

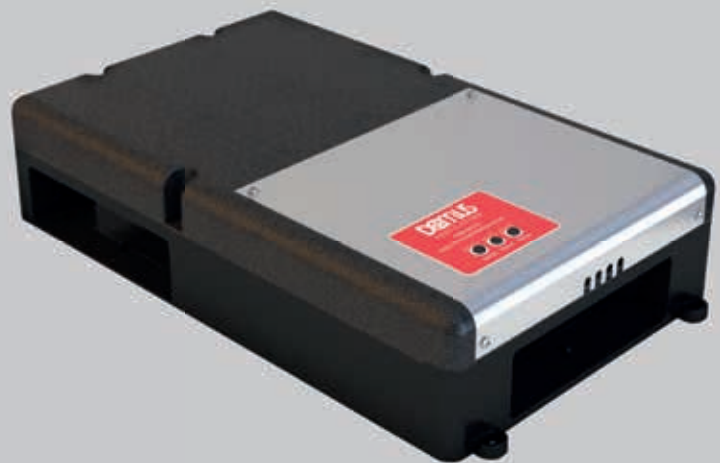
VENTILATION GUIDE 2019

Mechanical Ventilation with Heat Recovery

Mechanical Extract Ventilation

Intermittent Extract Fans

Rigid and Semi-Rigid Duct Systems



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Mechanical Ventilation with Heat Recovery (MVHR) 06-17

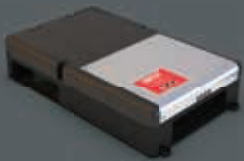


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Discount %

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Discount %

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Discount %

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Axial Fans

For short duct runs terminating to an external grille. Wall/window mounted options.

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Discount %

In-Line Fans

For short duct runs and shower applications. Loft mounted.

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For long duct runs and shower applications. Loft and ceiling void mounted.

Discount %

Centrifugal Fans

For long duct runs. Wall/window mounted options.

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Discount %

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Discount %

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Rectangular

- 110x54mm
- 204x60mm
- 220x90mm

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Round

- Ø100mm
- Ø125mm
- Ø150mm

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Discount
 %

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Discount
 %

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Your carriage paid level is:

All prices quoted exclude VAT and do not include trade discounts.

Stockist:

Contact name:

Contact tel:

Date of terms quoted:

Section 1 | The market leading ventilation brand

As a leading designer and manufacturer of energy saving ventilation systems, our exclusive Domus duct products and mechanical extract appliances offer a high quality solution for domestic applications.

- Easy to install products that save time and money on site
- High quality trusted brand
- Superior support services with nationwide stockists

Suitable for all residential applications



Apartments



Homes



Hotels



Student Accommodation



Care Homes

How to use this catalogue:

- 1 Choose a suitable ventilation system

System 1 - Intermittent

System 3 - dMEV

System 3 - MEV

System 4 - MVHR



- 2 Select a unit from that system

System 1



System 3



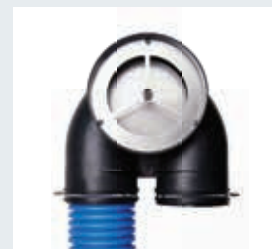
System 3



System 4



- 3 Following that, select a suitable ducting system, either rigid or semi-rigid radial duct





Dedicated to providing efficient, quick and reliable delivery.



Customer Services

We believe at Domus Ventilation we have some of the best people within the industry working together to support all our customers. We pride ourselves on the excellent quality of service our team provides and operate in a culture of continual improvement.



Stockists

At Domus Ventilation we have two significant manufacturing facilities, that help guarantee quick availability through a loyal nationwide network of Merchant and Electrical Wholesaler stockists. To find your nearest stockists or if you are interested in becoming one, please call 03443 715523.



Technical Support

Understanding your ventilation requirements is integral to ensuring that we tailor our solutions to meet your needs.

Our experienced team is therefore available to help you with your project or sales enquiry and provide services ranging from:

- FREE bespoke technical drawing
- Speedy quotations
- Installer training accredited by BPEC
- Access to a FREE of charge BIM library



Delivery

To promptly service our national network of stockists, we offer a dedicated and managed logistics fleet, who are dedicated to providing efficient, quick and reliable delivery.

Section 2 | Mechanical Ventilation with Heat Recovery (MVHR)

Helps to create a healthy and clean indoor air environment whilst reducing household energy consumption.

Inadequate ventilation coupled with airborne pollutants can lead to poor indoor air quality and as a consequence may have a detrimental effect on an occupant's health and comfort.

Incorporating a highly efficient Mechanical Ventilation with Heat Recovery (MVHR) system is an effective way of avoiding this and helps to maintain a healthy living indoor environment.

How it works

Also referred to as System 4 in Approved Document F of the Building Regulations, MVHR efficiently combines supply and extract ventilation into one centralised system.

As its primary function, waste, polluted and moist air is extracted from a dwelling's wet rooms via a duct system and is passed through a heat exchanger before being exhausted outside. Fresh incoming air is filtered and as an added benefit, pre-warmed via the heat exchanger and evenly distributed to the habitable rooms, thus reducing household energy consumption and the demand on existing heating systems.

The technology is most effective when installed in an air-tight dwelling as the effect is not compromised by external leakage.



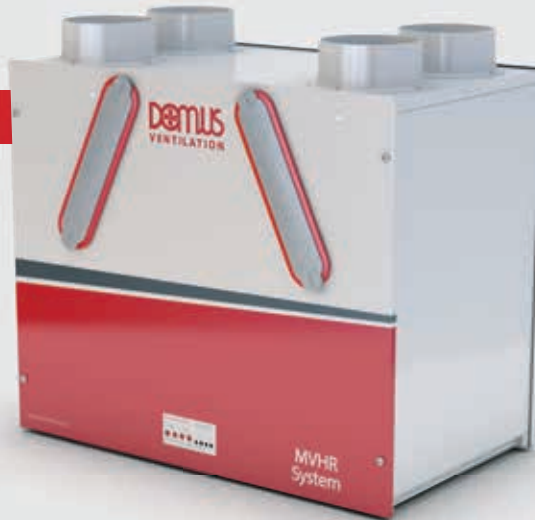
SAP ratings

As a benefit to developers, specifiers and house builders alike, the incorporation of a highly efficient heat exchanger will also help lower Dwelling Emission Rates (DER) and therefore provide higher SAP ratings.



Benefits of Domus MVHR Systems

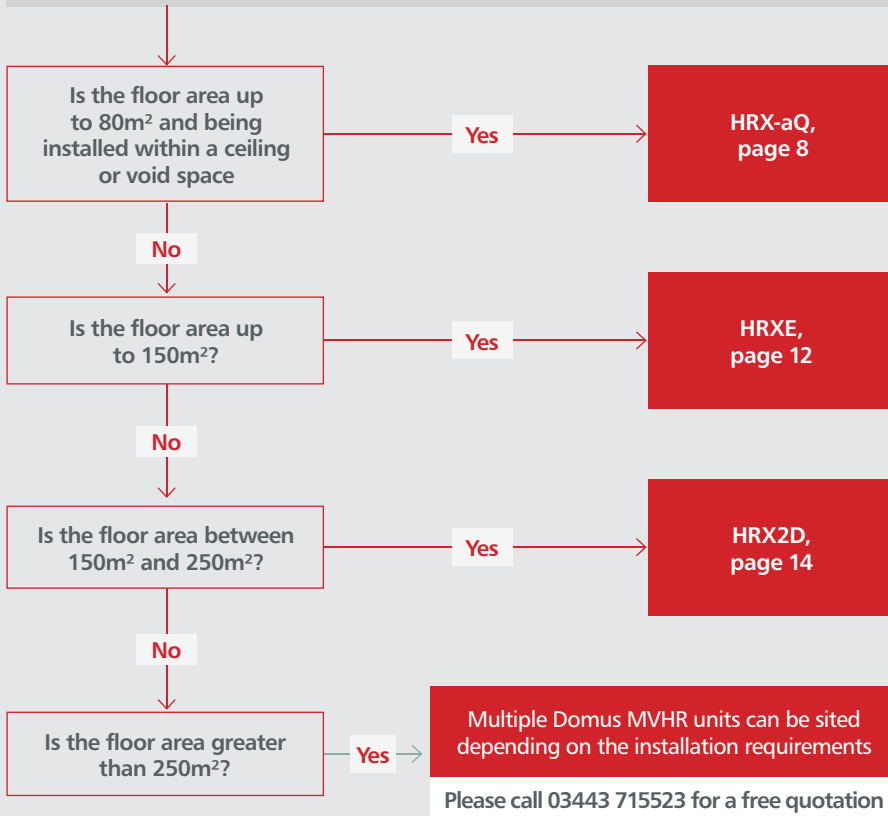
- Improves indoor air quality through continuous balanced ventilation, throughout the whole house
- Easy and quick to install, commission and maintain
- Helps reduce the Dwelling Emission Rate (DER) to secure additional SAP points
- Provides peace of mind that the units performance levels comply with current Building Regulation requirements
- Reduces household energy consumption



When installed with Domus duct systems, the HRX range provides the ultimate energy saving ventilation system.

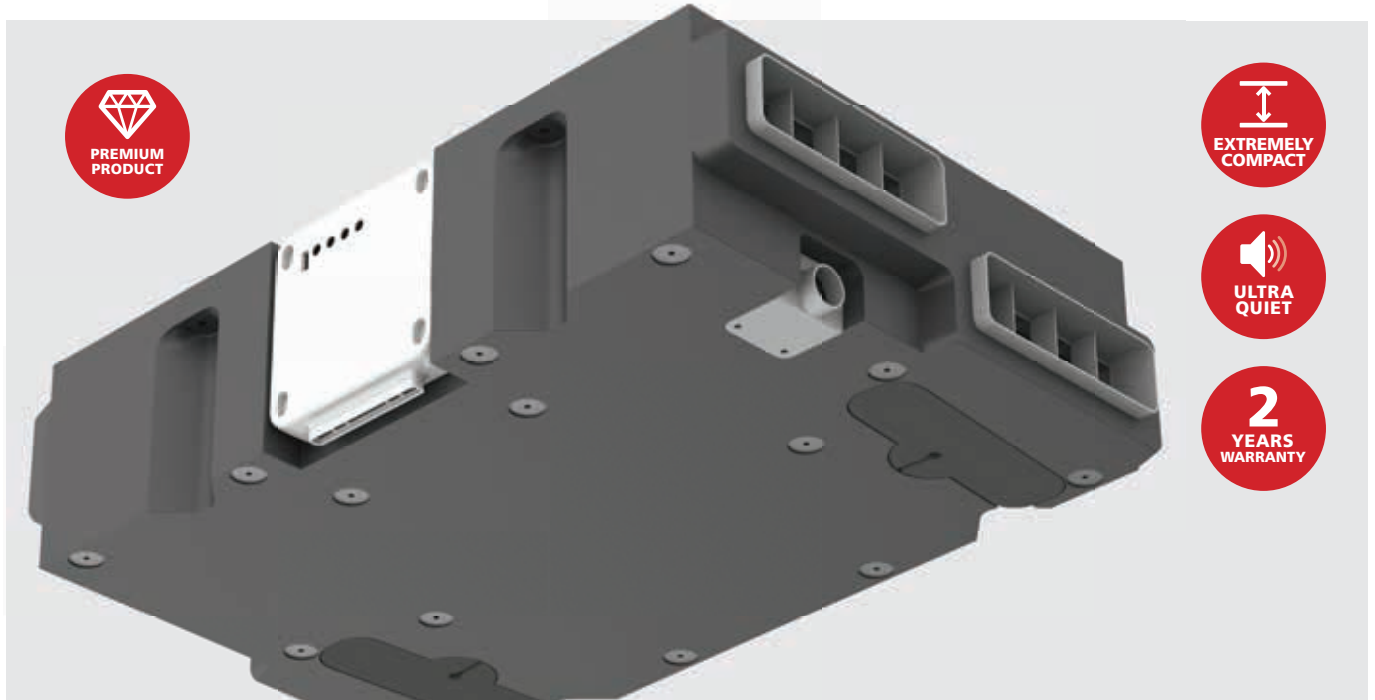
MVHR Unit Selector

Balanced ventilation for a whole house




HRX-aQ



Fits into ceiling voids and utility cupboard spaces

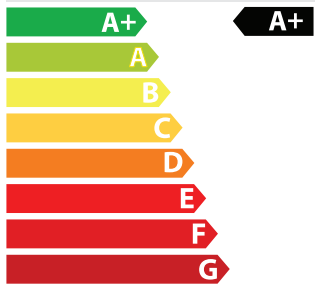


INSTALLATION

 Supports kitchen and up to two wet rooms
Floor area 80m²

IS A WHOLE HOUSE SYSTEM


- Building Regulations Compliant 
- ErP Directive Compliant 



Incorporates an advanced Bluebrain control

Ultimate, flexible and intelligent control

Straight forward, accurate commissioning

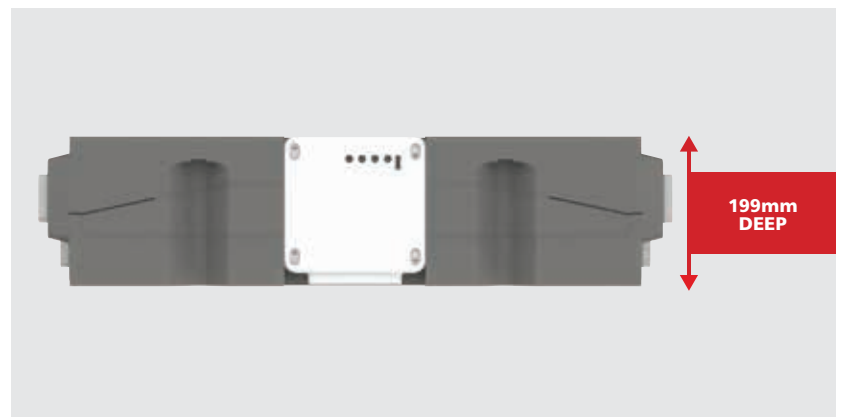


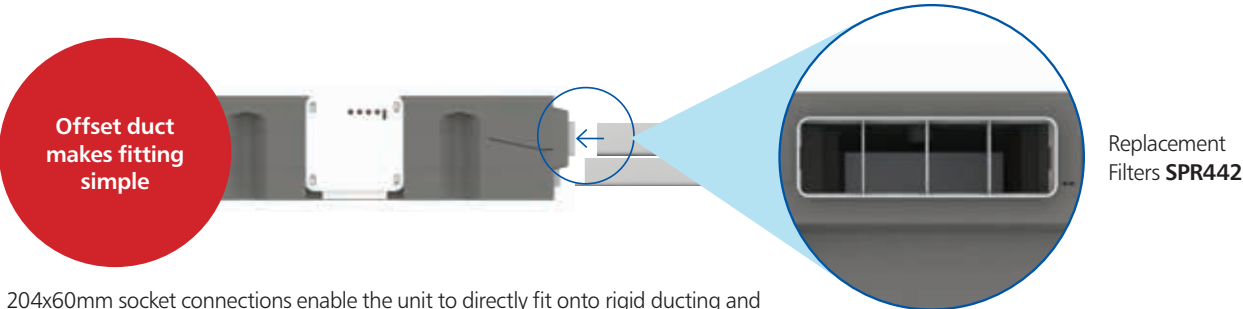
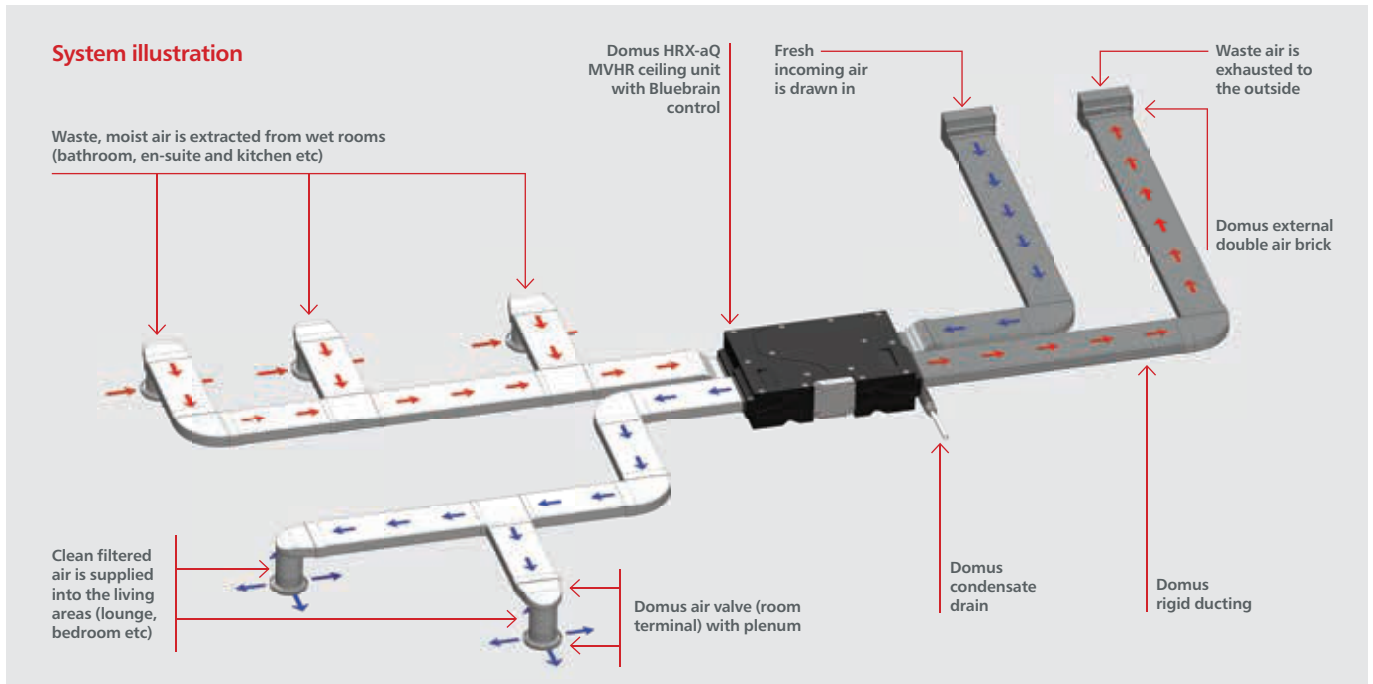
[SEE PAGE 16](#)

The most compact and intelligent void mounted MVHR ceiling unit in the market, the HRX-aQ enables contractors to deliver quicker installation with minimum hassle.

- Specific Fan Power (SFP) down to 0.72 (W/l/s)
- Bluebrain control optimises the unit’s functionality and allows for quick and easy commissioning through simple speed adjustment buttons
- High heat exchange efficiency up to 87%
- Extremely quiet in operation, down to 24dB(A)
- Compact and lightweight – weighs 7.9kg and measures 199mm in depth
- Effectively extract up to 30l/s at boost (for a kitchen and two wet rooms)

For technical information visit: www.domusventilation.co.uk



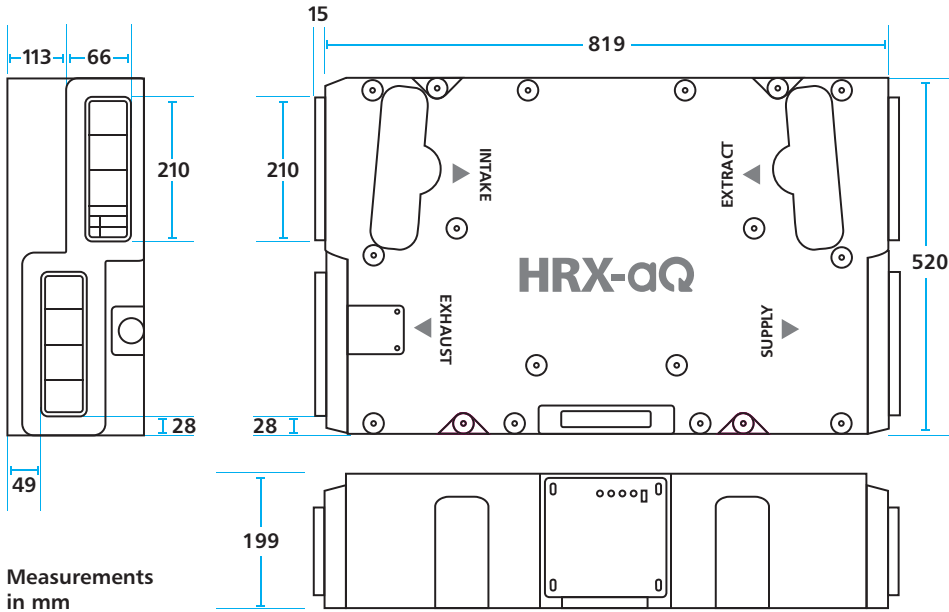


204x60mm socket connections enable the unit to directly fit onto rigid ducting and remove the need for additional adapters. For information on Domus rigid ducting, go to page 48. For Radial semi-rigid ducting, go to page 84.

