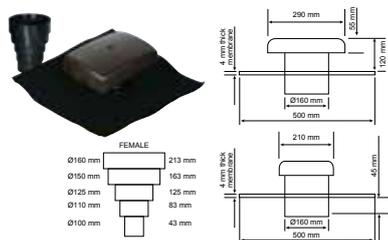
- Part No.**
9004597 450 mm Pitched roof
9004598 600 mm Pitched roof

Airslate & Adaptor



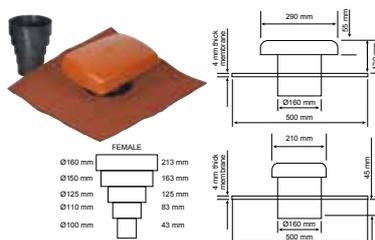
- Part No.**
90000453 \varnothing 100/110/125/150/160 - Slate

Universal Roof Terminal & Adaptor



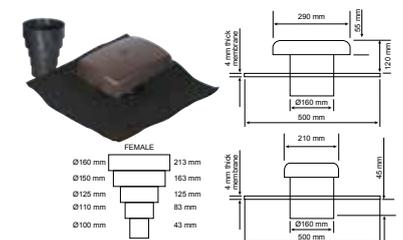
- Part No.**
90000349 \varnothing 100 mm / 110 / 125 / 150 / 160 mm - Anthracite

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

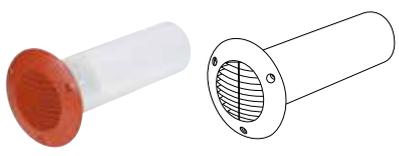
For sealant for duct see page 31



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
 ø100 mm x 350 mm Rigid duct

Part Number - 72643203
 ø150 mm x 350 mm Rigid duct

Cavity Wall Kit - White



Part Number - 72643202
 ø100 mm x 350 mm Rigid duct

Part Number - 72643204
 ø150 mm x 350 mm Rigid duct

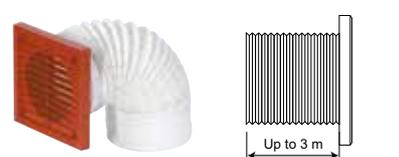
High Rise Cavity Wall Kit - Cowl / Rubber Seal



Part Number - 9021451
 ø100 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
 ø100 mm 3 m Ducting

Part Number - 90000437
 ø125 mm 3 m Ducting

Part Number - 72643603
 ø150 mm 3 m Ducting

Flexible Wall Kit - White



Part Number - 72643602
 ø100 mm 3 m Ducting

Part Number - 90000438
 ø125 mm 3 m Ducting

Part Number - 72643604
 ø150 mm 3 m Ducting

In-Line Flexible Ducting Kit



Part Number - 9041183
 ø100 mm x 6 m

Part Number - 9041184
 ø125 mm x 6 m

Part Number - 9041185
 ø150 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
 ø100 mm x 350 mm Rigid Duct

Part Number - 900001016
 ø125 mm x 350 mm Rigid Duct

Part Number - 900001017
 ø150 mm x 350 mm Rigid Duct

Rigid Wall Kit - White



Part Number - 900001018
 ø100 mm x 350 mm Rigid Duct

Part Number - 900001019
 ø125 mm x 350 mm Rigid Duct

Part Number - 900001020
 ø150 mm x 350 mm Rigid Duct

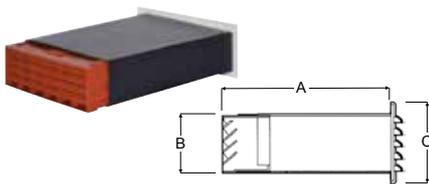
Accessories

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.