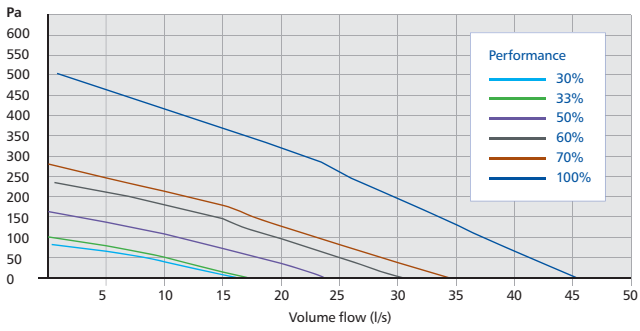
Code	Description	Unit Depth	Thermal (Summer) Bypass
AQH200-S	Void Mounted MVHR unit	199mm	
AQH200-B	Void Mounted MVHR unit bypass	199mm	✓

Code	Accessories
297	Condensate Drain (not included)
AQHC-CC8	8 metre data cable (not included)
SPR422	Replacement filters for AQH200-B & AQH200-S units (pair)

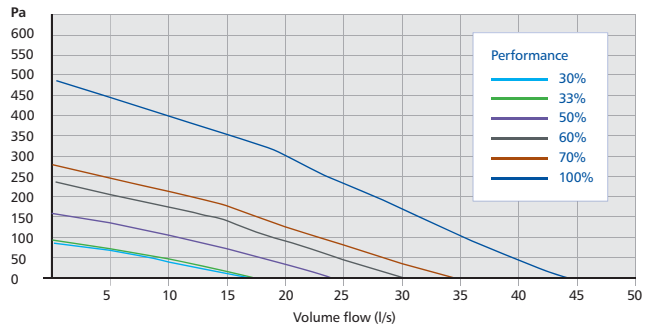
199MM DEEP MODELS  7.9kg - one person lift



AQH200-S



AQH200-B



For technical information visit: www.domusventilation.co.uk



MVHR Intro

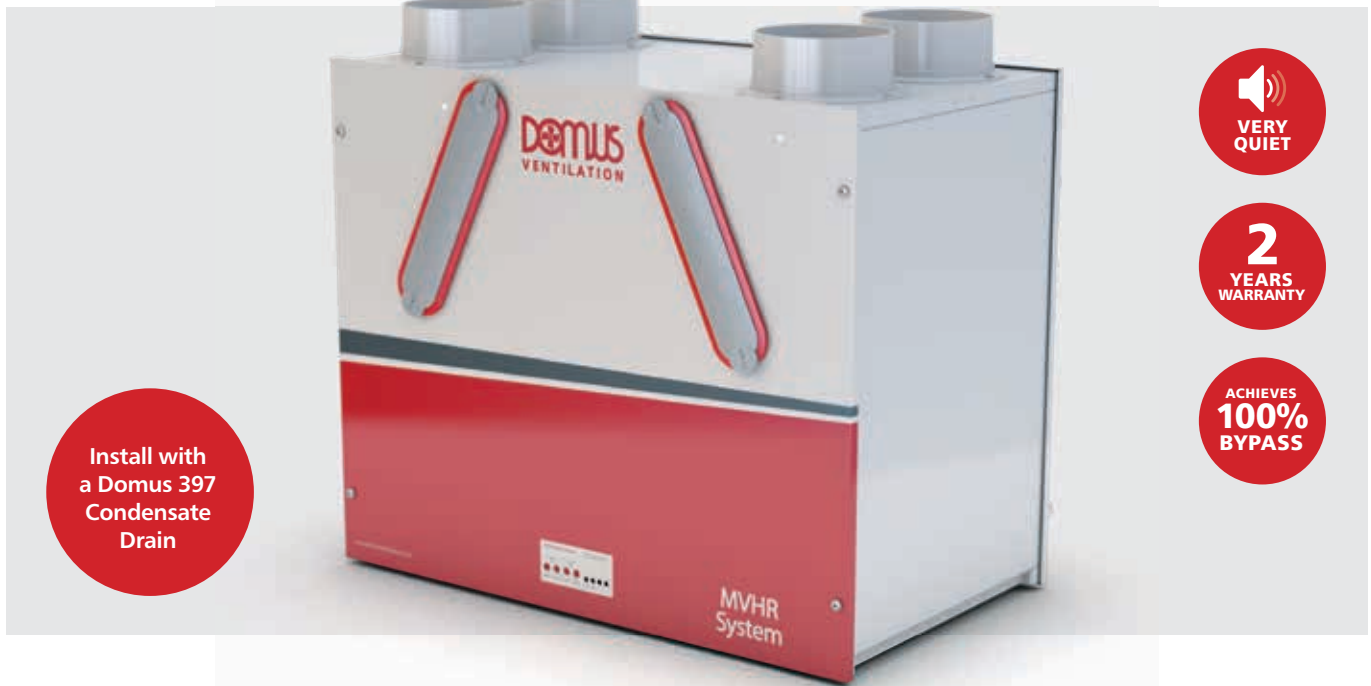
HRX-AQ MVHR

HRXE MVHR

HRX2D MVHR

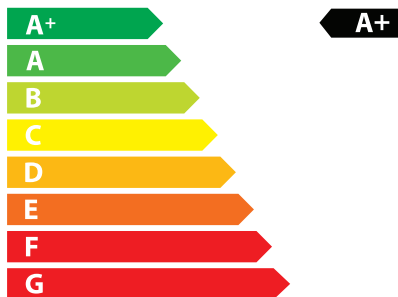
Bluebrain Control

HRXE and Opposite Handed versions



INSTALLATION

<p>IS A WHOLE HOUSE SYSTEM</p>	<p>Supports kitchen and up to two wet rooms Floor area 135m²</p>
<p>Building Regulations Compliant</p>	
<p>ErP Directive Compliant</p>	



The heat exchanger block within these units can recover up to 90% of the normally wasted heat. The two independent fans have full-speed control for background and boost ventilation rates.

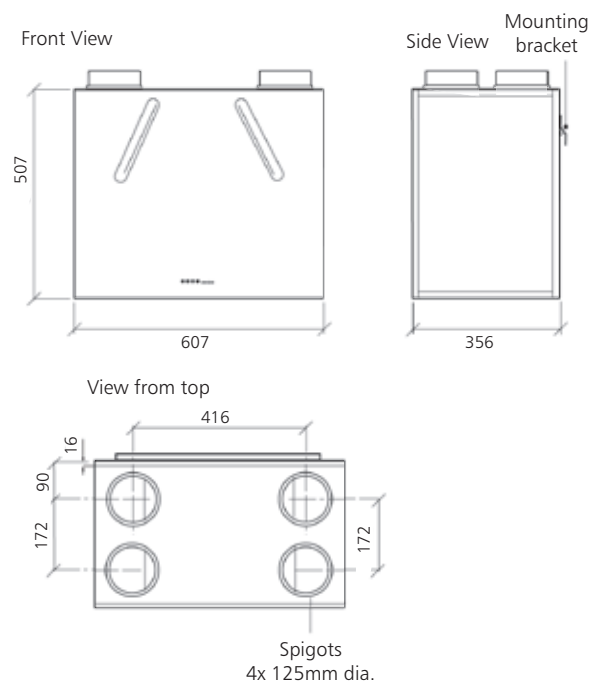
All models have a 100% automatic bypass function, utilised in warmer months. By entering in to Bypass mode the HRXE unit no longer recovers heat from extracted air and simply allows cooler air from outside to pass through its G3 filters and enter the home via the supply valves.

Due to its intelligent and smart design, there will be no reduction in airflow when operating in bypass mode resulting in enhanced performance.

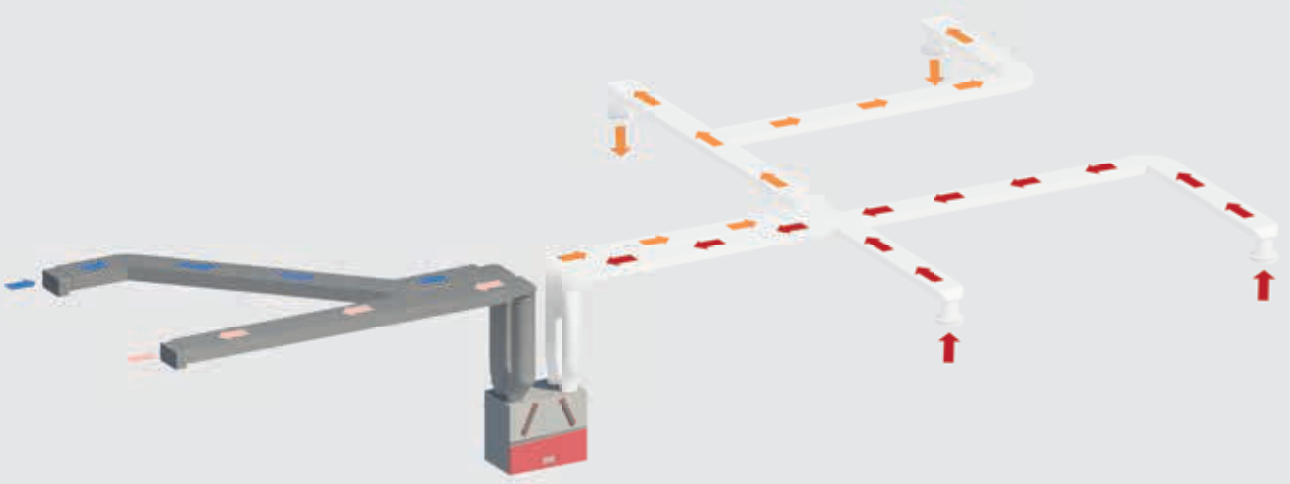
All HRXE models have been designed with 100% automatic bypass, as listed on the SAP Product Characteristics Database (PCDB).

The HRXE range operate by continuously extracting moisture-laden air from 'wet' rooms within the property and at the same time drawing in fresh supply air from outside. The heat from the extracted stale air is recovered via a heat exchanger inside the heat recovery unit which becomes tempered and filtered, before supplied in to the habitable rooms, creating comfortable and well ventilated homes.

For technical information visit: www.domusventilation.co.uk

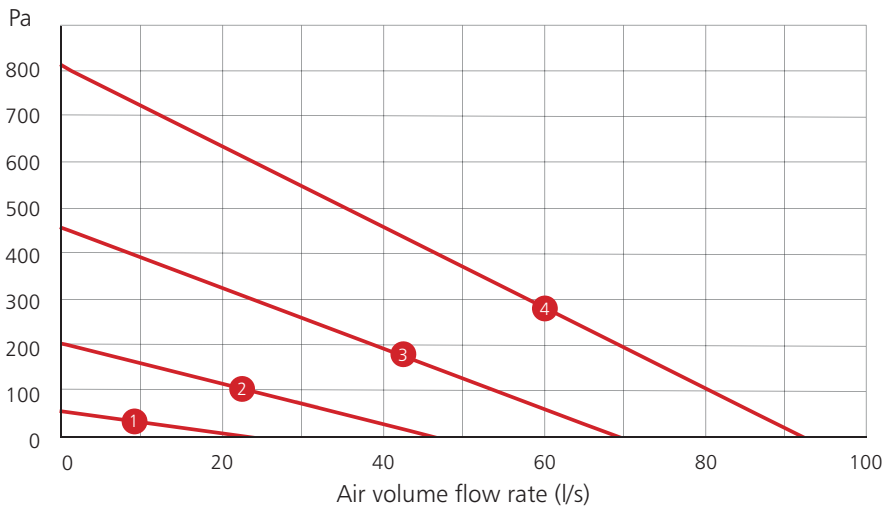


System illustration

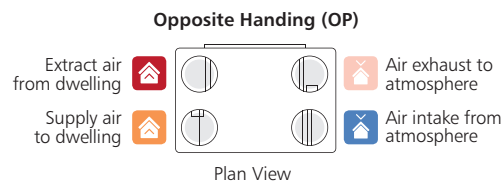
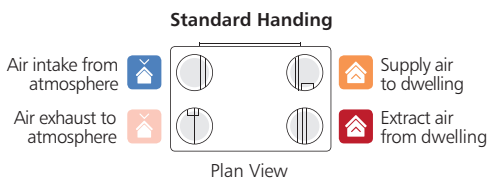


Standard handing installation

Performance



- ① 25% Performance
- ② 50% Performance
- ③ 75% Performance
- ④ 100% Performance




Code	Description
HRXE	Standard unit with 100% bypass
HRXE-H	Standard unit with 100% bypass and integral humidistat
HRXE-OP	Opposite handed unit with 100% bypass
HRXE-OPH	Opposite handed unit with 100% bypass and integral humidistat
HRX-CKK1	Duct Connection Kit
HRXE-AV	Anti-Vibration tray suitable for all HRXE models
397	Condensate drain suitable for HRXE units only
SPR428	Replacement filters suitable for all HRXE units (pair)

HRX2D



Mounts onto a wall in either a kitchen or utility cupboard space

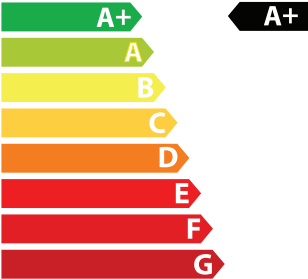


INSTALLATION

 Supports kitchen and up to seven wet rooms
Floor area 250m²

IS A WHOLE HOUSE SYSTEM

- Building Regulations Compliant 
- ErP Directive Compliant 



Incorporates an advanced Bluebrain control

Ultimate, flexible and intelligent control

Straight forward, accurate commissioning

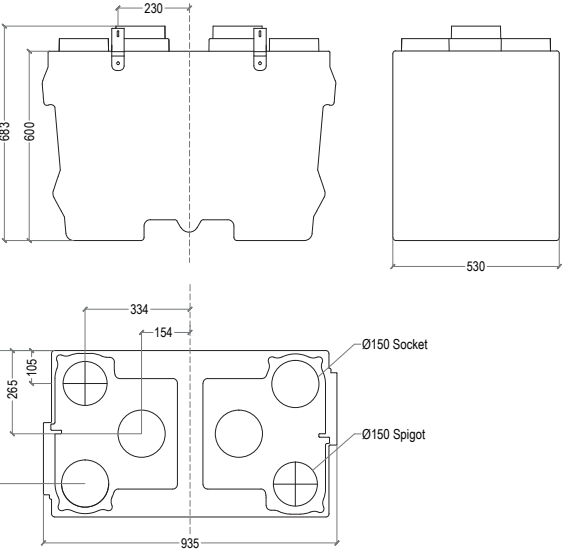


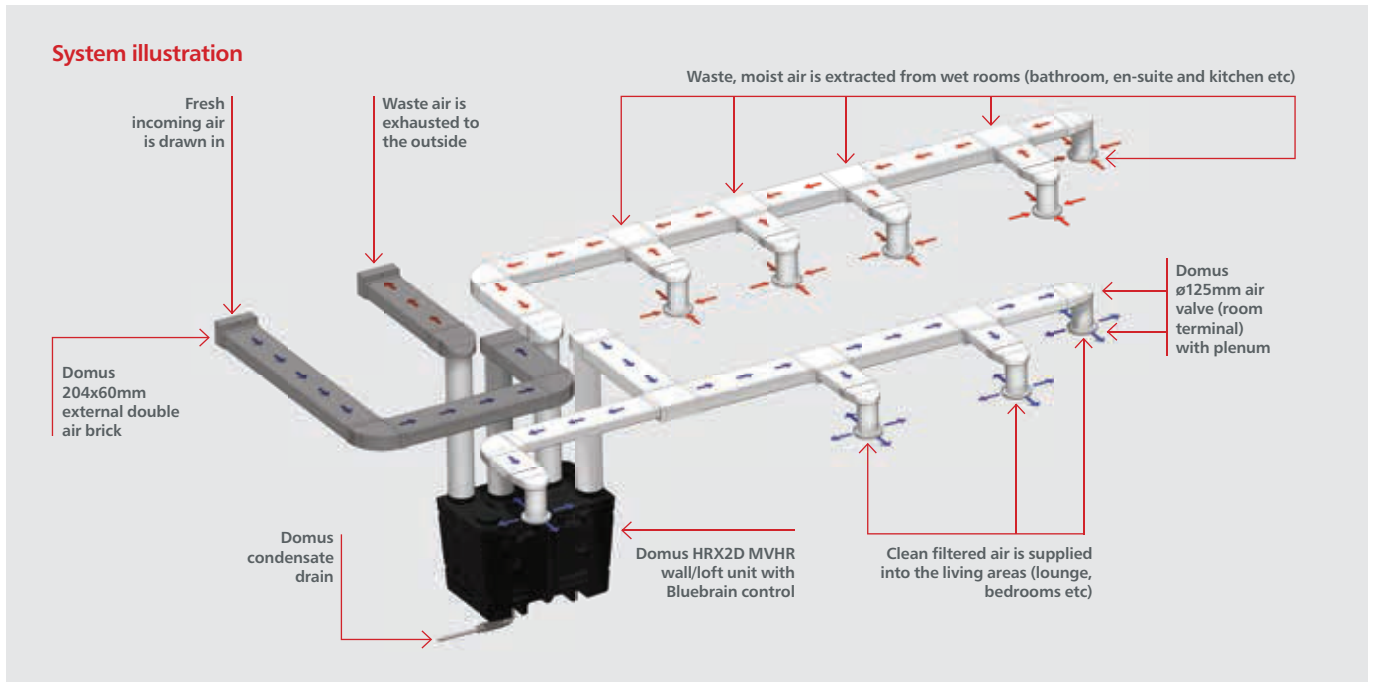
SEE PAGE 16

Ideal for larger developments, the HRX2D is a highly efficient and intelligent MVHR unit, which is quick and easy to install and operate.

- Extremely low Specific Fan Power (SFP) down to 0.57 (W/l/s)
- Bluebrain control optimises the unit’s functionality and allows for quick and easy commissioning through simple speed adjustment buttons
- High heat exchange efficiency up to 94%
- Very quiet in operation, down to 35dB(A)
- 20kg

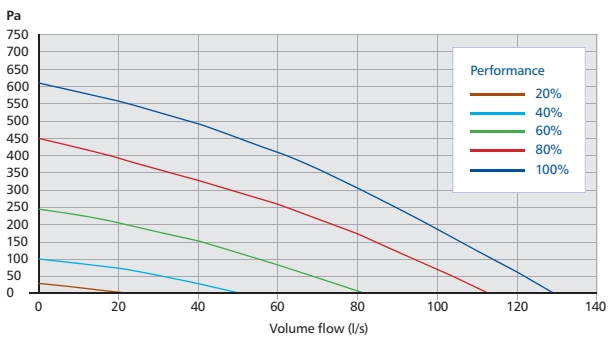
For technical information visit: www.domusventilation.co.uk





Code	Description	Unit Depth	Thermal (Summer) Bypass
HRX2D		530mm	✓

Code	Accessories
297	Condensate Drain
HRX2C-AF	Air Filters
HRX2-CK1	Hose Connection Kit (included)
AQHC-CC8	8 Metre Data Cable (not included)



Installation guidance

Install with a Domus Ventilation 297 Condensate Drain

Bluebrain Control

Optimises Domus MVHR systems, as well as making commissioning simpler



FUNCTIONS



- Control functions**
- + Increase value/speed (+)
 - Decrease value/speed (-)
 - 1 Set temperature activation point
 - 2 Set date and time
 - 3 Set humidity trigger point
 - 4 Adjust thermal (summer) bypass
 - 5 Copy program
 - 6 Select and edit program
 - 7 Escape function
 - 8 Save function

Through advanced AMIE technology (Air Management for Indoor Environments), the Bluebrain controller not only offers simple pre-programmed functions, such as night time cooling and intelligent thermal bypass, it also allows for straightforward commissioning.

Intelligently manages air conditions

Digital humidity control aiding homeowner comfort

Through advanced AMIE technology, unlike typical humidity sensors, the Bluebrain MVHR controller will enable occupants to have direct control over managing the humidity levels in their home – to suit personal comfort levels.

By accurately measuring air humidity, the MVHR's extract speed automatically changes from background to boost as the level of humidity increases, thereby providing optimal ventilation performance.

Advanced thermal bypass control

Perfect for night time cooling or during warmer periods, the MVHR controller detects when the air temperature reaches a pre-set level and intelligently activates the thermal bypass mechanism to maximise the effect of maintaining fresh and filtered air. The thermal bypass is also programmable by time, for additional convenience and comfort.

For technical information visit: www.domusventilation.co.uk

Commissioning made easier

Simple speed control

Engineered to include independent speed control, the Bluebrain control allows quick and accurate commissioning through simple speed adjustment buttons.



The Bluebrain controller takes the hassle out of MVHR commissioning.

Dirty filter indicator

Automated filter maintenance and replacement reminders

Ease of maintenance and filter replacement is an important consideration when choosing MVHR – not only to ensure performance of the unit is maximised and air quality maintained, but also for peace of mind. The MVHR Bluebrain control removes this concern by providing helpful maintenance reminders for cleaning its filters.



CM01

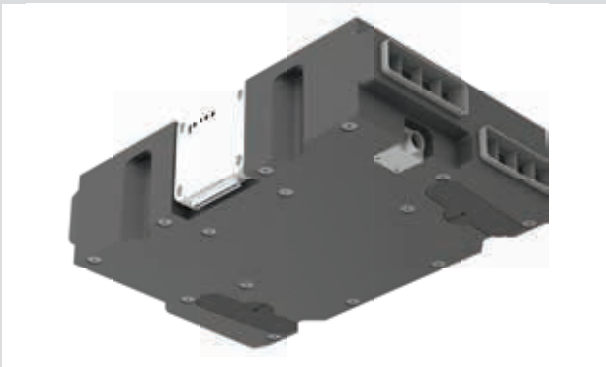
Commissioning Anemometer

Control features summary

- Includes advanced AMIE technology (Air Management for Indoor Environments)
- Power indicator
- Status indicator (frost protection, thermal bypass, etc.)
- Fault indicator with diagnostics
- Independent fan speed control
- Switched live inputs (signal triggers):
 - Mains level x 2
 - Volt free to boost x 2
 - Volt free to max x 1
- 3 variable speeds
- Clean filter indicator
- Frost protection
- Built in humidistat
- Run on boost timer
- Delay 'on' boost
- Pre commissioning filter protection
- Discreet run monitor
- Lockable commissioning mode
- Time and date display
- Real time air temperature display
- Real time extract air humidity level display
- Easy to read, contemporary digital display

The Bluebrain controller is compatible with the following MVHR units:

HRX-aQ



See page 8

Fits into ceiling voids and utility cupboard spaces.

HRX2D



See page 14

Mounts onto a wall in either a kitchen or utility cupboard space, or in a loft.

Section 3 | MEV Introduction

A continuous, effective and efficient means of maintaining the indoor air quality that you breathe and live in.

It can be common in modern, air-tight properties for a buildup of condensation, mold and stale air can negatively impact the health of occupants and the fabric of the home. Installing an energy efficient Mechanical Extract Ventilation (MEV) system will effectively help to remove these pollutants and maintain a healthy indoor air quality.

How it works

Also referred to as System 3 in Approved Document F of the Building Regulations, an MEV system consists of a centralised ventilation unit that continuously extracts waste, polluted and moist air from wet rooms and can be discreetly positioned in either a cupboard, utility room, ceiling or loft space.

An MEV system can be ducted throughout the dwelling and operated by the homeowner through a range of control options. Typically dual speed, MEV systems provide both low speed continuous trickle ventilation and high speed boost flow when required. Replacement fresh air is drawn into the dwelling through background ventilators i.e. air inlets, located in the living areas.



SAP ratings

As an added benefit to developers, specifiers and self-builders, incorporating an MEV system will also help to lower Dwelling Emission Rates (DER) and therefore provide higher SAP ratings.

For those looking to further improve their DER and integrate heat recovery into a centralised extract system, please see page 6.



Benefits of Domus MEV systems

- Improves indoor air quality through continuous ventilation
- Delivers quicker installation with minimum hassle
- Helps reduce the Dwelling Emission Rate (DER) to secure additional SAP points
- Provides peace of mind that the unit's performance complies with Building Regulations
- Fits easily into joist spaces

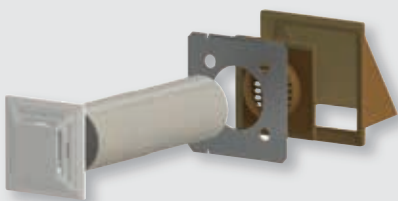
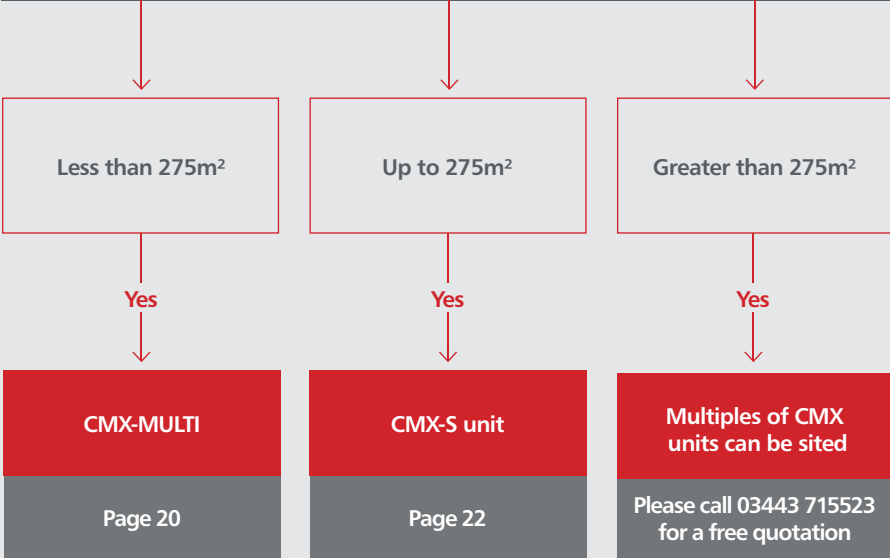


One of the most versatile and easiest to install MEV solutions. Engineered for optimum system performance and to provide discreet operation.

Helps to provide healthy and clean indoor air.

MEV Unit Selector

What is the dwelling total floor area?

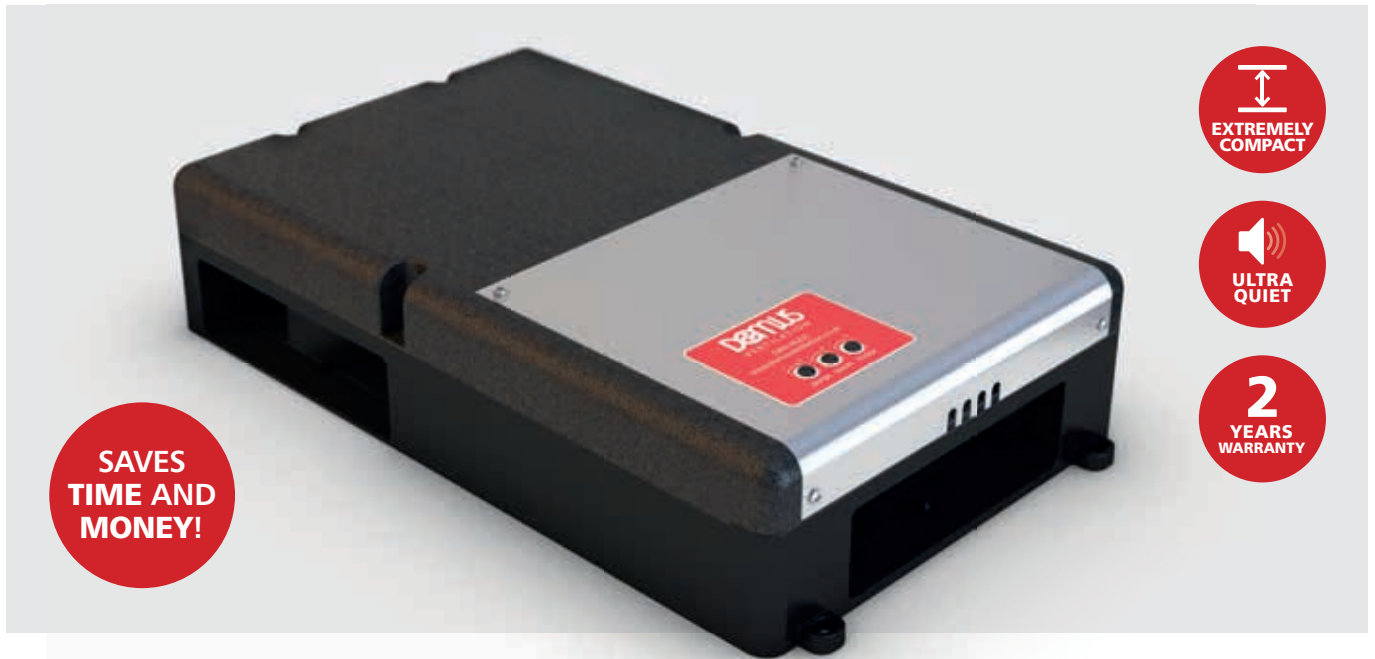


Domus CMX air supply kits provide effective background ventilation.


CMX-ASK1W (white)
CMX-ASK1B (brown)

CMX-MULTI


Fits into ceiling voids and utility cupboard spaces – horizontally or vertically




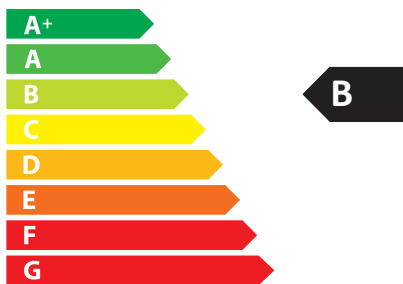
INSTALLATION

 IS A WHOLE HOUSE SYSTEM

Ideally used in properties up to K+3

Building Regulations Compliant 

ErP Directive Compliant 



Installation

Flexible installation. Can be fitted horizontally or vertically:

- ▶ Inside a kitchen cupboard or utility room
- ▶ Direct to a ceiling or in a loft space
- ▶ Within a joist space



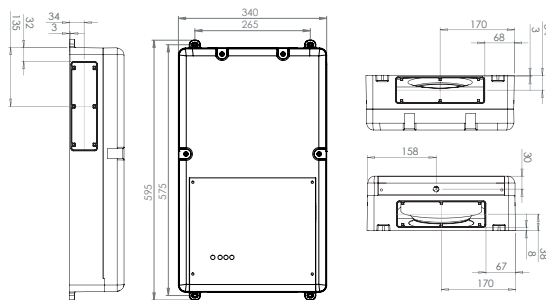
The CMX-MULTI is Domus Ventilation’s newest MEV offering, reaffirming our position as a market leader in innovation.

Aimed at the Residential market its shape and size conform with New Build restrictions, whilst also making it ideal for retro-fit projects due to direct duct runs and wall or ceiling void fixings. Quiet running, whilst comfortably providing impressive airflow rates and with a choice of models with and without integral humidistat, the CMX-MULTI range provide the solution in Mechanical Extract Ventilation.

- Excellent SFP as low as 0.14 (W/l/s)
- CMX-MULTI-H has integral humidistat, ideal for specification works
- 3 inlet spigots for simplified multi-room extraction
- 204x60mm spigots allowing direct duct runs from the unit, saving time and money on site
- Exceptionally compact (125mm deep) and lightweight (3.1kg), ideal for small ceiling void depths

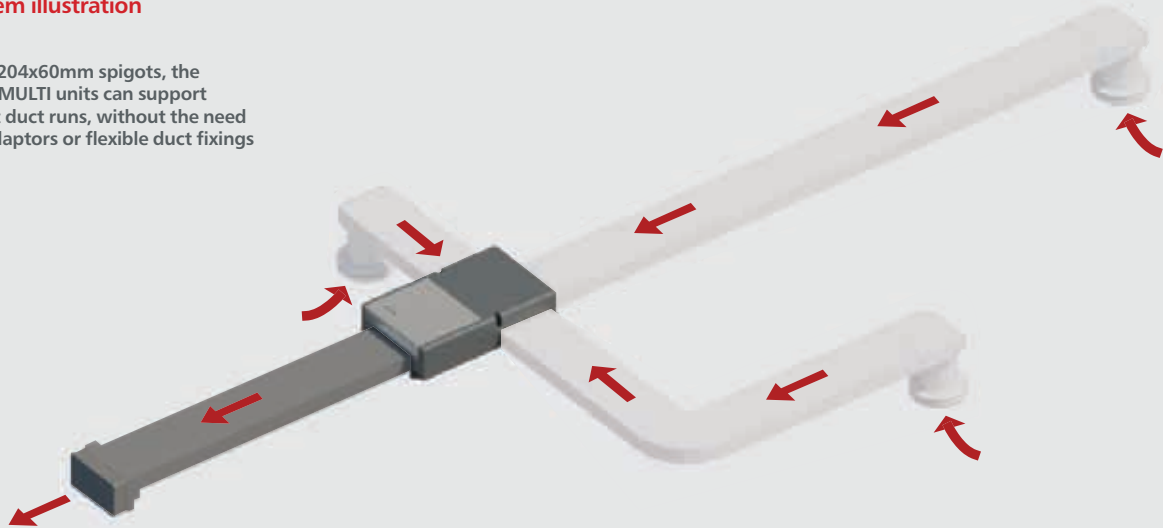


For technical information visit: www.domusventilation.co.uk

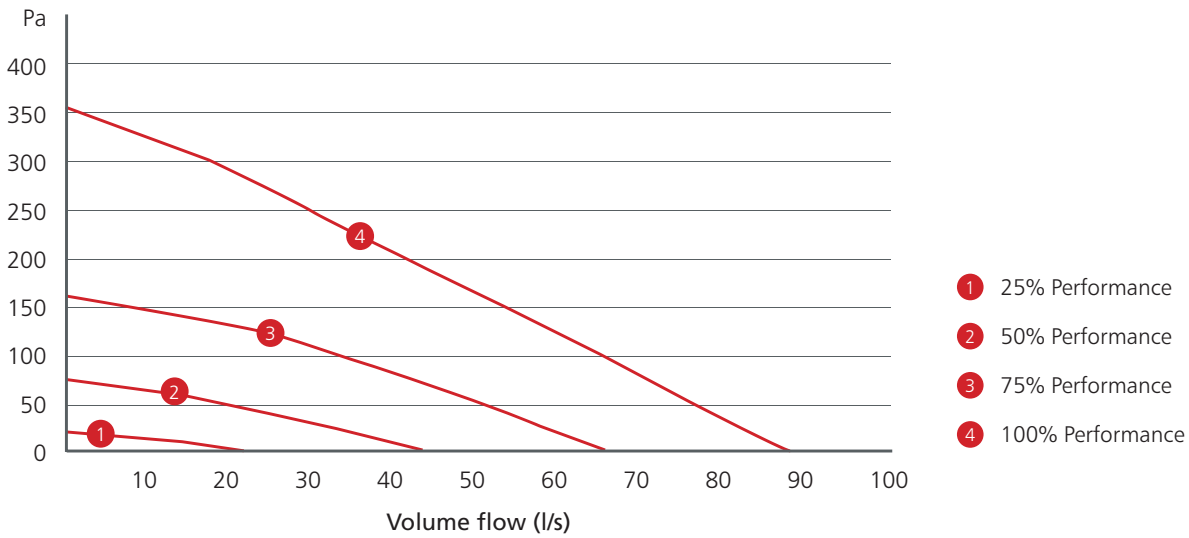


System illustration

With 204x60mm spigots, the CMX-MULTI units can support direct duct runs, without the need for adaptors or flexible duct fixings



Performance



Code	Description	Unit Depth
CMX-MULTI	CMX-MULTI Mechanical Extract Ventilation Unit	125mm
CMX-MULTI-H	CMX-MULTI Mechanical Extract Ventilation Unit with Integral Humidistat	125mm


For compatible accessories please refer to table on page 23.

CMX-S

Fits into ceiling voids and utility cupboard spaces – horizontally or vertically




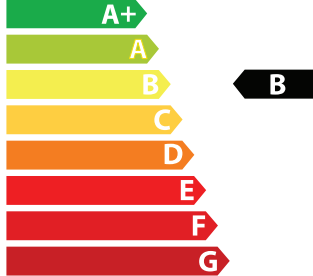
INSTALLATION

 Supports kitchen and up to six wet rooms
Floor area 275m²

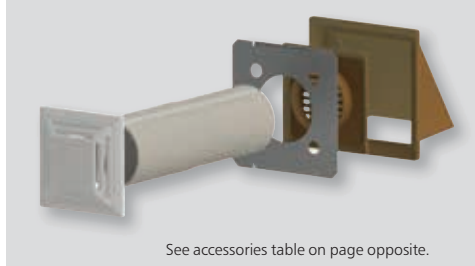
IS A WHOLE HOUSE SYSTEM

Building Regulations Compliant 

ErP Directive Compliant 



Domus CMX air supply kits provide effective background ventilation

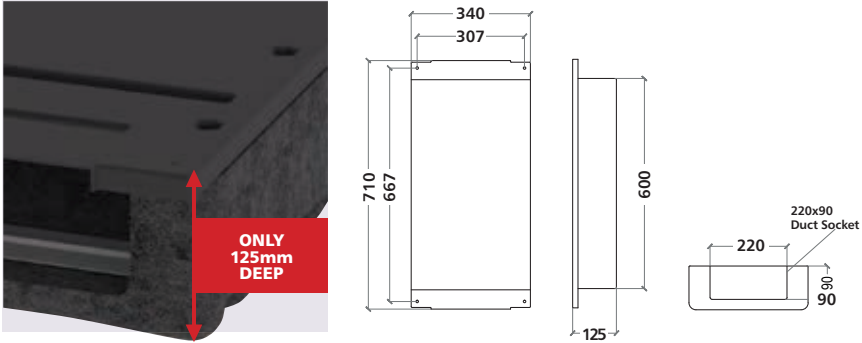


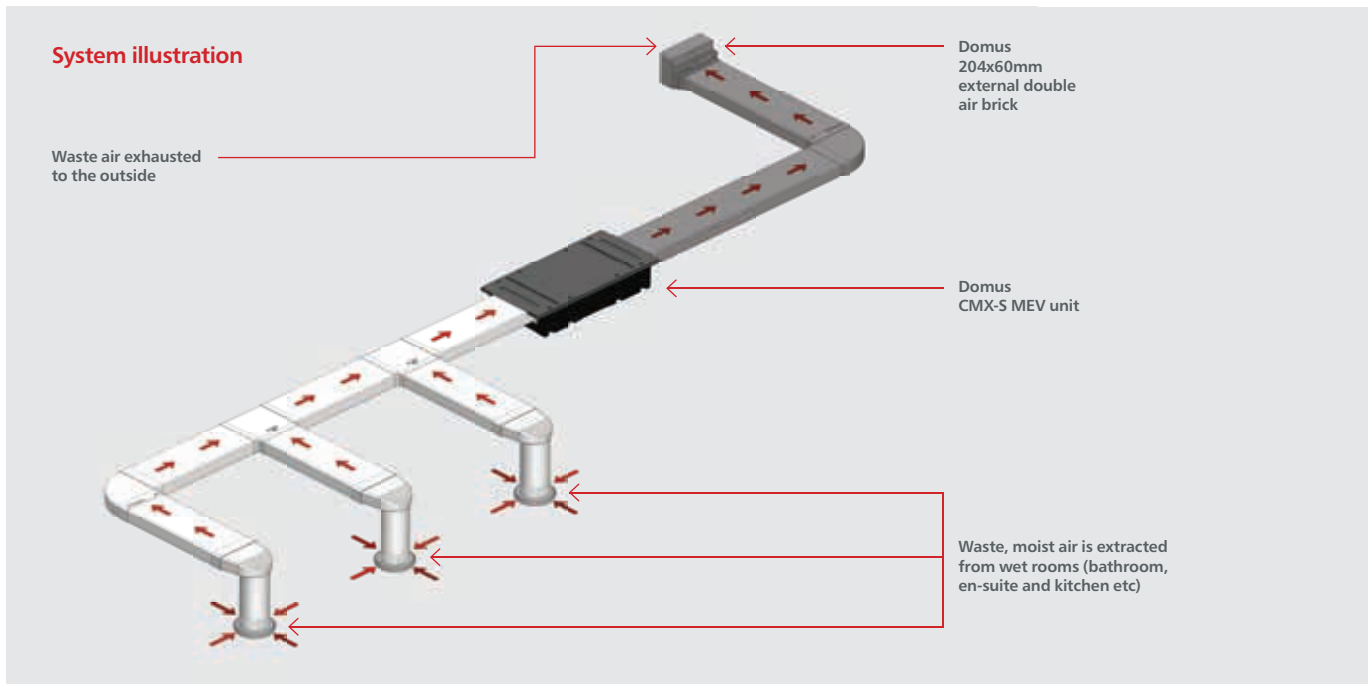
At just 125mm in depth, the CMX-S is one of the most versatile, easy to install and energy efficient MEV solutions available on the market.

- Low Specific Fan Power (SFP) down to 0.24 (W/l/s)
- Exceptionally compact (125mm deep) and lightweight (3.25kg), ideal for small ceiling void depths
- Very quiet in operation, down to 34dB(A)
- Distinct EPP casing reduces noise
- High air flow performance up to 120 l/s
- In-line ports enable straightforward duct connection
- Flexible home owner control (3 speed options)

Ideal for Light Commercial application due to its impressive 120l/s duty.

For technical information visit: www.domusventilation.co.uk





Code	Description	Unit Depth
CMX-S	Void or wall mounted MEV unit	125mm

Code	Accessories
CMX-ASK1W	Air Supply Kit with White Cowl
CMX-ASK1B	Air Supply Kit with Brown Cowl
ANC848A	Low/Boost Switch
ANC850A	Low/Boost/Purge Switch
ANC108A	Timer Switch
ANC808A	Timer and Humidity Switch with Neon indicator and pull cord
ANC802A	Timer and Humidity Switch
ANC813A	Timer and PIR Switch
ANC846A	Timer and Humidity Switch with Duct Mounted Sensor
ELE150R	Six Input Junction Box

Section 4 | Decentralised Mechanical Extract Ventilation (dMEV)

Our highly efficient Domus dMEV range offers continuous low level ventilation – to a single wet room, coupled with virtually silent operation.

How it works

Also known as System 3 in Approved Document F of the Building Regulations, decentralised Mechanical Extract Ventilation (dMEV) systems incorporate continuously running extract fans, designed to remove waste and moist air from a single wet room. dMEV fans continuously extract the waste air at both low trickle or boost speeds, as determined by the homeowner through a range of control options. Replacement fresh air is then drawn into the dwelling via background ventilators located in the habitable rooms.



SAP ratings

As an added benefit to developers, specifiers and self-builders, incorporating a dMEV system will also help to lower a property's Dwelling Emission Rate (DER) and therefore provide a higher SAP rating.



Sapphire Range

Stylishly designed to discreetly complement modern interior design schemes, our dMEV Sapphire range offers exceptionally high levels of energy efficient performance and operates almost silently; ensuring homeowners are not disturbed whilst maintaining continuous and effective balanced ventilation.





100mm (4") Energy Efficient, Centrifugal Mounts onto a wall or ceiling

SUITABLE FOR

BATHROOM

TOILET

KITCHEN

UTILITY ROOM

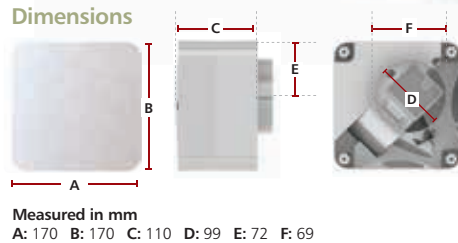
NEW BUILD & REPLACING FANS

COMPLIES WITH

- ErP Directive ✓
- Building Regulations ✓

- Provides very quiet levels of continuous ventilation to a single wet room
- Stylish fascia to fit interior design scheme
- Very low SFP down to 0.30 (W/l/s)
- Ideal for long duct runs, with up to 6m in duct

For technical information visit:
www.domusventilation.co.uk



Code	Timer	Humidistat	SELV	Back-draught shutter	Specific Fan Power (W/l/s)				Weight (kg)
					Through-Wall Kitchen	Through-Wall Other Wet Room	In-Room Kitchen	In-Room Other Wet Room	
DME100C	✓	✓		✓	0.30	0.38	0.35	0.45	0.85
DME100LVC	✓	✓	✓	✓	0.30	0.38	0.35	0.45	0.85

Section 5 | Intermittent Extract Fans

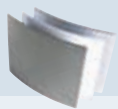
Our range of Domus bathroom and kitchen fans provide rapid local extraction and include axial, in-line and centrifugal options. With a number of years presence in the UK market, our Domus range has earned itself a superb reputation for quality, reliability and ease of installation.


How a fan works

Also known as System 1 in Approved Document F of the Building Regulations, intermittent extract is a classic method of ventilating a home, either under occupant or automatic control i.e. a timer or a pull cord.

For style and quiet performance, choose from our Sapphire range

- Ultra quiet ventilation
- Stylish design
- Complies with Building Regulations and the ErP Directive
- Optional fascias for STF/GTF 100mm fans



 UK manufactured



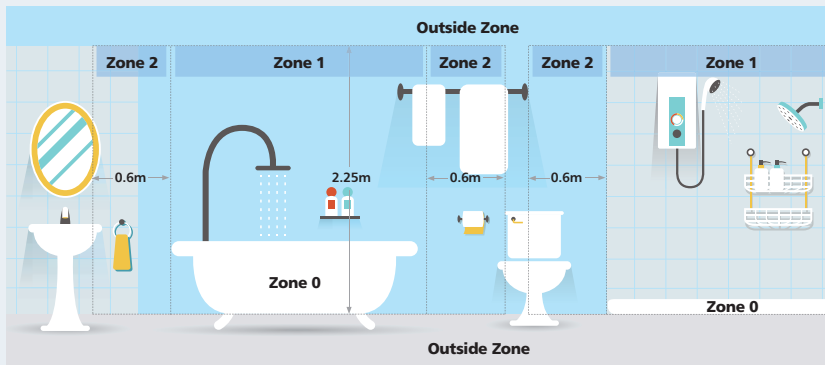
Electrical safety zones

Where is it safe to install a fan?

Fans are commonly 240 Volts, however to protect occupants who need a fan installing close to a shower or bath, there are Separated Extra Low Voltage (SELV), 12 Volt, fans available.

Please use our illustration to help you know where you should and SHOULDN'T install a fan, as well as knowing where you need a 240 or 12 Volt fan.

For more information, see section 701 of British Standard 7671:2008.



- Zone 0**
No fans permitted.
- Outside Zone**
Fans positioned in this area will be less effective.
- Zone 1**
12 Volt (SELV) fans.
Must be positioned above Zone 0 over 2.25m from the floor.
- Zone 2**
230 Volt fans.
Must be positioned horizontally 0.6m from Zone 1.

If in doubt, contact a qualified electrician for installation.

How to choose the right fan

1 Step one

What sort of property are you installing into:

<p>A new build property?</p>  <p>NEW BUILD & REPLACING FANS</p>	 <p>NEW BUILD & REPLACING FANS</p>	<p>An existing property?</p>	 <p>REPLACING FANS</p>
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2 Step two

What wet room are you installing into:

 <p>BATHROOM</p>	 <p>TOILET</p>	 <p>KITCHEN</p>	 <p>UTILITY ROOM</p>
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3 Step three

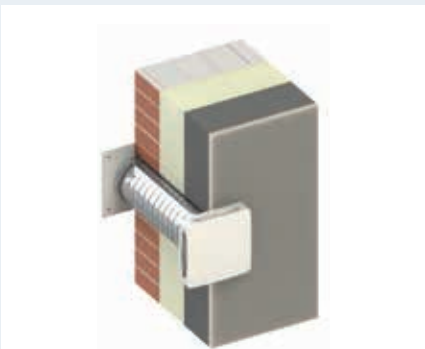
What sort of fan and model do you want:

Axial models - pages 28-36



Connect to a short duct run, up to 1.5m in length, typically running through a wall to an external grille.

Typical axial installation

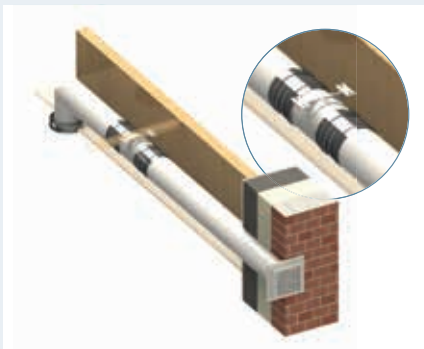


In-Line models - pages 37-39



Perfect for shower applications and commonly mounted in a loft or ceiling void.

Typical in-line installation



Centrifugal models - pages 41-45



Suitable for longer duct runs up to 6m in length and can be wall or ceiling mounted.

Typical centrifugal installation



4 Step four

What voltage your fan should be: 240V or 12V (SELV).

For more information on whether you need a 240V or a 12V (SELV) fan, see page 26 (left).