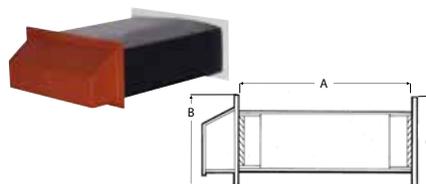
215 x 72mm Wallvent Kit



Part Numbers –

- 90001525**
215x72mm Wallvent Kit - Terracotta
- 90001526**
215x72mm Wallvent Kit - Brown
- 90001527**
215x72mm Wallvent Kit - Black
- 90001528**
215x72mm Wallvent Kit - Buff

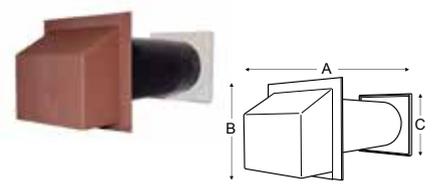
230 x 90mm Wallvent Kit



Part Numbers –

- 90001738**
230x90mm Wallvent Kit - Terracotta
- 90001739**
230x90mm Wallvent Kit - Brown
- 90001740**
230x90mm Wallvent Kit - White

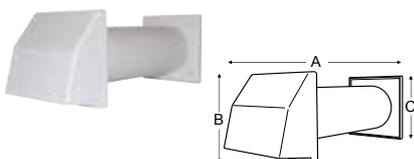
125mm Wallvent Kit



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

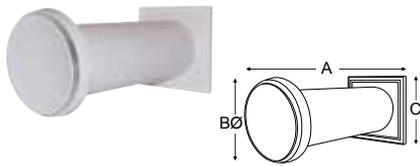


Accessories

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 complements existing 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 $+20^{\circ}\text{C}$. 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.

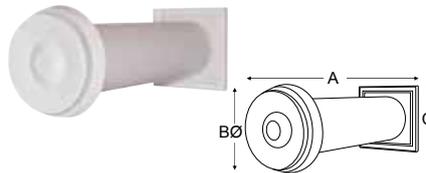
Wallvent 125 Basic Valve Kit



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

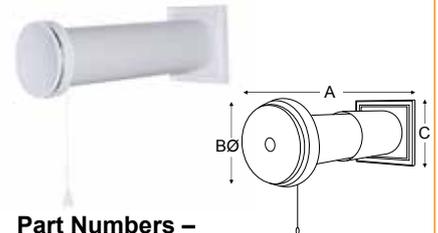
Wallvent 100 Thermo Valve Kit



Part Numbers –

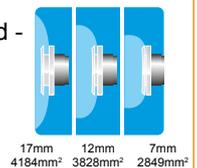
- 90001747**
Wallvent 100 Thermo Valve Kit - White
- 90001781**
Wallvent 100 Thermo Valve Kit - Brown
- 90001782**
Wallvent 100 Thermo Valve Kit - Terracotta

Wallvent 100 Pullcord



Part Numbers –

- 90001908**
Wallvent 100 Pullcord - White
- 90001909**
Wallvent 100 Pullcord - Brown
- 90001910**
Wallvent 100 Pullcord - Terracotta



TECHNICAL DATA

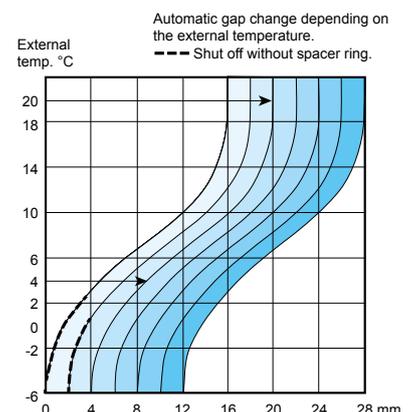
Equivalent Free Area (mm²)*

Opening (mm)	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

at *1Pa

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
90000115 125 mm x 600 mm
9541176 125 mm x 900 mm
9541177 125 mm x 1250 mm

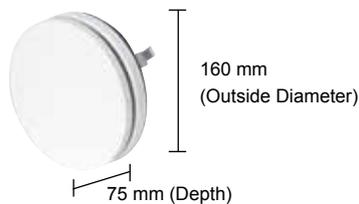
AIR VALVES EXTRACT (E) & SUPPLY (S)