5 Step five

What extra options do you need:





100mm (4") Energy Efficient Mounts onto a wall

SUITABLE FOR



BATHROOM



TOILET



NEW BUILD & REPLACING FANS



PREMIUM PRODUCT



ULTRA QUIET



2 YEARS WARRANTY



COMPLIES WITH

ErP Directive



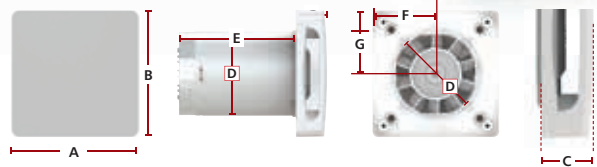
Building Regulations



- Offers a very low SFP down to 0.22 (W/l/s)
- Very quiet in operation
- Stylish fascia to fit interior design scheme
- Ability to mix and match fascia options, see page 31

For technical information visit:
www.domusventilation.co.uk

Dimensions



Measured in mm
A: 150 B: 150 C: 37 D: 99 E: 139 F: 75 G: 75



Code	Timer	Pull Cord	Humidistat	SELV (12V)	Retail Pack	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
GTF100-S							23	83	30	0.7
GTF100-SR					✓		23	83	30	0.7
GTF100-PCR		✓			✓		23	83	30	0.7
GTF100-T	✓						23	83	30	0.7
GTF100LV-T	✓			✓			24	86	27	0.6
GTF100-TBS	✓					✓	23	83	30	0.7
GTF100LV-TBS	✓			✓		✓	24	86	27	0.6
GTF100-TR	✓				✓		23	83	30	0.7
GTF100-H	✓		✓				23	83	30	0.7
GTF100LV-H	✓		✓	✓			24	86	27	0.6

*Weight includes transformer.



100mm (4") Mounts onto a wall

SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS

COMPLIES WITH

ErP Directive



Building Regulations

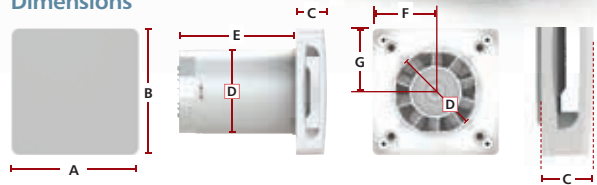


- Provides effective ventilation
- Quiet in operation
- Stylish fascia to fit interior design scheme
- Ability to mix and match fascia options, see page 31

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
A: 150 B: 150 C: 37 D: 99 E: 139 F: 75 G: 75



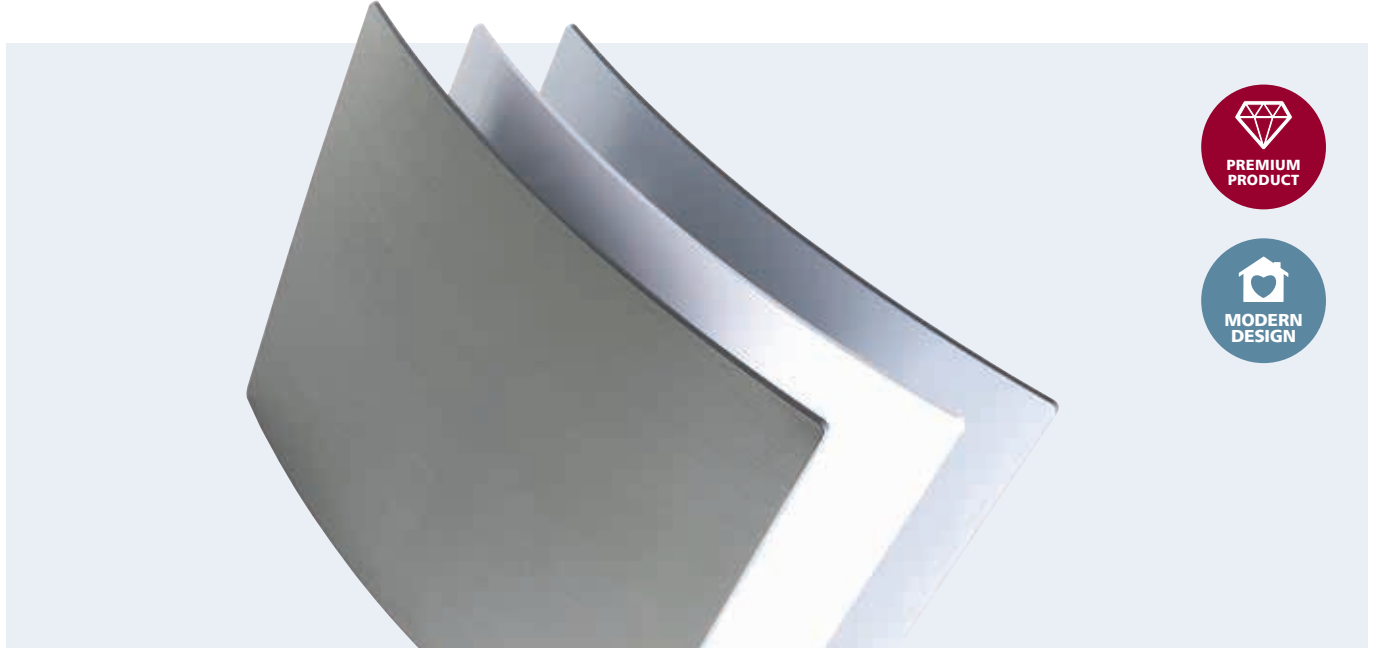
Code	Timer	Pull Cord	Humidistat	SELV (12V)	Retail Pack	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
STF100-S							23	83	25	0.6
STF100-SR					✓		23	83	25	0.6
STF100-PCR		✓			✓		23	83	25	0.6
STF100-T	✓						23	83	25	0.6
STF100LV-T	✓			✓			23	83	28	1.6*
STF100-TBS	✓					✓	23	83	25	0.6
STF100LV-TBS	✓			✓		✓	23	83	28	1.6*
STF100-TR	✓		✓				23	83	25	0.6
STF100-H	✓		✓				23	83	25	0.6
STF100LV-H	✓		✓	✓			23	83	28	1.6*

*Weight includes transformer.



Sapphire Fan Accessories

For 100mm Sapphire STF/GTF wall and ceiling fans, see pages 28-29



Stylish Sapphire Fan Fascias

- Stylish bathroom fan fascias, designed to discreetly fit interior design schemes
- Offer the ability to mix and match 100mm axial fascia options

For technical information visit: www.domusventilation.co.uk



For architectural grilles with rigid duct and flow control plenum, please see page 76. If installing with Radial semi-rigid duct and flow control plenum, turn to page 80.



Fascia, Curved, Gloss White Finish, 210x202mm

Code

TFF100-CF1W



Fascia, Curved, Silver Finish, 210x202mm

Code

TFF100-CF1S



Fascia, Curved, Brushed Metal Finish, 210x202mm

Code

TFF100-CF1BM



Fascia, Circular Indent, Gloss White Finish, 202x202mm

Code

TFF100-DT1W



Fascia, Circular Indent, Silver Finish, 202x202mm

Code

TFF100-DT1S



Axial 100mm, Wall Fixing Kit, Grille, Gravity Flaps for Frame and Hose

Code

1K

100mm (4") Mounts onto a wall

SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS

ULTRA QUIET

2 YEARS WARRANTY

COMPLIES WITH

ErP Directive

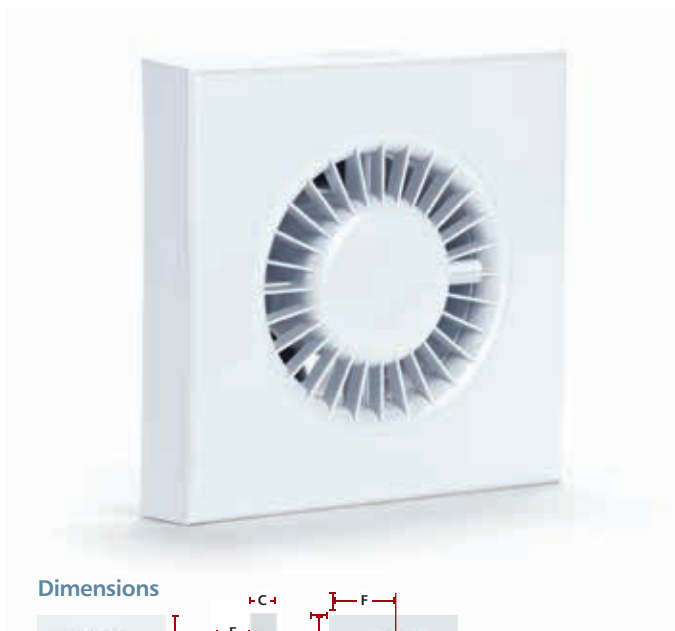


Building Regulations

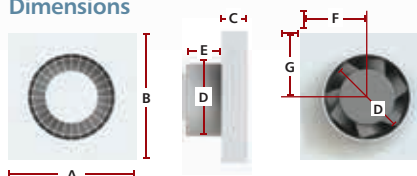


- Provides effective ventilation
- Extract rates comply with current Building Regulation requirements
- Quiet in operation

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
A: 166 B: 166 C: 35 D: 99 E: 45 F: 83 G: 83

Code	Timer	Pull Cord	Humidistat	PIR	SELV (12V)	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
SDF100B							22	80	16	0.6
SDF100BLV					✓		22	80	16	1.5*
SDF100PB							22	80	16	0.6
SDF100TB	✓						22	80	16	0.6
SDF100TBLV	✓				✓		22	80	16	1.5*
SDF100TBLVS	✓				✓	✓	22	80	16	1.5*
SDF100TBS	✓					✓	22	80	16	0.6
SDF100HTB	✓		✓				22	80	16	0.6
SDF100HTBLV	✓		✓		✓		22	80	16	1.5*
SDF100HBPCLV	✓	✓	✓		✓		22	80	16	1.5*
SDF100PIR	✓			✓			22	80	16	0.6

Code	Accessories
1K	Wall Fitting Kit
ANC710A	Chrome effect cover
SDF901WFK	Window fitting kit for 100mm SDF and SVC fans

100mm (4") Auto Shutter Mounts onto a wall

SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS



ULTRA QUIET



2 YEARS WARRANTY



COMPLIES WITH

ErP Directive



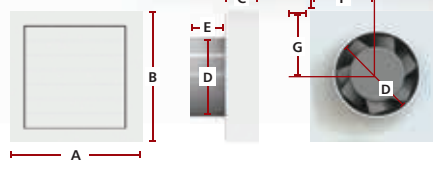
Building Regulations



- Automatic shutters prevent backdraught from entering bathroom or toilet
- Quiet in operation
- Shutters are operated mechanically on the pull cord version or via thermoactuator system on all other models

For technical information visit: www.domusventilation.co.uk

Dimensions



Measured in mm
A: 166 B: 166 C: 47 D: 99 E: 47 F: 83 G: 83



Code	Timer	Pull Cord	Humidistat	SELV (12V)	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
SVC100B					22	80	16	0.6
SVC100PB		✓			22	80	16	0.6
SVC100TB	✓				22	80	16	0.6
SVC100TBLV	✓			✓	22	80	16	1.5*
SVC100HTB	✓		✓		22	80	16	0.6

Code	Accessories
1K	Wall Fitting Kit
SDF901WFK	Window fitting kit for 100mm SDF and SVC fans

*Weight includes transformer.

Supporting your projects **FROM CONCEPT TO COMPLETION**

- ▶ Design support
- ▶ Nationwide sale coverage
- ▶ National distribution
- ▶ After sales support





150mm (6") Energy Efficient Mounts onto a wall

SUITABLE FOR



BATHROOM



KITCHEN



UTILITY ROOM



NEW BUILD & REPLACING FANS

COMPLIES WITH

ErP Directive



Building Regulations

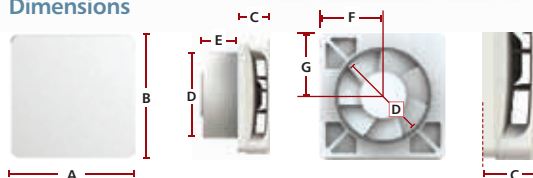


- Offers a very low SFP down to 0.48 (W/l/s)
- Quiet in operation
- Stylish fascia to fit interior design schemes

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
 A: 201 B: 201 C: 44 D: 150 E: 61 F: 100.5 G: 100.5



Code	Timer	Pull Cord	Humidistat	Extract Volume (l/s)	Extract Volume (m ³ /h)	Max Pressure (Pa)	Weight (kg)
GTF150-S				60	216	50	0.8
GTF150-PC		✓		60	216	50	0.8
GTF150-T	✓			60	216	50	0.8
GTF150-H	✓		✓	60	216	50	0.8

150mm (6")

Mounts onto a wall or window

SUITABLE FOR



COMPLIES WITH

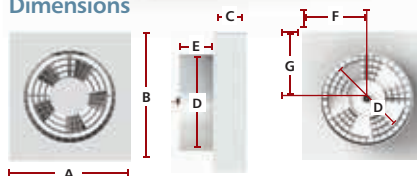


- Duct connection Ø155mm
- Provides effective ventilation
- Extract rates comply with current Building Regulation requirements
- Quiet in operation

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
 A: 212 B: 227 C: 50 D: 155 E: 53 F: 102.5 G: 110



Code	Timer	Humidistat	SELV	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
SDF150B					67	240	50	1.0
SDF150TB	✓	✓			67	240	50	1.0
SDF150TBLV	✓		✓		67	240	50	1.9*
SDF150HTB	✓	✓		✓	67	240	50	1.0

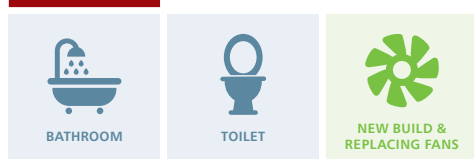
Code	Accessories
SDF911WFK	Window fitting kit for 150mm SDF and SVC fans

*Weight includes transformer.



100mm (4") Mounts in ceiling void/loft

SUITABLE FOR



COMPLIES WITH



- Offers a very low Specific Fan Power (SFP) down to 0.37 (W/l/s)
- Optional LED models available
- Quiet in operation
- Ideal for shorter duct runs and shower applications
- Duct kit options for easy installation

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
A: 130 B: 107 C: 155 D: 99 E: 57.5




Code	Timer Pack	Retail	Duct Kit	LED Light	Extract Volume (l/s)	Extract Volume (m ³ /h)	Max Pressure (Pa)	Weight (kg)
GLD100AC-SKR		✓	✓		23	83	28	0.6*
GLD100AC-TK	✓		✓		23	83	28	0.6*
GSV100ACTKWR (White)	✓	✓	✓	✓	23	83	28	0.6*
GSV100ACTKCR (Chrome)	✓	✓	✓	✓	23	83	28	0.6*


*Weight is fan only.

100mm (4") DVF Axial Kit Mounts in ceiling void/loft


SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS

COMPLIES WITH

ErP Directive ✓

Building Regulations ✓




- Concealed fan for discreet operation
- Quiet in operation
- Ideal for shorter duct runs and shower applications
- Duct kit options for easy installation

For technical information visit:
www.domusventilation.co.uk





ULTRA
QUIET

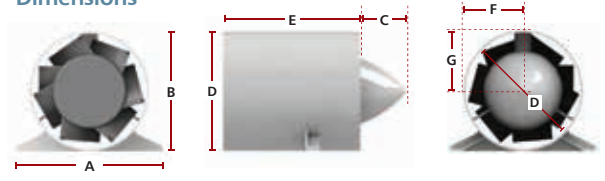


2
YEARS
WARRANTY



LED
OPTION

Dimensions



Measured in mm
A: 122 B: 103 C: 25 D: 99 E: 114 F: 49.5 G: 49.5







Code	Timer	DIY Kit	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
DVF802ET	✓	✓	17	62	23	0.6

100mm (4") SPV Axial Kit with LED Spotvent Mounts in ceiling void/loft


SUITABLE FOR



BATHROOM



TOILET




REPLACING FANS

COMPLIES WITH

ErP Directive ✓

Building Regulations ✓









Code	Timer	Duct Kit	LED Light	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
SPV801ETLED		✓	✓	17	62	23	0.6*
SPV802ETLED	✓	✓	✓	17	62	23	0.6*

*Weight includes fan only.

100mm (4") High Performance Vitalis Mixed Flow kit

Mounts in ceiling void/loft

SUITABLE FOR



COMPLIES WITH

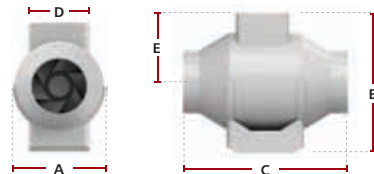
ErP Directive	✓
Building Regulations	✓

- LED grilles included in specified kits
- Very high air flow performance
- Concealed fan for discreet operation
- Quiet in operation
- Ideal for longer duct runs and shower applications
- Duct kit options enable easy installation

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
 A: 160 B: 195 C: 260 D: 96 E: 102



Code	Timer	Duct Kit	LED Light	Extract Volume (l/s)	Extract Volume (m ³ /h)	Max Pressure (Pa)	Weight (kg)
DVF832ET	✓	✓		High 44.4/Low 39.5	High 160/Low 142	116	1.45
SPV832ETLED	✓	✓	✓	High 44.4/Low 39.5	High 160/Low 142	116	1.45

*Weight includes fan only.

100mm (4") High Performance Mounts in ceiling void/loft

SUITABLE FOR



BATHROOM



UTILITY ROOM



REPLACING FANS

COMPLIES WITH

ErP Directive



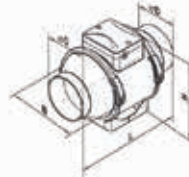
Building Regulations



- High air flow performance
- Concealed fan for discreet operation
- Quiet in operation
- Ideal for longer duct runs and shower applications
- Duct kit options enable easy installation



Dimensions



Measured in mm
D: 96 B: 167 H: 190 L: 246



2 YEARS WARRANTY

Code	Timer	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
VIT100B		High 53/Low 41	High 187/Low 145	133	1.45
VIT100TB	✓	High 53/Low 41	High 187/Low 145	133	1.45

150mm (6") High Performance Mounts in ceiling void/loft

SUITABLE FOR



BATHROOM



TOILET



KITCHEN



UTILITY ROOM



REPLACING FANS

- Very high air flow performance
- Concealed fan for discreet operation
- Quiet in operation
- Ideal for longer duct runs and shower applications

COMPLIES WITH

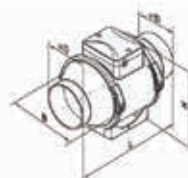
ErP Directive



Building Regulations



Dimensions



Measured in mm
D: 164 B: 223 H: 250 L: 295



2 YEARS WARRANTY

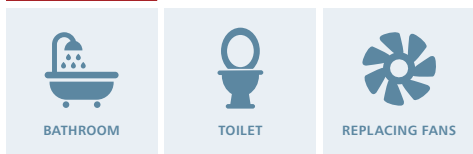
Code	Timer	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
VIT150B		High 144/Low 112	High 520/Low 405	265	2.65
VIT150TB	✓	High 144/Low 112	High 520/Low 405	265	2.65

*Weight includes fan only. For technical information visit: www.domusventilation.co.uk

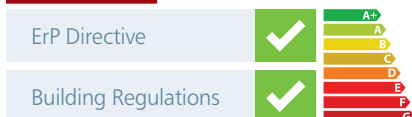


100mm (4") Mounts onto a wall or ceiling

SUITABLE FOR



COMPLIES WITH

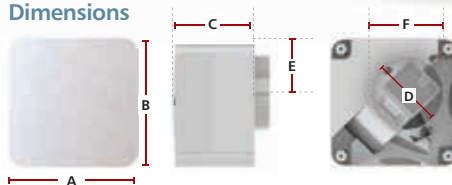


- Provides effective ventilation
- Extract rates comply with current Building Regulations requirements
- Quiet in operation
- Ideal for long duct runs
- Stylish fascia to fit interior design scheme

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
A: 170 B: 170 C: 110 D: 99 E: 72 F: 69



Code	Timer	Pull Cord	Humidistat	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
SCF100-S				22	78	107	0.85
SCF100-T	✓			22	78	107	0.85
SCF100-HPC	✓	✓	✓	22	78	107	0.85

Code	Accessories
SAPFD	Fire Damper Back Plate



100mm (4") Energy Efficient Mounts onto a wall or ceiling

SUITABLE FOR

BATHROOM

TOILET

NEW BUILD & REPLACING FANS

COMPLIES WITH

ErP Directive ✓

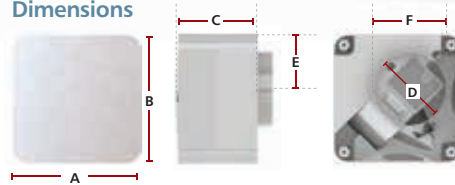
Building Regulations ✓

- Offers a very low Specific Fan Power (SFP) down to 0.39 (W/l/s)
- Quiet in operation
- Ideal for long duct runs upto 6m
- Stylish fascia to fit interior design scheme

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
 A: 170 B: 170 C: 110 D: 99 E: 72 F: 69


Code	Timer	Pull Cord	Humidistat	SELV (12V)	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
GCF100-S					✓	19	69	91	0.85
GCF100-T	✓				✓	19	69	91	0.85
GCF100LV-T	✓			✓	✓	20	69	91	0.95
GCF100LV-HPC	✓	✓	✓	✓	✓	20	69	91	0.95

Code	Accessories
SAPFD	Fire Damper Back Plate


100mm (4")

Mounts onto a wall or ceiling


SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS

COMPLIES WITH

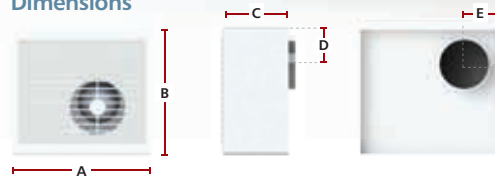
ErP Directive		
Building Regulations		



- Provides effective ventilation
- Quiet in operation
- Ideal for long duct runs upto 6m

For technical information visit:
www.domusventilation.co.uk

Dimensions



Measured in mm
 A: 216 B: 195 C: 98 D: 80/100 E: 32/57 F: 50

Need to source Data Sheet

Code	Timer	Pull Cord	Humidistat	PIR	SELV (12V)	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
CUR7001B							19	67	117	1.1
CUR7002B							19	67	117	1.1
CUR7003B							19	67	117	1.1
CUR7004B							19	67	117	1.1
CUR7005B							19	67	117	1.1
CUR9003LV							21	75	53	2.0*
CUR9004LV							21	75	53	2.0*

Code	Accessories
CURFD	Fire Damper Back Plate

*Weight includes transformer.

Fans Intro
 Axial Fans
 In-Line Fans
 Centrifugal Fans
 Fan Controls

100mm (4") Plug-In

Mounts onto a wall or ceiling with back box

SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS



COMPLIES WITH

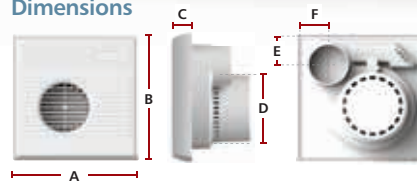
ErP Directive	✓
Building Regulations	✓

- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced
- Fan can only be installed with back box (existing or new)
- Provides effective ventilation
- Quiet in operation
- Ideal for long duct runs upto 6m

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
 A: 250 B: 250 C: 40 D: 90 E: 65 F: 65



Code	Timer	Pull Cord	Humidistat	PIR	SELV (12V)	dMEV Twin Speed	Back-draught shutter	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
MSS070B							✓	17	60	128	1.7
MPC070B		✓					✓	17	60	128	1.7
MTD070B	✓						✓	17	60	128	1.7
MTD070BLV	✓				✓		✓	20	73	49	3.5*
MCC070B	✓		✓				✓	17	60	128	1.7
MTS070B						✓	✓	19/13	68/46	124/27	1.7
MTT070B	✓					✓	✓	19/13	68/46	124/27	1.7

Code	Accessories
MAY905A	Front Cover
MAY904A	Surface Installation Back Box, Plastic

Code	Accessories
MAY905B	Building In Wall Back Box
MAY906A	Surface Installation Back Box, Metal
MAYFD	Fire Damper Back Plate

*Weight includes transformer.

100mm (4") Plug-In Compact Mounts onto a wall or ceiling with back box

SUITABLE FOR



BATHROOM



TOILET



REPLACING FANS



ULTRA QUIET



2 YEARS WARRANTY

COMPLIES WITH

ErP Directive



Building Regulations

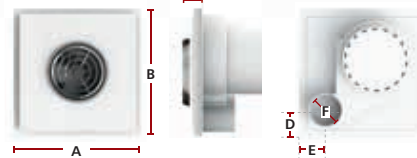


- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced
- Fan can only be installed with back box (existing or new)
- Compact for easier and discreet installation
- Quiet in operation
- Ideal for long duct runs upto 6m
- MAY102B and MAY202B intermittent fans
- MAY402B continuous running fan with boost

For technical information visit:
www.domusventilation.co.uk



Dimensions



Measured in mm
A: 250 B: 250 C: 40 D: 60 E: 60 F: 68



Code	Timer	Twin Speed	Extract Volume (l/s)	Extract Volume (m³/h)	Max Pressure (Pa)	Weight (kg)
MAY102B			18	66	119	1.5
MAY202B	✓		18	66	119	1.5
MAY402B	✓	✓	18/10	65/37	70	1.5

Code	Accessories
MAY907A	Building In Wall Back Box
MAY906A	Surface Installation Back Box, Metal
MAYFD	Fire Damper Back Plate

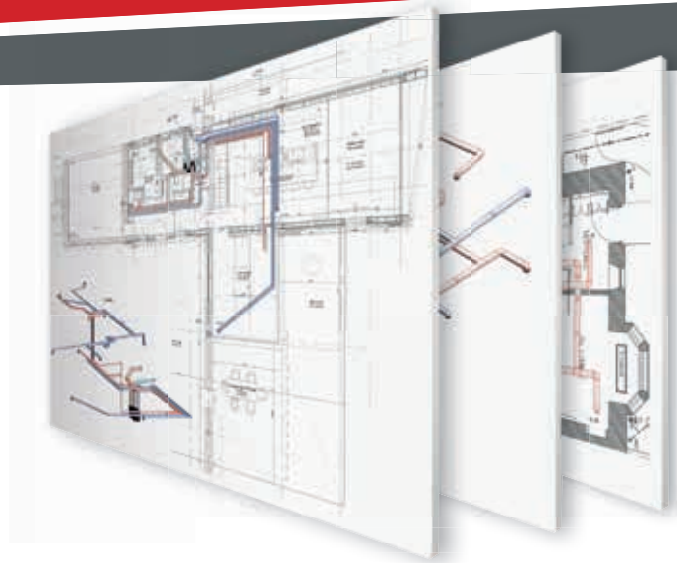
CONTACT DOMUS VENTILATION FOR A **FREE OF CHARGE** MVHR AND MEV TECHNICAL DRAWING SERVICE!

Domus Ventilation have a dedicated, in-house Technical team offering a range of services from duct take-off's and estimations, to Revit MVHR and MEV drawings. You will be met with ongoing support throughout your project, from initial enquiry through to a detailed delivery plan which suits you.

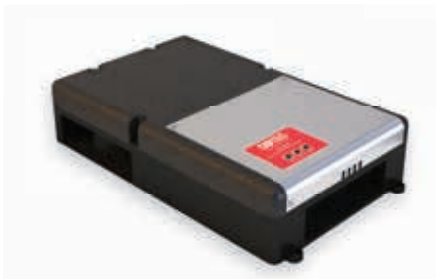
And the best part is, these services are completely **free of charge!**

Send us your project details and receive:

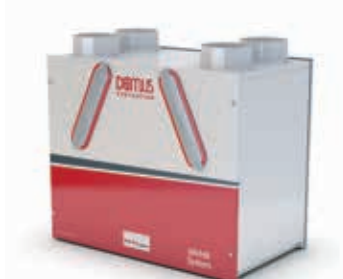
- ▶ An assigned Estimator/Designer who will become your direct point of contact
- ▶ **FREE OF CHARGE** drawings available in AutoCAD or Revit
- ▶ A full Bill of Materials
- ▶ Scheduled, nation-wide delivery
- ▶ Ongoing technical support when our kit is on site



**Mechanical Extract Ventilation,
CMX-MULTI unit**



**Mechanical Ventilation with
Heat Recovery, HRXE unit**



**Domus Ventilation also offer
BPEC approved facilities for
installer training.**

Enquire now for course dates at our 3
Professional Development Centres!



Contact us:

Tel 03443 715 523 | vent.projects@domusventilation.co.uk | www.domusventilation.co.uk

Control Options



Allows for simple fan operation

- Ideal for mechanical extract appliances designed for remote switch operation
- In keeping with conventional wall furniture
- Can be flush or surface mounted using a standard single pattress box

For technical information visit: www.domusventilation.co.uk



Humidistat with Overrun Timer Switch

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Timer adjustable between 2-25 minutes. W89mm x H89mm x D54mm* 5 amps

Code
ANC802A

PIR Switch with Overrun Timer Switch

Activates by detecting movement. Detection distance of up to 5 metres. Timer adjustable between 2-25 minutes. W89mm x H89mm x D54mm* 5 amps

Code
ANC813A

Humidistat with Pull Cord and Timer Switch

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Neon indicator and pull cord override. W89mm x H89mm x D54mm* 5 amps

Code
ANC808A

Overrun Timer Switch

Adjustable time delay between 2-25 minutes after the light switch has been turned off. W89mm x H89mm x D54mm* 5 amps

Code
ANC108A

Duct Mounted Humidistat with Remote Sensor and Overrun Timer Switch

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Timer adjustable between 2-25 minutes. W89mm x H89mm x D54mm* 5 amps

Code
ANC846A

Two Speed Rocker Switch

Provides two speed operation for twin speed fans. W89mm x H89mm x D54mm* 5 amps

Code
ANC812A

*Includes 35mm surface mounted pattress box (supplied).

Section 6 | Duct Systems

Our Domus range offers the most comprehensive selection of high quality plastic ducting available in the industry. The range includes six profile sizes of rigid ducting to allow customers to select the most suitable system based on the dwelling type and installation requirements.

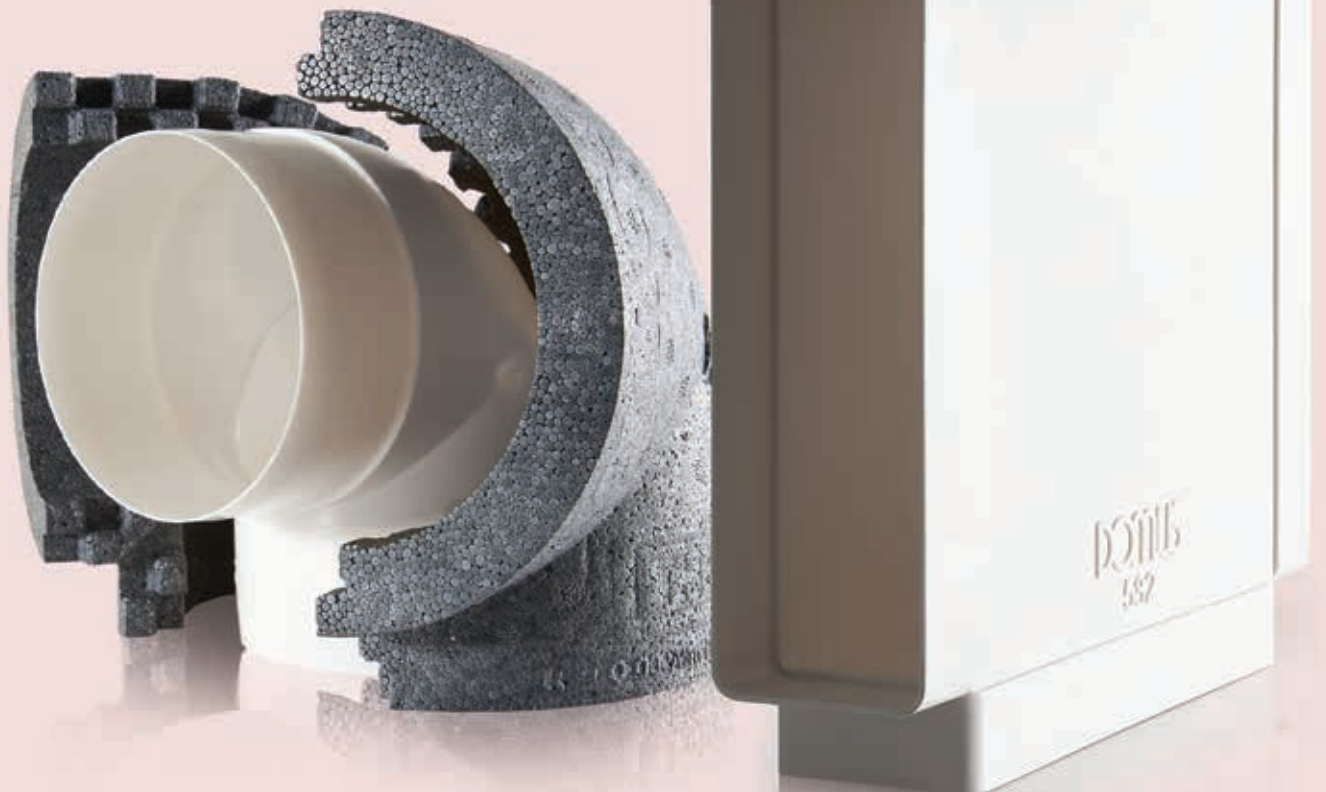
Rigid Duct Overview

As a branch based system, rigid duct is ideal for new build or for where space isn't restricted and can be used with MVHR, MEV, dMEV or intermittent extract.

Our market leading Domus rigid duct range is available in 6 different profiles to suit any application and comes with a full set of adapters to enable a simple or complex system as required.

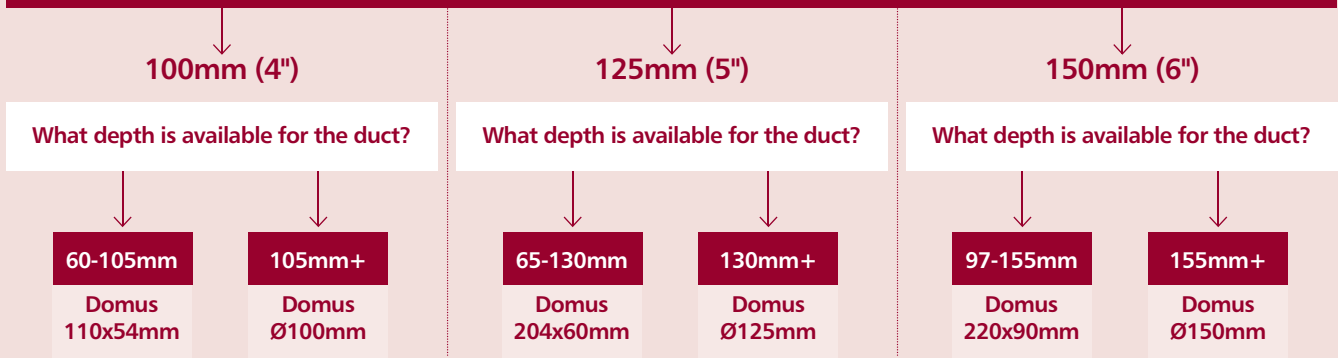
Designed to offer high levels of air tightness and system efficiency, Domus rigid duct systems are also supported by patented duct insulation, fire stopping & sound attenuation components as shown in more detail on pages 78-83.

Unique to the range are our high efficiency duct bends, designed to reduce duct resistance and overall system energy usage, in addition to innovative flow control plenums, engineered to allow connection to a range of stylish architectural grilles. Read more on page 80.




Rigid Duct Profile Selector

Appliance duct connection size



When a profile has been specified and the duct layout designed, the system resistance must be calculated to ensure that the appliance has sufficient power to more than match the resistance of the complete system.

Suitable Application

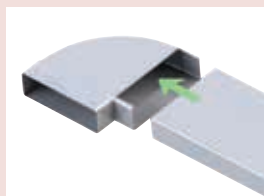
	Size	Range	Free Area	Application
Rectangular				
	110x54mm	System 100	5,300mm ²	Bathroom, toilet, utility room and kitchen
	204x60mm	Supertube	11,200mm ²	Bathroom, toilet, utility room, kitchen and whole house
	220x90mm	Megaduct	17,968mm ²	Kitchen, commercial and whole house
Round				
	Ø100mm	EasiPipe 100	7,850mm ²	Bathroom, toilet and utility room
	Ø125mm	EasiPipe 125	12,266mm ²	Bathroom, toilet, utility room, kitchen and whole house
	Ø150mm	EasiPipe 150	17,263mm ²	Kitchen, commercial and whole house



Where components are listed with one of three connection profiles; Male, Female or Duct.



Male:
The fitting will fit inside duct.

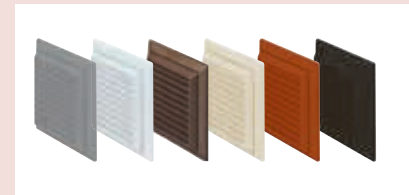


Female:
The fitting will fit around duct.



Duct:
The connection profile is the same as the duct and may need a Female or Male straight connector to couple to duct.

Where fittings are available in different colours:



Colour	RAL Reference and Title	
○ White	Traffic White	RAL 9016
● Brown	Nut Brown	RAL 8011
● Cotswold	Ivory	RAL 1014
● Terracotta	Copper Brown	RAL 8004
● Black	Traffic Black	RAL 9017
● Grey	Telegrey 2	RAL 7046

**110x54mm
System 100**



Free Area 5,300mm²

**204x60mm
System 125**



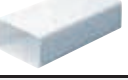
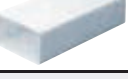



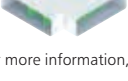





Free Area 11,200mm²

**220x90mm
System 220**



Free Area 17,968mm²

Duct Description	Code		Connection
	Boxed	Retail Pack	
Duct - 0.5m			
 DD005	N/A		Duct
Duct - 1m			
 DD010	40010		Duct
Duct - 1.5m			
 DD015	N/A		Duct
Duct - 2m			
 D1-2000	N/A		Duct
Duct - Connector - Straight			
 DD020	40020		Female
Duct - Connector - Straight - Damper			
 DD027	N/A		Female
Duct - Connector - Universal			
 N/A	N/A		N/A
Duct - High Efficiency - Bend - Horizontal 90°			
 N/A	N/A		N/A
For more information, see page 77.			
Duct - Bend - Horizontal 90°			
 DD050	40050		Female
Duct - Bend - Horizontal 45°			
 DD055	40055		Female
Duct - T Piece - Horizontal			
 DD080	40080		Female

Code	Retail Pack		Connection
	Boxed	Retail Pack	
N/A	N/A		Duct
510	50510		Duct
515	N/A		Duct
D3-2000	N/A		Duct
520	50520		Female
527	N/A		Female
5B303	N/A		Male
550-GL	N/A		Female
550	50550		Female
555	50555		Female
582	50582		Female

Code	Retail Pack		Connection
	Boxed	Retail Pack	
N/A	N/A		Duct
910	N/A		Duct
915	N/A		Duct
D4-2000	N/A		Duct
920	N/A		Female
927	N/A		Female
N/A	N/A		N/A
950-GL	N/A		Female
950	N/A		Female
955	N/A		Female
982	N/A		Female

**110x54mm
System 100**



Free Area 5,300mm²

**204x60mm
System 125**










Free Area 11,200mm²

**220x90mm
System 220**







Free Area 17,968mm²

Duct

Description	Code		Connection
	Boxed	Retail Pack	
Duct - Bend - Vertical 90°			
	DD060	40060	Female
Duct - Bend - Vertical 45°			
	DD075	40075	Female
Duct - End Cap			
	DD018	N/A	Male
Duct - Wall Plate - White			
	115-4	40115	N/A
Duct - Wall Plate - Brown			
	N/A	N/A	N/A
Duct - Wall Plate - Cotswold			
	N/A	N/A	N/A
Duct - Wall Plate - Terracotta			
	N/A	N/A	N/A

Duct Fixings

Description	Code		Connection
	Boxed	Retail Pack	
Duct Clip			
	122-4	40122	N/A
Duct Clip*			
	N/A	N/A	N/A
*Two components per fitting required			
SD-SCREW			
	SD-SCREW	N/A	N/A
D-TIE			
	D-TIE	N/A	N/A

Duct

Code	Retail Pack		Connection
	Boxed	Retail Pack	
Duct - Bend - Vertical 90°			
560	50560		Female
Duct - Bend - Vertical 45°			
575	50575		Female
Duct - End Cap			
518	N/A		Male
Duct - Wall Plate - White			
115-5W	N/A		N/A
Duct - Wall Plate - Brown			
115-5B	N/A		N/A
Duct - Wall Plate - Cotswold			
115-5C	N/A		N/A
Duct - Wall Plate - Terracotta			
115-5T	N/A		N/A

Duct Fixings

Code	Retail Pack		Connection
	Boxed	Retail Pack	
Duct Clip			
N/A	N/A		N/A
Duct Clip*			
522*	50522*		N/A
SD-SCREW			
SD-SCREW	N/A		N/A
D-TIE			
D-TIE	N/A		N/A

Duct

Code	Retail Pack		Connection
	Boxed	Retail Pack	
Duct - Bend - Vertical 90°			
960	N/A		Female
Duct - Bend - Vertical 45°			
975	N/A		Female
Duct - End Cap			
N/A	N/A		N/A
Duct - Wall Plate - White			
115-6	N/A		N/A
Duct - Wall Plate - Brown			
N/A	N/A		N/A
Duct - Wall Plate - Cotswold			
N/A	N/A		N/A
Duct - Wall Plate - Terracotta			
N/A	N/A		N/A

Duct Fixings

Code	Retail Pack		Connection
	Boxed	Retail Pack	
Duct Clip			
N/A	N/A		N/A
Duct Clip*			
922*	N/A		N/A
SD-SCREW			
SD-SCREW	N/A		N/A
D-TIE			
D-TIE	N/A		N/A

**110x54mm
System 100**



Free Area 5,300mm²

**204x60mm
System 125**



Free Area 11,200mm²

**220x90mm
System 220**



Free Area 17,968mm²

Duct Insulation

Description	Code		Connection
	Boxed	Retail Pack	
Thermal Duct Insulation - 1m	N/A	N/A	N/A
Thermal Duct Insulation - Horizontal 90° Bend	N/A	N/A	N/A
Thermal Duct Insulation - Horizontal 45° Bend	N/A	N/A	N/A
Thermal Duct Insulation - Horizontal T Piece	N/A	N/A	N/A
Thermal Duct Insulation - Vertical 45° Bend	N/A	N/A	N/A
Thermal Duct Insulation - Fixed Spigot Ø125mm Plenum	N/A	N/A	N/A
PVC Coated - Steel Fastening Strap - 10m Roll - White	TS22	N/A	N/A
Galvanised - Steel Fastening Strap - 10m Roll	TS22G	N/A	N/A

Code	Connection		
	Boxed	Retail Pack	
Outside Dimension 252x108mm	TS510	N/A	N/A
TS550	N/A	N/A	
TS555	N/A	N/A	
TS582	N/A	N/A	
TS575	N/A	N/A	
TS540	N/A	N/A	
TS22	N/A	N/A	
TS22G	N/A	N/A	

Code	Connection		
	Boxed	Retail Pack	
Outside Dimension 268x138mm	TS910	N/A	N/A
TS950	N/A	N/A	
TS955	N/A	N/A	
TS982	N/A	N/A	
TS975	N/A	N/A	
TS961	N/A	N/A	
TS22	N/A	N/A	
TS22G	N/A	N/A	



The Domus Thermal range complies with Building Regulations and is LABC registered, for more information, see page 80.

Insulation - Sheet - 1m x 1.2m			
	10TP12	N/A	N/A

10TP12	N/A	N/A
--------	-----	-----

10TP12	N/A	N/A
--------	-----	-----

Insulation sheet does not form part of the Domus Thermal range. For further information on regulation compliance, please call us on 03443 715523.

Duct Sound Attenuation

Description	Code		Connection
	Boxed	Retail Pack	
Duct - Sound Attenuators - Microban - 0.5m	N/A	N/A	N/A

Code	Connection	
	Boxed	Retail Pack
5SL-500	N/A	Duct

Code	Connection	
	Boxed	Retail Pack
9SL-500	N/A	Duct



110x54mm System 100



Free Area 5,300mm²

204x60mm System 125





Free Area 11,200mm²

220x90mm System 220





Free Area 17,968mm²

Fire Compartment Integrity			
Description	Code		Connection
	Boxed	Retail Pack	
FireBrake+ Sleeves - Horizontal			
	N/A	N/A	N/A
Fire Sleeves - Horizontal			
	DFS110	N/A	Female Up to 120min fire resistance

Code			Connection
Boxed	Retail Pack		
FireBrake+ Sleeves - Horizontal			
FBS20460H	N/A		Female Up to 120min fire resistance
Fire Sleeves - Horizontal			
DFS204	N/A		Female Up to 90min fire resistance



Code			Connection
Boxed	Retail Pack		
FireBrake+ Sleeves - Horizontal			
FBS22090H	N/A		Female Up to 120min fire resistance
Fire Sleeves - Horizontal			
DFS220	N/A		Female Up to 60min fire resistance

For more information on Domus fire stopping solutions, see page 82.
For intumescent, fire resistant sealant, DDSEAL, see page 85.

Flexible Hose			
Description	Code		Connection
	Boxed	Retail Pack	
Hose - 0.5m			
	3305	40335	Female
Hose - 3m			
	333	N/A	Female



Code			Connection
Boxed	Retail Pack		
Hose - 0.5m			
5305	N/A		Female
Hose - 3m			
533	N/A		Female

Code			Connection
Boxed	Retail Pack		
Hose - 0.5m			
9305	N/A		Female
Hose - 3m			
933	N/A		Female

Flexible Hose Connectors			
Description	Code		Connection
	Boxed	Retail Pack	
Hose - Connector - 0.1m			
	381	N/A	Duct
Hose - Connector - 0.14m			
	N/A	N/A	N/A

Code			Connection
Boxed	Retail Pack		
Hose - Connector - 0.1m			
581	N/A		Duct
Hose - Connector - 0.14m			
N/A	N/A		N/A

Code			Connection
Boxed	Retail Pack		
Hose - Connector - 0.1m			
N/A	N/A		N/A
Hose - Connector - 0.14m			
981	N/A		Duct

Internal Duct Terminals			
Description	Code		Connection
	Boxed	Retail Pack	
Air Valve - Adapter - Flow Control - For Single Fix Commissioning			
	N/A	N/A	N/A
Air Valve - Adapter			
	DD040	N/A	Female/Male

Code			Connection
Boxed	Retail Pack		
Air Valve - Adapter - Flow Control - For Single Fix Commissioning			
540-FC	N/A		Female/Male
Air Valve - Adapter			
540	N/A		Female/Male

Code			Connection
Boxed	Retail Pack		
Air Valve - Adapter - Flow Control - For Single Fix Commissioning			
N/A	N/A		N/A
Air Valve - Adapter			
961	N/A		Female/Male

For more information, see page 76.