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

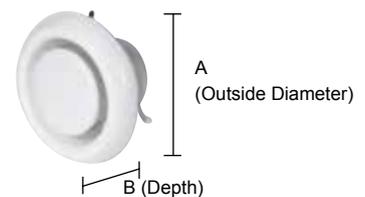
Metal Adjustable Air Valve (S)



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



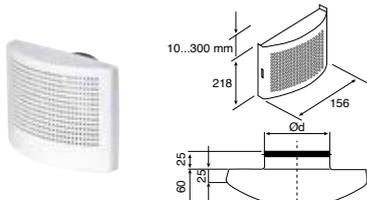
Part Number - 90000126
ø125 mm

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

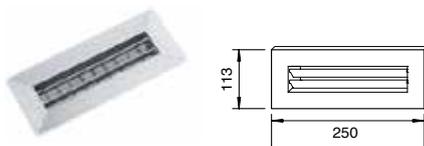


Part Number - 9041173

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

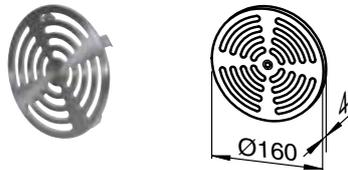


Part Number - 9041175

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

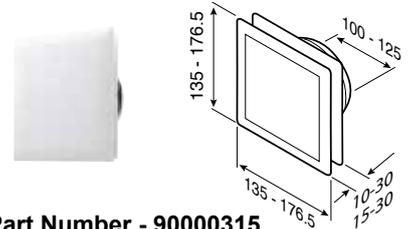
Floor Grille - Satin S/steel



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

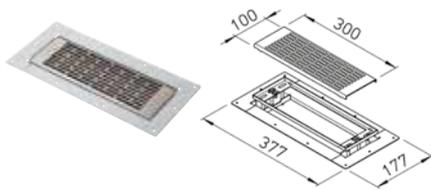
Part Number - 90000317

100 mm filter

Accessories

SPECIALITY AIR VALVES

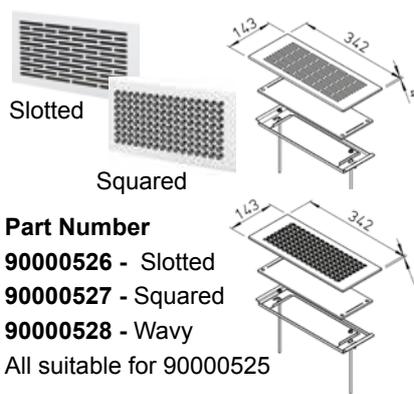
Brushed Stainless Steel Floor Grille



Part Number - 90000440

300 x 100 mm Suitable for outlets 90000441 and 90000525

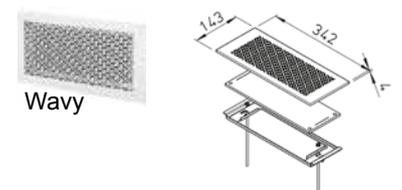
White Powder Coated Grilles



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

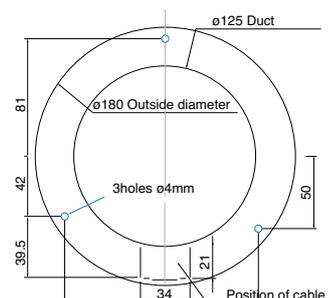
- Airese air valves are designed to provide a complete demand controlled ventilation solution. The valves automatically respond to conditions within specific rooms such as kitchens and bathrooms and then operate accordingly to meet the ventilation required for that type of room.
- Models include constant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

Rectangular



Part Number

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

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 an 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

Grey Acrylic Duct Sealant



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

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

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

QTI50VS

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				DUPLEXVENT				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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