110x54mm System 100

Free Area 5,300mm²

204x60mm System 125

Free Area 11,200mm²

220x90mm System 220

Free Area 17,968mm²

External Wall Duct Terminals									
Description	Code		Connection	Code		Connection	Code		Connection
	Boxed	Retail Pack		Boxed	Retail Pack		Boxed	Retail Pack	
Outlet - Airbrick - Adapter - 110x54-204x60mm									
	DD077	40077	Male/Duct	N/A	N/A	N/A	N/A	N/A	N/A
Typically installed with a 505 or 501 or 55015.									
Outlet - Airbrick - White - H70xW210xD62mm									
	N/A	N/A	N/A	505W	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Brown - H70xW210xD62mm									
	N/A	N/A	N/A	505B	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Cotswold - H70xW210xD62mm									
	N/A	N/A	N/A	505C	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Terracotta - H70xW210xD62mm									
	N/A	N/A	N/A	505T	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Grey - H60xW204mm									
	N/A	N/A	N/A	505G	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Black - H70xW210xD62mm									
	N/A	N/A	N/A	505BK	N/A	Female	N/A	N/A	N/A
Outlet - Airbrick - Damper - White - H69xW210xD56mm									
	N/A	N/A	N/A	501W	N/A	Male	N/A	N/A	N/A
Outlet - Airbrick - Damper - Brown - H69xW210xD56mm									
	N/A	N/A	N/A	501B	N/A	Male	N/A	N/A	N/A
Outlet - Airbrick - Damper - Cotswold - H69xW210xD56mm									
	N/A	N/A	N/A	501C	N/A	Male	N/A	N/A	N/A
Outlet - Airbrick - Damper - Terracotta - H69xW210xD56mm									
	N/A	N/A	N/A	501T	N/A	Male	N/A	N/A	N/A

110x54mm System 100



Free Area 5,300mm²

204x60mm System 125













Free Area 11,200mm²

220x90mm System 220



Free Area 17,968mm²

External Wall Duct Terminals

Description	Code		Connection
	Boxed	Retail Pack	
Outlet - Airbrick - Damper - Wall Plate - White - H69xW210xD56mm 	N/A	N/A	N/A
Outlet - Airbrick - Damper - Wall Plate - Brown - H69xW210xD56mm 	N/A	N/A	N/A
Outlet - Airbrick - Adapter - 204x60-220x90mm  Typically installed with a 977 and 905.	N/A	N/A	N/A
Outlet - Double Airbrick - Adapter  Typically installed with a 905 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - White - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - Grey - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - Brown - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - Cotswold - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - Terracotta - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A
Outlet - Airbrick - Double - Black - H140xW250xD75mm  Typically installed with a 977 and if adapting from 204x60mm, a 957.	N/A	N/A	N/A

Code	Connection	
	Boxed	Retail Pack
N/A	55015W	Male
N/A	55015B	Male
957	N/A	Female/Duct
N/A	N/A	Airbrick /Female
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Code	Connection	
	Boxed	Retail Pack
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
977	N/A	Female/Male
905W	905WX2R	Female
905G	N/A	Female
905B	905BX2R	Female
905C	905CX2R	Female
905T	905TX2R	Female
905BK	N/A	Female

110x54mm System 100




Free Area 5,300mm²

204x60mm System 125









Free Area 11,200mm²

220x90mm System 220



Free Area 17,968mm²

External Wall Duct Terminals									
Description	Code		Connection	Code	Connection		Code	Connection	
	Boxed	Retail Pack			Boxed	Retail Pack		Boxed	Retail Pack
Outlet - Gravity Flaps - White - H155xW155xD30mm									
	4901W	44910W*	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Gravity Flaps - Brown - H155xW155xD30mm									
	4901B	44910B*	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Gravity Flaps - Cotswold - H155xW155xD30mm									
	4901C	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Gravity Flaps - Terracotta - H155xW155xD30mm									
	4901T	44910T*	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Cowled Damper - White - H155xW155xD100mm									
	4903W	44932W*	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Cowled Damper - Brown - H155xW155xD100mm									
	4903B	44932B*	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Louvered Grille - White - H155xW155xD40mm									
	4905W	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Louvered Grille - Brown - H155xW155xD40mm									
	4905B	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Louvered Grille - Cotswold - H155xW155xD40mm									
	4905C	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Outlet - Louvered Grille - Terracotta - H155xW155xD40mm									
	4905T	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A

*Rectangular and round connections – fit directly to either 110x54mm or Ø100mm systems.

110x54mm System 100

Free Area 5,300mm²

204x60mm System 125

Free Area 11,200mm²

220x90mm System 220

Free Area 17,968mm²

External Wall Duct Terminals			
Description	Code		Connection
	Boxed	Retail Pack	
Outlet - Louvered Grille - Flyscreen - White - H155xW155xD40mm			
	F4905W	44954W*	Male
Outlet - Louvered Grille - Flyscreen - Brown - H155xW155xD40mm			
	F4905B	44954B*	Male
Outlet - Louvered Grille - Flyscreen - Cotswold - H155xW155xD40mm			
	F4905C	N/A	Male
Outlet - Soil Roof - Vent Cowl Ancillary Component - White - 110mm			
	4110W	N/A	Male
Outlet - Soil Roof - Vent Cowl Ancillary Component - Brown - 110mm			
	4110B	N/A	Male
Outlet - Soil Roof - Vent Cowl Ancillary Component - Grey - 110mm			
	4110G	N/A	Male

Code			Connection
Boxed	Retail Pack		
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	

Code			Connection
Boxed	Retail Pack		
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	

*Rectangular and round connections – fit directly to either 110x54mm or Ø100mm systems.



- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

Ø100mm EasiPipe 100



Free Area 7,850mm²

Ø125mm EasiPipe 125














Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

Description	Code		Connection
	Boxed	Retail Pack	
Duct			
Duct - 0.25-0.45m - Telescopic Assembly			
	130-4	N/A	N/A
Duct - 0.35m			
	135-4	40135	Duct
Duct - 1m			
	1100-4	41100	Duct
Duct - 1m - Sleeve			
	2100-4	N/A	N/A
Duct - 2m			
	1200-4	N/A	Duct
Duct - Connector - Straight			
	493	40493	Male
Duct - Connector - Straight - Damper			
	494	40494	Male
Duct - Connector - Straight - Damper & Wall Plate			
	495	N/A	Male
Duct - Bend - Horizontal 90°			
	490	40490	Male
Duct - Bend - Horizontal 45°			
	491	40491	Male
Duct - T Piece - Horizontal			
	492	40492	Male

Code	Connection	
	Boxed	Retail Pack
Duct		
Duct - 0.25-0.45m - Telescopic Assembly		
130-5	N/A	N/A
Duct - 0.35m		
135-5	50135	Duct
Duct - 1m		
1100-5	51100	Duct
Duct - 1m - Sleeve		
2100-5	N/A	N/A
Duct - 2m		
1200-5	N/A	Duct
Duct - Connector - Straight		
593	50593	Male
Duct - Connector - Straight - Damper		
594	50594	Male
Duct - Connector - Straight - Damper & Wall Plate		
595	N/A	Male
Duct - Bend - Horizontal 90°		
590	50590	Male
Duct - Bend - Horizontal 45°		
591	50591	Male
Duct - T Piece - Horizontal		
592	50592	Male

Code	Connection	
	Boxed	Retail Pack
Duct		
Duct - 0.25-0.45m - Telescopic Assembly		
130-6	N/A	N/A
Duct - 0.35m		
135-6	N/A	Duct
Duct - 1m		
1100-6	N/A	Duct
Duct - 1m - Sleeve		
2100-6	N/A	N/A
Duct - 2m		
1200-6	N/A	Duct
Duct - Connector - Straight		
693	N/A	Male
Duct - Connector - Straight - Damper		
694	N/A	Male
Duct - Connector - Straight - Damper & Wall Plate		
695	N/A	Male
Duct - Bend - Horizontal 90°		
690	N/A	Male
Duct - Bend - Horizontal 45°		
691	N/A	Male
Duct - T Piece - Horizontal		
692	N/A	Male

Ø100mm EasiPipe 100




Free Area 7,850mm²

Ø125mm EasiPipe 125






Free Area 12,266mm²

Ø150mm EasiPipe 150





Free Area 17,263mm²

Duct			
Description	Code		Connection
	Boxed	Retail Pack	
Duct - Y Piece			
	499	N/A	Male
Duct - Y Piece - White Metal			
	N/A	N/A	N/A
Duct - Wall Plate			
	114-4	40114	N/A



Duct		
Code	Connection	
	Boxed	Retail Pack
Duct - Y Piece		
N/A	N/A	N/A
Duct - Y Piece - White Metal		
599M	N/A	Male
Duct - Wall Plate		
114-5	N/A	N/A

Duct		
Code	Connection	
	Boxed	Retail Pack
Duct - Y Piece		
N/A	N/A	N/A
Duct - Y Piece - White Metal		
699M	N/A	Male
Duct - Wall Plate		
114-6	N/A	N/A

Duct Fixings			
Description	Code		Connection
	Boxed	Retail Pack	
Duct Clip			
	496	40496	N/A
SD-SCREW			
	SD-SCREW	N/A	N/A

Duct Fixings		
Code	Connection	
	Boxed	Retail Pack
Duct Clip		
596	50596	N/A
SD-SCREW		
SD-SCREW	N/A	N/A

Duct Fixings		
Code	Connection	
	Boxed	Retail Pack
Duct Clip		
696	N/A	N/A
SD-SCREW		
SD-SCREW	N/A	N/A

Condensation Control			
Description	Code		Connection
	Boxed	Retail Pack	
Duct - Condensation Trap with Overflow			
	297	N/A	N/A
Duct - Condensation Trap with Overflow			
Image coming soon	397	N/A	N/A
Duct - Condensation Trap with Overflow			
	497	40497	Male/Female

Condensation Control		
Code	Connection	
	Boxed	Retail Pack
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A

Condensation Control		
Code	Connection	
	Boxed	Retail Pack
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A
Duct - Condensation Trap with Overflow		
N/A	N/A	N/A

- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

The Domus Thermal range complies with Building Regulations and is LABC registered, for more information, see page 80.



Ø100mm EasiPipe 100

Free Area 7,850mm²

Ø125mm EasiPipe 125

Free Area 12,266mm²

Ø150mm EasiPipe 150

Free Area 17,263mm²

Duct Insulation			
Description	Code		Connection
	Boxed	Retail Pack	
Thermal Duct Insulation - 1m -Outside Dimension Ø146mm			
	TS1100-4	N/A	N/A
Thermal Horizontal 90° Bend Duct Insulation			
	TS490	N/A	N/A
Thermal Horizontal 45° Bend Duct Insulation			
	TS491	N/A	N/A
Thermal Horizontal T Piece Duct Insulation			
	TS492	N/A	N/A
PVC Coated - Steel Fastening Strap - 10m Roll - White			
	TS22	N/A	N/A
Galvanised - Steel Fastening Strap - 10m Roll			
	TS22G	N/A	N/A
Insulation - Sheet - 1m x 1.2m			
	10TP12	N/A	N/A

Code			Connection
Boxed	Retail Pack		
Outside Dimension Ø171mm			
TS1100-5	N/A	N/A	
TS590	N/A	N/A	
TS591	N/A	N/A	
TS592	N/A	N/A	
TS22	N/A	N/A	
TS22G	N/A	N/A	
10TP12	N/A	N/A	

Code		Connection
Boxed	Retail Pack	
Outside Dimension Ø197mm		
TS1100-6	N/A	N/A
TS690	N/A	N/A
TS691	N/A	N/A
TS692	N/A	N/A
TS22	N/A	N/A
TS22G	N/A	N/A
10TP12	N/A	N/A

Insulation sheet does not form part of the Domus Thermal range. For further information on regulation compliance, please call us on 03443 715523.

Fire Compartment Integrity			
Description	Code		Connection
	Boxed	Retail Pack	
FireBrake+ Sleeve - Horizontal			
	FBS100H	N/A	Female Up to 120min fire resistance
Fire Sleeve - Horizontal			
	DFS100	N/A	Female up to 120 mins fire resistance
Fire Collar - Vertical			
	DFSV100	N/A	Female up to 240 mins fire resistance

Code		Connection
Boxed	Retail Pack	
FBS125H	N/A	Female Up to 120min fire resistance
DFS125	N/A	Female Up to 90min fire resistance
DFSV125	N/A	Female Up to 240min fire resistance

Code		Connection
Boxed	Retail Pack	
FBS150H	N/A	Female Up to 120min fire resistance
N/A	N/A	N/A
DFSV150	N/A	Female Up to 60min fire resistance

For more information on Domus fire stopping solutions, see page 82.

Ø100mm EasiPipe 100



Free Area 7,850mm²

Ø125mm EasiPipe 125






Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

Flexible Hose			
Description	Code		Connection
	Boxed	Retail Pack	
Hose - 1m			
	361	40361	Female
Hose - 2m			
	362	N/A	Female
Hose - 3m			
	363	40363	Female
Hose - 6m			
	366	N/A	Female
Hose - 15m			
	3615	N/A	Female
Hose - 45m			
	3645	N/A	Female
Hose - 45me - Insulated - 10m			
	4210	N/A	Female
Aluminium/Polyester Hose - 3m			
	3133	N/A	Female
Aluminium/Polyester Hose - 6m			
	3136	N/A	Female
Aluminium/Polyester Hose - 10m			
	31310	N/A	Female

Code	Connection	
	Boxed	Retail Pack
561	50561	Female
N/A	N/A	N/A
563	50563	Female
566	N/A	Female
5615	N/A	Female
N/A	N/A	N/A
5210	N/A	Female
5133	N/A	Female
5136	N/A	Female
51310	N/A	Female

Code	Connection	
	Boxed	Retail Pack
661	N/A	Female
N/A	N/A	N/A
663	N/A	Female
666	N/A	Female
6615	N/A	Female
N/A	N/A	N/A
6210	N/A	Female
6133	N/A	Female
6136	N/A	Female
N/A	N/A	N/A

- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

Ø100mm EasiPipe 100



Free Area 7,850mm²

Ø125mm EasiPipe 125






Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²





Flexible Hose Connectors

Description	Code		Connection
	Boxed	Retail Pack	
Hose - Connector - 0.1m			
	380	N/A	Male
Hose - Connector - Threaded - Socket			
	126-4	40126	Female
Hose - Connector - Threaded - Spigot			
	124-4	40124	Male

Code	Connection	
	Boxed	Retail Pack
580	N/A	Male
126-5	50126	Female
N/A	N/A	N/A

Code	Connection	
	Boxed	Retail Pack
680	N/A	Male
126-6	N/A	Female
N/A	N/A	N/A



Aluminium Duct

Description	Code		Connection
	Boxed	Retail Pack	
Aluminium Duct - 0.3m			
	403203	N/A	Female
Aluminium Duct - 1.5m			
	403215	N/A	Female
Aluminium Duct - 3m			
	403230	N/A	Female
Aluminium Duct Clip			
	127-4	40127	N/A

Code	Connection	
	Boxed	Retail Pack
503203	N/A	Female
503215	N/A	Female
503230	N/A	Female
127-5	50127	N/A

Code	Connection	
	Boxed	Retail Pack
603203	N/A	Female
603215	N/A	Female
603230	N/A	Female
127-6	N/A	N/A

Insulated Hose and Aluminium Duct Fixings

Description	Code		Connection
	Boxed	Retail Pack	
Hose Clip			
	125-4	40125	90-110mm
Hose Clip - Universal			
	125-UNI	N/A	65-215mm

Code	Connection	
	Boxed	Retail Pack
125-5	50125	110-130mm
125-UNI	N/A	65-215mm


Code	Connection	
	Boxed	Retail Pack
125-6	N/A	140-160mm
125-UNI	N/A	65-215mm

Ø100mm EasiPipe 100




Free Area 7,850mm²

Ø125mm EasiPipe 125











Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

Internal Duct Terminals									
Description	Code		Connection	Code		Connection	Code		Connection
	Boxed	Retail Pack		Boxed	Retail Pack		Boxed	Retail Pack	
Air Valve - Extract or Supply									
	136-04	N/A	Male	136-05	N/A	Male	136-06	N/A	Male
Air Valve - Extract or Supply - Suspended Ceiling									
	136-24	40136	Male	136-25	50136	Male	136-26	N/A	Male
Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated									
	136FR-24M	N/A	Male	136FR-25M	N/A	Male	136FR-26M	N/A	Male
Spotvent Ceiling LED Light Grille - suitable for all sizes									
	SPV801TWCG	N/A	N/A	SPV801TWCG	N/A	N/A	SPV801TWCG	N/A	N/A
Diffuser - Multi-Directional - Environment Filter - White									
	4908F	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Accessory: Spare Environmental Filter									
	40AF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Accessory: Pollen Filter									
	40AFP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Diffuser - Round - White									
	4907W	N/A	Male	5907W	55907W	Male	6907W	N/A	Male
Diffuser - Round - Chrome effect									
	4907CH	N/A	Male	N/A	N/A	N/A	N/A	N/A	N/A
Architectural Grille - Silver									
	N/A	N/A	N/A	ART125-CF1S	N/A	N/A	N/A	N/A	N/A
Architectural Grille - Brushed Metal									
	N/A	N/A	N/A	ART125-CF1BM	N/A	N/A	N/A	N/A	N/A

- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

Ø100mm EasiPipe 100




Free Area 7,850mm²

Ø125mm EasiPipe 125



Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

Internal Duct Terminals			
Description	Code		Connection
	Boxed	Retail Pack	
Architectural Grille - White	N/A	N/A	N/A
Architectural Grille - Silver - Indent	N/A	N/A	N/A
Architectural Grille - White - Indent	N/A	N/A	N/A
Architectural Grille - White	N/A	N/A	N/A
Architectural Grille - White	N/A	N/A	N/A
Architectural Grille - White	N/A	N/A	N/A

Code			Connection
Boxed	Retail Pack		
ART125-CF1W	N/A	N/A	
ART125-DT1S	N/A	N/A	
ART125-DT1W	N/A	N/A	
ART125-SD2W	N/A	N/A	
ART125-SD1W	N/A	N/A	
ART125-CD1W	N/A	N/A	

Code			Connection
Boxed	Retail Pack		
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	
N/A	N/A	N/A	

External Wall Duct Terminals			
Description	Code		Connection
	Boxed	Retail Pack	
Outlet - Gravity Flaps - White - H155xW155xD30mm	4900W	44910W*	Male
Outlet - Gravity Flaps - Brown - H155xW155xD30mm	4900B	44910B*	Male
Outlet - Gravity Flaps - Cotswold - H155xW155xD30mm	4900C	N/A	Male
Outlet - Gravity Flaps - Terracotta - H155xW155xD30mm	4900T	44910T*	Male

Code			Connection
Boxed	Retail Pack		
5900W	55900W	Male	
5900B	55900B	Male	
5900C	N/A	Male	
5900T	N/A	Male	

Code			Connection
Boxed	Retail Pack		
6900W	N/A	Male	
6900B	N/A	Male	
6900C	N/A	Male	
6900T	N/A	Male	

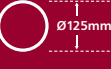
*Rectangular and round connections – fit directly to either 110x54mm or Ø100mm systems.

Ø100mm EasiPipe 100




Free Area 7,850mm²

Ø125mm EasiPipe 125



Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

External Wall Duct Terminals			
Description	Code		Connection
	Boxed	Retail Pack	
Outlet - Gravity Flaps - Black - H155xW155xD30mm	4900BK	44900BK	Male
Outlet - Cowled - Damper - White - H155xW155xD100mm	4902W	44932W*	Male
Outlet - Cowled - Damper - Brown - H155xW155xD100mm	4902B	44932B*	Male
Outlet - Cowled - Damper - Cotswold - H155xW155xD100mm	4902C	N/A	Male
Outlet - Cowled - Damper - Terracotta - H155xW155xD100mm	4902T	N/A	Male
Outlet - Cowled - Damper - Black - H155xW155xD100mm	4902BK	44902BK	Male
Outlet - Louvered Grille - White - H155xW155xD45mm	4904W	N/A	Male
Outlet - Louvered Grille - Brown - H155xW155xD45mm	4904B	N/A	Male
Outlet - Louvered Grille - Cotswold - H155xW155xD45mm	4904C	N/A	Male
Outlet - Louvered Grille - Terracotta - H155xW155xD45mm	4904T	N/A	Male
Outlet - Louvered Grille - Black - H155xW155xD45mm	4904BK	44904BK	Male

Code	Connection	
	Boxed	Retail Pack
N/A	N/A	N/A
5902W	55902W	Male
5902B	55902B	Male
5902C	N/A	Male
5902T	N/A	Male
N/A	N/A	N/A
5904W	N/A	Male
5904B	N/A	Male
5904C	N/A	Male
5904T	N/A	Male
N/A	N/A	N/A

Code	Connection	
	Boxed	Retail Pack
N/A	N/A	N/A
6902W	N/A	Male
6902B	N/A	Male
6902C	N/A	Male
6902T	N/A	Male
N/A	N/A	N/A
6904W	N/A	Male
6904B	N/A	Male
6904C	N/A	Male
6904T	N/A	Male
N/A	N/A	N/A

*Rectangular and round connections – fit directly to either 110x54mm or Ø100mm systems.

*Rectangular and round connections – fit directly to either 110x54mm or Ø100mm systems.

Square grilles and cowls for Ø100mm – 154mm x 154mm. Square grilles and cowls for Ø125mm & Ø150mm – 200mm x 200mm.

Ø100mm EasiPipe 100




Free Area 7,850mm²

Ø125mm EasiPipe 125



Free Area 12,266mm²

Ø150mm EasiPipe 150



Free Area 17,263mm²

External Wall Duct Terminals

Description	Code		Connection
	Boxed	Retail Pack	
Outlet - Louvered Grille - Flyscreen - White - H155xW155xD45mm	F4904W	44954W*	Male
Outlet - Louvered Grille - Flyscreen - Brown - H155xW155xD45mm	F4904B	44954B*	Male
Outlet - Louvered Grille - Flyscreen - Cotswold - H155xW155xD45mm	F4904C	N/A	Male
Outlet - Louvered Grille - Flyscreen - Terracotta - H155xW155xD45mm	F4904T	N/A	Male
Outlet - Louvered Grille - Flyscreen - Black - H155xW155xD45mm	F4904BK	N/A	Male
Outlet - Louvered Soffit Vent - White	4804W	44804W	Male
Outlet - Louvered Soffit Vent - Brown	4804B	44804B	Male
Outlet - Louvered Soffit Vent - Flyscreen - White	F4804W	F44804W	Male
Outlet - Louvered Soffit Vent - Flyscreen - Brown	F4804B	F44804B	Male

Code	Connection	
	Boxed	Retail Pack
F5904W	55904W	Male
F5904B	55904B	Male
F5904C	N/A	Male
F5904T	N/A	Male
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A







Code	Connection	
	Boxed	Retail Pack
F6904W	N/A	Male
F6904B	N/A	Male
F6904C	N/A	Male
F6904T	N/A	Male
F6904BK	N/A	Male
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

External Roof Duct Terminals

Description	Code		Connection
	Boxed	Retail Pack	
Roof Cowl - Universal	4411	N/A	Male
Roof Cowl - Universal - Terracotta	4411T	N/A	Male

Code	Connection	
	Boxed	Retail Pack
4411	N/A	Male
4411T	N/A	Male


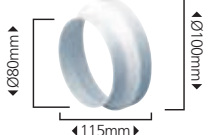

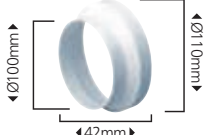





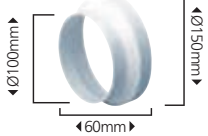

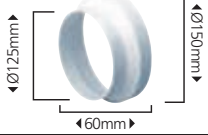

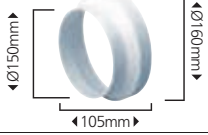

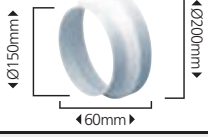






Code	Connection	
	Boxed	Retail Pack
4411	N/A	Male
4411T	N/A	Male

Ancillaries									
Description	Code		Connection	Code	Connection		Code	Connection	
	Boxed	Retail Pack			Boxed	Retail Pack		Boxed	Retail Pack
Duct - Intumescent - Sealant - 4hrs Fire Resistance									
	DDSEAL	N/A	N/A	DDSEAL	N/A	N/A	DDSEAL	N/A	N/A
Duct - Acrylic - Sealant									
	DASEAL	N/A	N/A	DASEAL	N/A	N/A	DASEAL	N/A	N/A
Duct - Tape - Aluminium - 45m									
	50TP45	N/A	N/A	50TP45	N/A	N/A	50TP45	N/A	N/A
Duct - Tape - Aluminium - 100m									
	50TP100	N/A	N/A	50TP100	N/A	N/A	50TP100	N/A	N/A
Duct - Tape - PVC - 4.6m									
	123-4	40123	N/A	123-4	40123	N/A	123-4	40123	N/A
Duct - Tape - PVC - 33m									
	123	N/A	N/A	123	N/A	N/A	123	N/A	N/A



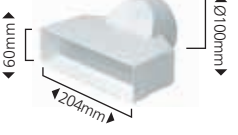




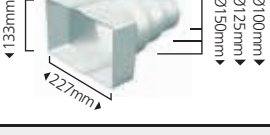
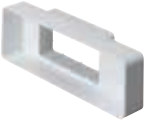
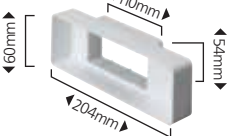

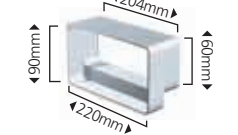
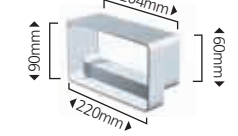

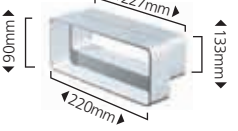
Ancillaries apply to both rectangular and round rigid ducting.



In-line Adapters


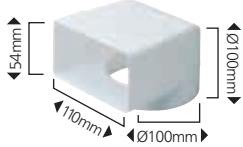

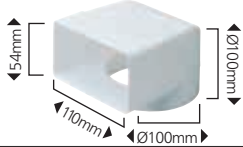
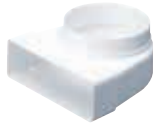
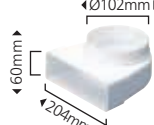
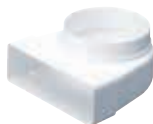
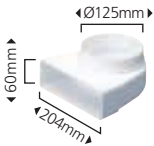
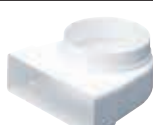
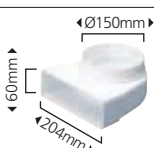
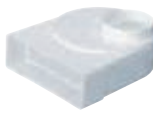
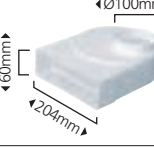
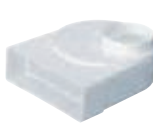
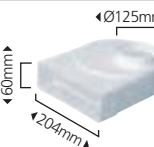

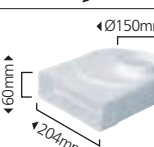

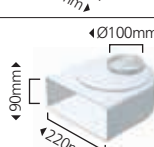

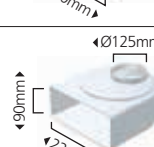

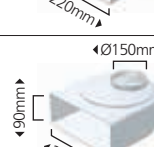
Description	Size		Code		Connection	Dimensions
	From (mm)	To (mm)	Boxed	Retail Pack		
Round – Round						
	Ø80	Ø100	DD019	N/A	Male/Duct	
	Ø100	Ø110	120	40120	Male/Duct	
	Ø100	Ø125	119	40119	Male/Duct	
	Ø120	Ø125	519	N/A	Female/Female Material: Rubber	
	Ø100	Ø150	619	N/A	Male/Duct	
	Ø125	Ø150	118	50118	Male/Duct	
	Ø150	Ø160	620	N/A	Male/Duct Material: Metal	
	Ø150	Ø200	819	N/A	Male/Duct	
Space Saving						
	Ø100	Ø125	544	N/A	Female/Female	
	Ø100/Ø125	Ø150	644	N/A	Male/Duct	
	110x54	Ø100	DD071	40071	Male/Duct	

In-line Adapters

Description	Size		Code		Connection	Dimensions
	From (mm)	To (mm)	Boxed	Retail Pack		
Rectangular – Round						
	110x54	Ø100	DD070	40070	Female/Duct	
	204x60 To single airbrick	Ø100	DD073	N/A	Duct/Male	
	204x60	Ø125	570	50570	Female/Female	
	220x90	Ø150	970	N/A	Female/Female	
	227x133 To double airbrick	Ø100, Ø125, Ø150	954	N/A	Female/Male/ Male/Male	
Rectangular - Rectangular						
	204x60	110x54	DD077	40077	Duct/Male	
	220x90	204x60	957	N/A	Duct/Female	
	220x90	204x60	958	N/A	Female/Female	
	220x90 To double airbrick	227x133	977	N/A	Female/Male	

Duct Intro
110x54mm
204x60mm
220x90mm
Ø100mm
Ø125mm
Ø150mm
Ancillaries
Adapters
Duct Kits
Duct Solutions


Plenums

Description	Size		Code		Connection	Dimensions
	From (mm)	To (mm)	Boxed	Retail Pack		
Fixed Socket						
	110x54	Ø100	DD030	40030	Female/Duct	
Fixed Spigot						
	110x54	Ø100	DD040	40040	Female/Male	
	204x60	Ø102	440	N/A	Female/Duct Connects to hose only	
	204x60	Ø125	540	N/A	Female/Male	
	204x60	Ø150	640	N/A	Female/Male	
Offset Rotating Spigot - Rotates Eccentrically to Allow Alignment with Fixed Appliances						
	204x60	Ø100	441	N/A	Female/Male	
	204x60	Ø125	541	50541	Female/Male	
	204x60	Ø150	641	N/A	Female/Male	
	220x90	Ø100	941	N/A	Female/Male	
	220x90	Ø125	951	N/A	Female/Male	
	220x90	Ø150	961	N/A	Female/Male	

**Ø100mm
EasiPipe 100**

**Ø125mm
EasiPipe 125**

**Ø150mm
EasiPipe 150**

High Rise Kits			
Description	Code		External Connection
	Boxed	Retail Pack	
Cowled - White			
	2447W	N/A	Ø100mm
Cowled - Brown			
	2447B	N/A	Ø100mm
Cowled - Terracotta			
	2447T	N/A	Ø100mm

Code		
Boxed	Retail Pack	External Connection
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Code		
Boxed	Retail Pack	External Connection
2647W	N/A	150mm
2647B	N/A	150mm
N/A	N/A	N/A

- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

**110x54mm
System 100**



**204x60mm
System 125**



**220x90mm
System 220**



Cooker Hood Extraction Kits

Description	Code		External Connection
	Boxed	Retail Pack	
Cowled - White			
 212W	N/A	N/A	Ø100mm
Cowled - Brown			
 212B	N/A	N/A	Ø100mm
Cowled - Brown - 90° Bend			
 214B	N/A	N/A	Ø100mm
Cowled - White			
 N/A	N/A	N/A	N/A
Cowled - Brown			
 N/A	N/A	N/A	N/A

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
227W	N/A	Ø125mm
227B	N/A	Ø125mm

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Cooker Hood Extraction Kits

Description	Code		External Connection
	Boxed	Retail Pack	
Double Airbrick - White - 90° Bend			
 N/A	N/A	N/A	N/A
Double Airbrick - Brown - 90° Bend			
 N/A	N/A	N/A	N/A
Double Airbrick - White - 90° Bend - Rigid Connection			
 N/A	N/A	N/A	N/A

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Code		External Connection
Boxed	Retail Pack	
2653W	N/A	Ø150mm
2653B	N/A	Ø150mm
2655W	N/A	Ø150mm



Ø100mm
EasiPipe 100



Ø125mm
EasiPipe 125



Ø150mm
EasiPipe 150



Tumble Dryer Extraction Kits

Description	Code		External Connection
	Boxed	Retail Pack	
Wall - Cowled - White			
	240W	N/A	Ø100mm
Wall - Hose - Gravity Flap - White			
	N/A	40205	Ø100mm
Wall - Hose - Cowled - White			
	202W	40202	Ø100mm
Wall - Hose - Cowled - Brown			
	202B	N/A	Ø100mm

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A
N/A	N/A	N/A
202-5W	N/A	Ø125mm
202-5B	N/A	Ø125mm

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A
N/A	N/A	N/A
202-6W	N/A	Ø150mm
202-6B	N/A	Ø150mm

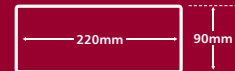
110x54mm
System 100




204x60mm
System 125



220x90mm
System 220



Tumble Dryer Extraction Kits

Description	Code		External Connection
	Boxed	Retail Pack	
Wall - Cowled - White			
	207W	40207	Ø100mm

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A

Code		External Connection
Boxed	Retail Pack	
N/A	N/A	N/A

Ø100mm
EasiPipe 100



Ø125mm
EasiPipe 125



Ø150mm
EasiPipe 150



Background Ventilators

Description	Code		External Connection	Code			Code		External Connection
	Boxed	Retail Pack		Boxed	Retail Pack	External Connection	Boxed	Retail Pack	
Telescopic - Diffuser - White - with Environmental Filter									
	2404W	N/A	Ø100mm	N/A	N/A	N/A	N/A	N/A	N/A
Telescopic - Diffuser - Brown - with Environmental Filter									
	2404B	N/A	Ø100mm	N/A	N/A	N/A	N/A	N/A	N/A
Telescopic - Diffuser - Cotswold - with Environmental Filter									
	2404C	N/A	Ø100mm	N/A	N/A	N/A	N/A	N/A	N/A
Telescopic - Diffuser - Terracotta - with Environmental Filter									
	2404T	N/A	Ø100mm	N/A	N/A	N/A	N/A	N/A	N/A
Accessory - Environmental Filter									
	40AF	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Accessory - Pollen Filter									
	40AFP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Telescopic - Cowled Damper - White									
	N/A	N/A	N/A	508W	N/A	Ø125mm	N/A	N/A	N/A

Duct Intro

110x54mm

204x60mm

220x90mm

Ø100mm

Ø125mm

Ø150mm

Ancillaries

Adapters

Duct Kits

Duct Solutions

Flow Control Plenum for Architectural Grilles



KEY FEATURES

- Allows simple connection to architectural grilles – no air valves necessary
- Enables commissioning to be carried out prior to fixing the ceiling boards
- Adjusting the air terminal for commissioning is quick and easy

KEY BENEFITS

- Integral flow control device cannot be easily tampered with, thereby reducing the likelihood of impacting system performance and indoor air quality
- Commissioning rates can be agreed prior to ceilings being fixed; enabling peace of mind that the required air flow rates will be achieved (if fitted correctly) and less risk of costly remedial work
- Ability to integrate stylish grilles to fit interior design scheme

Innovatively designed to include an integral flow control device; allowing connection to a range of stylish grilles and single fix commissioning.

Why they are needed:

When installing a centralised mechanical extract system into a dwelling, the air flow rates need to be balanced and commissioned at the internal terminals to ensure the correct rates are achieved.

An integral flow control device allows the required air flow rates to be easily set and an attractive architectural grille directly fitted to the plenum – regardless of the installation stage; no air valves required.



Flow Control Plenum for Architectural Grilles **540-FC**
See page 53



- Grille, Gloss White Finish **ART125-CF1W**
- Grille, Silver Finish **ART125-CF1S**
- Grille, Brushed Metal Finish **ART125-CF1BM**
- Grille, Indent, Gloss White Finish **ART125-DT1W**
- Grille, Indent, Silver Finish **ART125-DT1S**



To help adjust the integral flow control device for commissioning and balancing, we also offer a Flow Control Adjustment Kit – code FCAK1.

For technical information visit: www.domusventilation.co.uk



High Efficiency Green Line Duct Bends



The colour of the internal vanes as shown in the image is illustrative (manufactured in white).

See page 50 for our range of Green Line Bends

KEY FEATURES

- Smoothly channels air through the duct bend in a uniform flow
- Performance has been tested by the Building Research Establishment (BRE)

KEY BENEFITS

- Reduces duct resistance by up to 60% to lower the system's pressure drop and overall energy usage
- Reduced air speed through the bend to lower system noise

Engineered to significantly reduce duct resistance, lower system noise and overall energy usage. Domus Green Line bends are an innovative solution for a well designed and energy efficient duct system.

Why they are needed:

Due to the profile of a duct bend, air travelling through it can become turbulent, causing increased resistance and system noise. As a consequence, the mechanical extract appliance will need to work harder in order to meet the required air flow rates; therefore consuming more energy.

Domus Green Line high efficiency 90° duct bends have been specifically designed to enable a uniform flow of air through the section of duct, reducing the duct resistance by up to 60% and lowering the air speed. All of which results in a quieter and more efficient ventilation system.

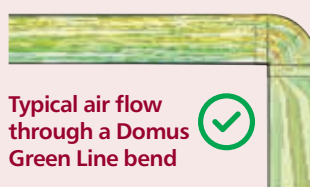
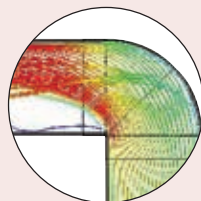
i To support the most popular rectangular rigid duct profiles, Domus Green Line bends are available to install with 204x60mm (550-GL) and 220x90mm (950-GL) ducting.

For technical information visit: www.domusventilation.co.uk

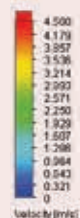
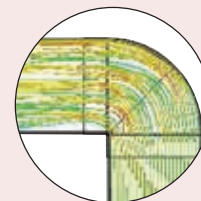
PERFORMANCE



Typical air flow through a standard bend

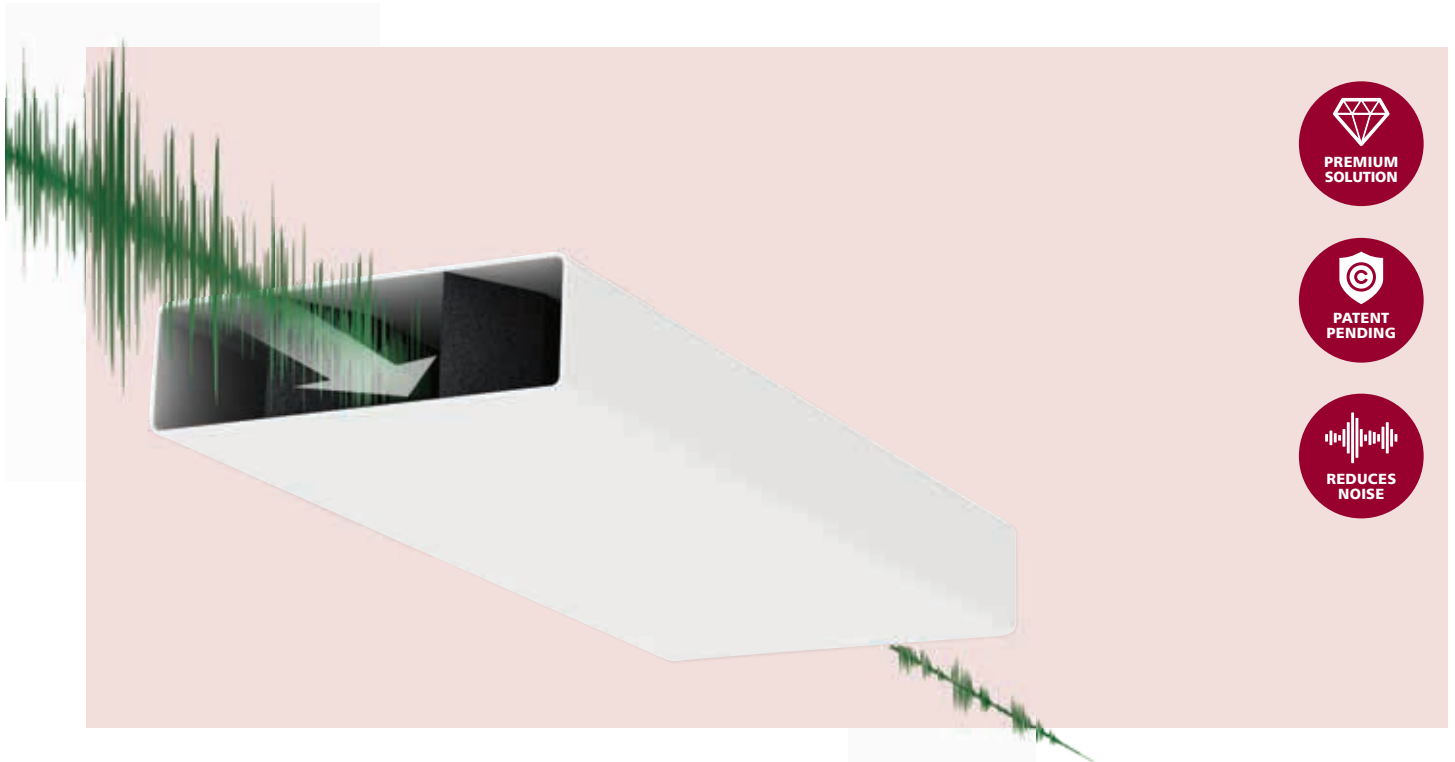


Typical air flow through a Domus Green Line bend



- Duct Intro
- 110x54mm
- 204x60mm
- 220x90mm
- Ø100mm
- Ø125mm
- Ø150mm
- Ancillaries
- Adapters
- Duct Kits
- Duct Solutions

Sound Attenuators - Protected



KEY FEATURES

- Excellent sound attenuation properties as verified by the Sound Research Laboratories (SRL)
- Microban® protected foam helps enable a long life, clean and fresh ventilation system
- Low profile increases installation options and offers greater flexibility
- Lightweight and easy to fit for quicker installation time
- Can also be used with Domus Thermal duct insulation

KEY BENEFITS

- Significantly reduces transmitted appliance noise and room-to-room cross talk
- Helps facilitate occupant acceptance of a continuously running centralised ventilation system
- Helps achieve Building Regulation recommendations

Significantly reduce noise transmitted from centralised appliances and 'cross talk' travelling between rooms in duct systems.

Why they are needed:

Noise generated by a mechanical extract appliance could result in occupants incorrectly altering the performance of their system and as a consequence, detrimentally impacting indoor air quality.

To avoid this, Building Regulations stipulate that the system should not produce excessive noise that could discourage occupants from using it correctly.

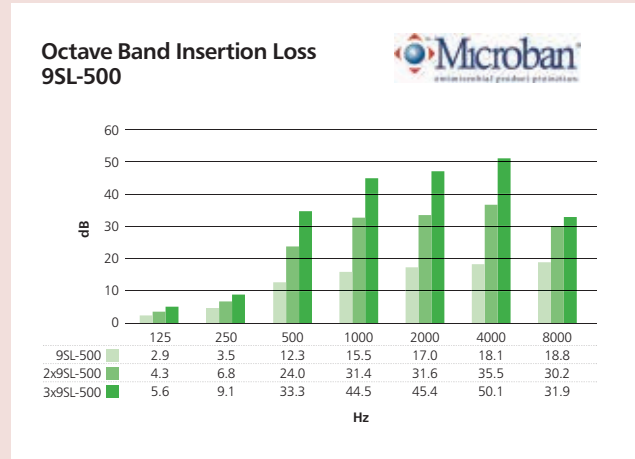
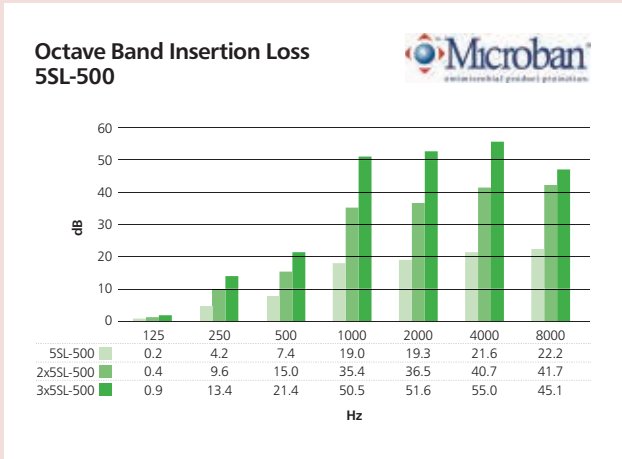
In addition to this, resident cross talk carried through connecting room-to-room ducting can also impair homeowner comfort.



To support the most popular rectangular rigid duct profiles our enhanced Domus attenuators are available to install with 204x60mm and 220x90mm duct systems.

For technical information visit: www.domusventilation.co.uk

Available in sizes:
5SL-500 (204x60mm system)
9SL-500 (220x90mm system)



Cumulative length acoustic sound results

The diagrams above illustrates the increased sound absorption levels when close-coupling up to three individual 0.5m lengths of rigid duct attenuators, thus reducing noise levels by up to 55dB.

Sound Absorption Chart

Size (mm)	Code	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
204x60	5SL-500	0.2	4.2	7.4	19	19.3	21.6	22.2
220x90	9SL-500	2.9	3.5	12.3	15.5	17	18.1	18.8



You can use multiple sound attenuators if necessary for a longer duct run

Installation

Rigid duct attenuators can be installed in roof and ceiling voids and are recommended to be fitted on the room-side of the ventilation appliance, to limit cross talk and to be near each inlet and outlet.



Approved Document F of the Building Regulations (F1 Means of Ventilation) recommends that the system should not produce excessive noise that could discourage occupants from using it correctly. A rigid duct attenuator should therefore form part of duct system, to ensure occupants do not incorrectly alter the performance of the system and as a consequence, detrimentally impact indoor air quality.

DOMUS THERMAL Rigid Duct Insulation



See page 60 for our full range of round duct insulation products and page 52 for rectangular.

WHY ITS NEEDED

Current Building Regulations require that greater provision needs to be made for insulating ducting in domestic properties.

Building Regulations demand:

≤0.04 W/(m.K) thermal conductivity at 25mm insulation thickness.

Minimum thermal resistance or R-value = $0.025/0.04 = 0.625 \text{ K/W}$.

Domus Thermal provides:

≤0.03 W/(m.K) thermal conductivity at 20mm insulation thickness.

Thermal resistance or R-value = $0.020/0.03 = 0.666 \text{ K/W}$.

As an integral part of Domus rigid duct systems, Domus Thermal is a unique and patented duct insulation system, designed specifically to radically improve the thermal insulation of rigid ducting in domestic properties.

Why Domus Thermal?

- Complies with 2010 Building Regulations and NHBC requirements*
- LABC registered
- Reduces heat loss and virtually eliminates the formation of condensation
- Insulates ducting passing through cold spaces and in the heated area of a dwelling
- Insulates both the exhaust and intake ducts into the MVHR unit
- An installer-friendly solution which can be fitted quickly and reliably without the need for gluing or taping

*Note: NHBC requirement for unheated areas require supplementary insulation. Please consult NHBC Standards Chapter 3.2

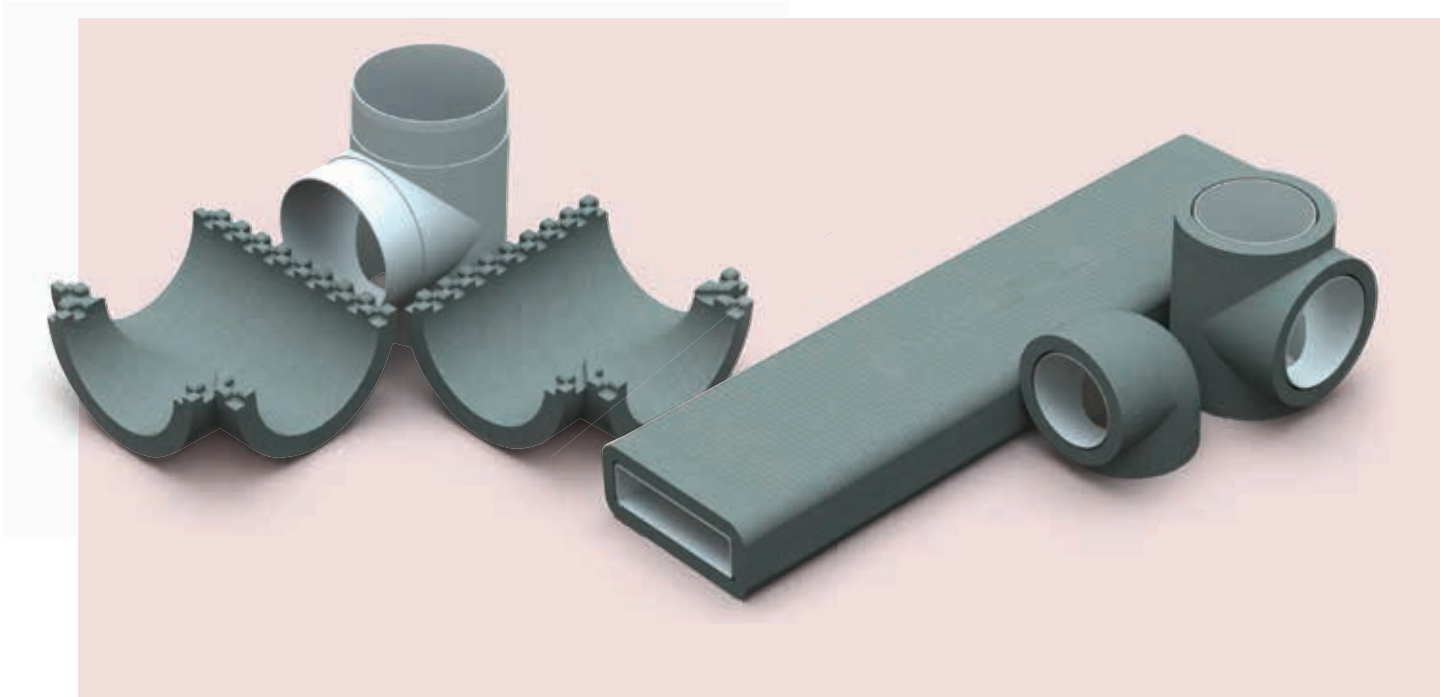
For technical information visit: www.domusventilation.co.uk

Breadth of Range

Domus Thermal is available in a range of profiles and fittings to insulate the Domus:

- Ø100mm EasiPipe ducting
- Ø125mm EasiPipe ducting
- Ø150mm EasiPipe ducting
- 204x60mm Supertube ducting
- 220x90mm Megaduct ducting

To support the system, PVC coated, perforated, TS22, steel banding is also available for surface mounting or suspending the insulated system.



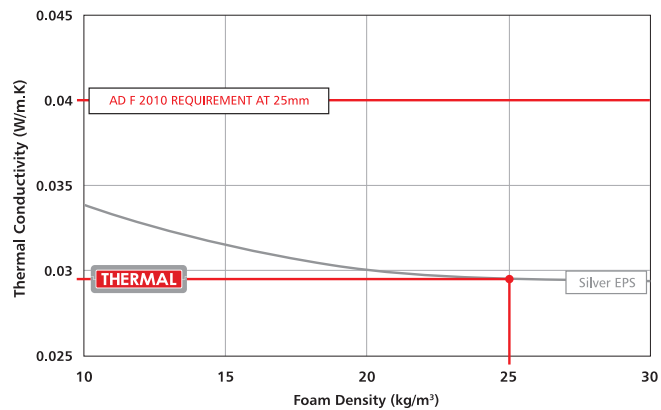
INSTALLATION

Currently, compliant solutions are more labour intensive and require higher skill levels to install. Domus Thermal's simple interlocking feature means that the system is quicker and easier to install. This revolutionary method can therefore significantly reduce installation costs.

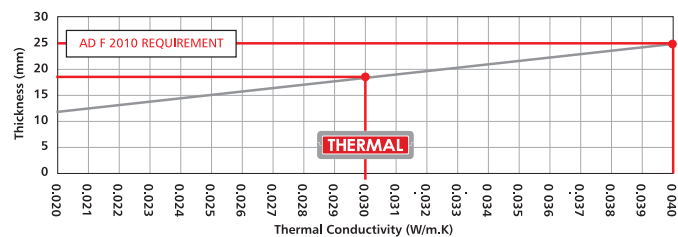


Improved insulation properties

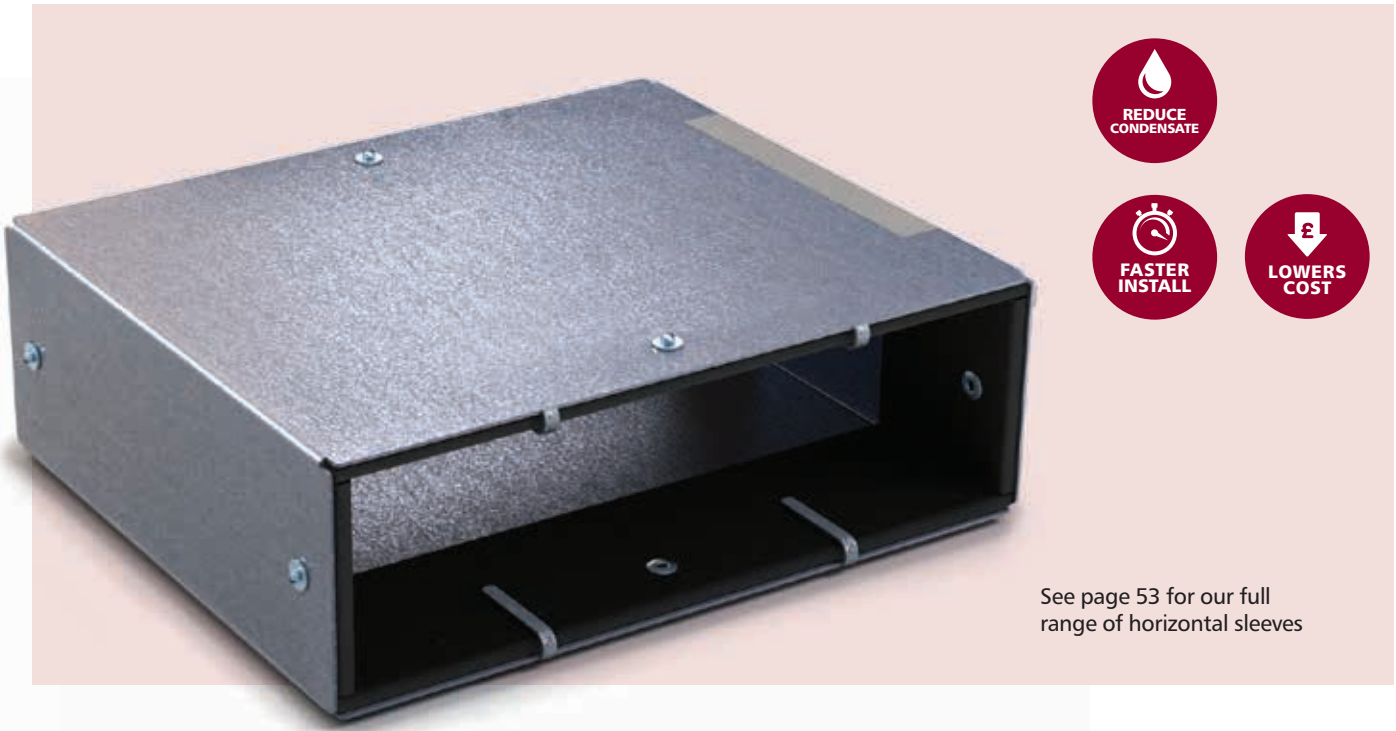
Domus Thermal is manufactured from flame retardant (EN 13163 class E) Silver EPS (expanded polystyrene), which provides its enhanced thermal insulation properties and enables the system to exceed the requirements of the current Building Regulations.



The Silver EPS used to manufacture Domus Thermal provides a significantly improved thermal conductivity value due to the inclusion of carbon particles, which gives Domus Thermal its distinctive silver colour.



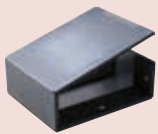
Fire Sleeves



Domus Intumescent prevent the spread of fire where Domus rigid ducting penetrates fire compartment walls. The range includes horizontal and vertical sleeves.

KEY FEATURES

Domus Fire Sleeves consist of a flexible galvanised steel shell containing graphite based intumescent material. They are manufactured to suit the following Domus duct:



Rectangular

- 110 x 54mm horizontal
- 204 x 60mm horizontal
- 220 x 90mm horizontal



Round

- Ø100mm and 125mm horizontal

↔ Horizontal application

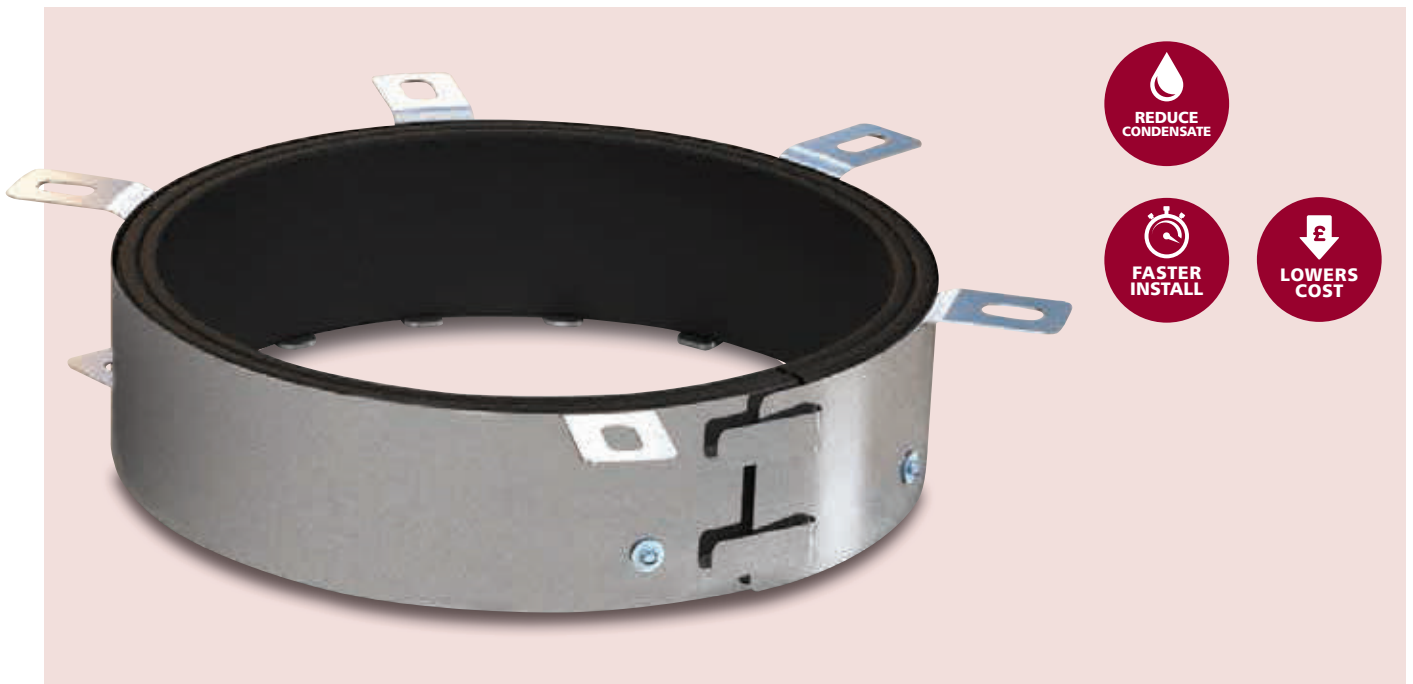
Why Domus Horizontal Fire Sleeves?

- Rectangular profiles tested to BSEN 1366-3: 2009
- Round profile tested to the temperature and pressure conditions of BSEN 1363-1: 1999 and the principles of BSEN 1366-3: 2009
- Tested with Uncapped/Uncapped (U/U) duct configurations as required for ventilation duct
- Up to 120 minutes fire rating (see table below for exact rating)
- Rectangular profiles are very slimline, saving ceiling space
- Suitable for masonry walls or plasterboard partitions
- Suitable for insulated and non-insulated partitions
- Can be retrofitted
- No mechanical fixings required
- Robust galvanised steel shell
- Performance unaffected by weathering (type x durability)

Performance

Product Code	Duct Size	Space Needed Around Duct to Fit the Fire Sleeve	Recommended Aperture	Length	Fire Rating (minutes)
DFS110	110 x 54mm	5mm	180 x 73mm	140mm	120
DFS204	204 x 60mm	5mm	216 x 72mm	140mm	90
DFS220	220 x 90mm	9mm	241 x 112mm	140mm	60
DFS100	100mm	10mm	130mm	100mm	120
DFS125	Ø125mm	20mm	170mm	180mm	90

Fire Collars



Duct Intro
110x54mm
204x60mm
220x90mm
Ø100mm
Ø125mm
Ø150mm
Ancillaries
Adapters
Duct Kits
Duct Solutions

REGULATIONS

Building Regulations require all services passing through fire compartment walls. Domus Ventilation Fire Collars therefore allow plastic duct to meet the requirements of Building Regulations.



Vertical application

Why Domus Ventilation Fire Collars?

- Tested to BSEN 1366-3: 2009
- CE Marked
- Up to 4 hour fire rating
- Suitable for PVC, PVC-U, PE, HDPE, MDPE, PP & ABS pipes
- Available for Ø100mm, Ø125mm and Ø150mm ducting
- Can be retrofitted
- Robust galvanised steel shell
- Performance unaffected by weathering (type X durability)

For installation and technical information visit: www.domusventilation.co.uk



Performance

Product Code	Duct Size	Space Needed Around Duct to Fit the Fire Collar	Recommended Aperture	Length	Fire Rating (minutes)
DFSV100	Ø100mm	40mm	Ø112mm	50mm	240
DFSV125	Ø125mm	45mm	Ø132mm	50mm	240
DFSV150	Ø150mm	50mm	Ø162mm	50mm	60

Section 7 | Radial Systems



The property image illustrates how a typical Domus Radial system can be configured.



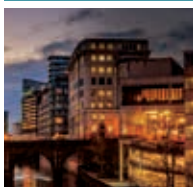
INSTALLATION



IS A WHOLE HOUSE SYSTEM

Suitable for new build and refurbishment projects

Perfect ventilation choice for all residential dwellings



- Apartments
- Flats



- Homes



- Student Accommodation
- Hotels
- Care Homes

Whole house air distribution systems, which provide simple, quick and hassle free installation, to save time and money.

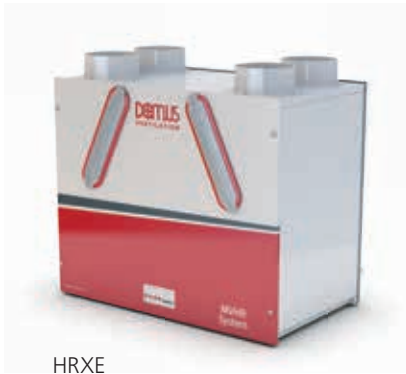
Domus Radial systems are a clever plug and play whole house ventilation solution, which use manifold distribution to evenly service each room through semi-rigid duct. These systems incorporate a centralised mechanical unit; either a Mechanical Ventilation with Heat Recovery (MVHR) or Mechanical Extract Ventilation (MEV).

Why Domus Radial?

- Up to 60% quicker and easier to install, saving contractors and developers time and money
- Easy to order pre-selected house packs enable straightforward selection
- Option of a slimline manifold (125mm deep) OR NEW Domus Adapt, to evenly distribute air
- Use of Domus Adapt allows installers to run straight out into Radial duct, lowering project costs. See page 90
- Rapid fixing mechanism enable secure and air tight connection with no leakages
- Corrugated construction and the unique formulation of Radial duct resists stress cracking and onsite damage
- Eliminates room-to-room cross talk, for a quieter home
- Simplified design layout makes the system ideal for new and refurb projects
- Increased air capacity for reduced air noise, low duct losses and improved appliance efficiency
- Ability to integrate stylish architectural grilles, through the use of an innovative Flow Control Plenum; no air valves necessary
- Plenum with optional twin connection increases air flow and lowers energy usage
- Can integrate Domus rigid duct to create versatile hybrid solutions that suit your project

For technical information visit: www.domusventilation.co.uk

Radial Systems



HRXE



CMX-MULTI

A Whole house Domus extract units; either MVHR or MEV.

MVHR:

- HRX-aQ, see page 8
- HRXE, see page 12
- HRX2D, see page 14

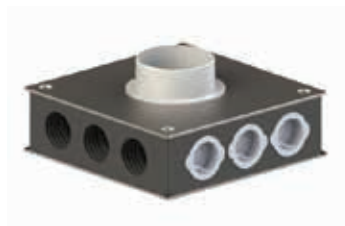
MEV:

- CMX-MULTI, see page 20
- CMX-S, see page 22



Domus Adapt

OR



Manifold

B The NEW Domus Adapt OR slimline manifold evenly distribute air. Illustration (on opposite page) features Domus Adapt.



C Strong corrugated Domus Radial Ø75mm semi-rigid duct.



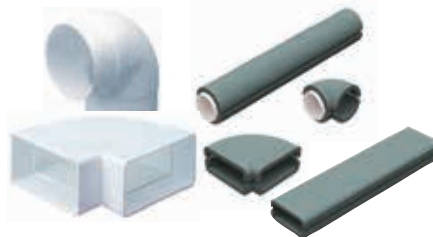
D Domus Flow Control Plenum and stylish architectural grille.



E Domus Adapt 204x60mm fire compartment sleeve.



F Domus Radial duct fire compartment sleeve.



G Domus rigid duct with insulation and sound attenuation solutions.



H Domus rigid duct 220x90mm external airbrick and adapter.

Other key products for use with Domas Radial

Choice of rigid duct sealant. DDSEAL is an intumescent sealant offers up to 4 hours fire resistance. DASEAL is a standard acrylic duct sealant.



Domus Radial duct insulation sleeve. Typically insulates intake and exhaust into MVHR unit.














Domus roof cowls for larger developments.














Radial Parts







Parts that may be needed to make up a Domus Radial system.

Property configurations vary, which is why you can either purchase a Radial system as a simple house pack or as parts, bespoke for your project. For FREE layout and technical advice, email: vent.projects@domusventilation.co.uk



Type	Code	Description
Radial Semi-Rigid Duct and Clips		
	RDD75(25)	Semi-Rigid Duct, Ø75mm - 25m Coil
	RDD75	Semi-Rigid Duct, Ø75mm - 50m Coil
	RDD7590	Semi-Rigid 90 degree duct connector 75mm
	RDC75	Semi-Rigid duct connector 75mm
	RDCLIP75	Duct Clips, Ø75mm – Pack of 10
	RDPC75	Manifold Protective Caps
Radial Manifolds and Domus Adapts		
	RDM-EP150	Manifold (Round)
	RDM-MD220	Manifold (Rectangular)
	RDLAB	Manifold Extract and Supply Label Kits
	RDA-3FA	Adapt 204x60mm In-Line Adapter 3xØ75mm Radial Sockets
	RDA-3FC	Adapt 220x90mm In-Line Adapter 3xØ75mm Radial Sockets

Type	Code	Description
Radial Manifolds and Domus Adapts		
	RDA-3FV90	Adapt 220x90mm Vertical 90° Bend 3xØ75mm Radial Sockets
	RDA-3FH90	Adapt 220x90mm Horizontal 90° Bend 3xØ75mm Radial Sockets
Radial Semi-Rigid Duct Components		
	RDA-3R90-125	Adapt Ø125mm Plenum 3xØ75mm Radial Sockets
	RDA-3R90-150	Adapt Ø150mm Plenum 3xØ75mm Radial Sockets
	RDA-3T	Adapt 220x90mm T Piece 3xØ75mm Radial Sockets
	RDA-6T	Adapt 220x90mm T Piece 6xØ75mm Radial Sockets
	RDA-6TB	Adapt 220x90mm T Piece 3xØ75mm Radial Sockets 3 from Branch
	RDA-CSK3	Adapt Spares 2 Blanking Caps, 3 Clips and 3 Seals
	RDA-CSK6	Adapt Spares 4 Blanking Caps, 6 Clips and 6 Seals
	RD575	Rubber seals x10
Radial Semi-Rigid Duct Fire Solutions		
	RDA-FSK	Adapt Fire Sleeve
	RDFS75	Semi-Rigid Duct Fire-Stopping Sleeve
Plenums and Internal Terminals		
	RDOP-125 or RDOP-125FC	Plenum, Ø125mm for Air Valve OR Flow Control Plenum, Ø125mm For Architectural Grilles

Type	Code	Description
Duct Insulation Solutions		
	RDI-25X5M	Insulation for Ø75mm Semi-Rigid Duct
	RDD125	Insulated Rigid Duct, Ø125mm - 1m
	RDD12545	Insulated Rigid duct 45 degree bend 125mm
	RDD12590	Insulated Rigid Duct 90° Degree Bend, Ø125mm
	RDD150	Insulated Rigid Duct, Ø150mm - 1m
	RDD15090	Insulated Rigid Duct 90° Degree Bend, Ø150mm

For more information on Domus Adapt, see page 90.

DOMUS RADIAL SYSTEMS

VENTILATION MADE SIMPLE



LOWERS
COST



FASTER
INSTALL



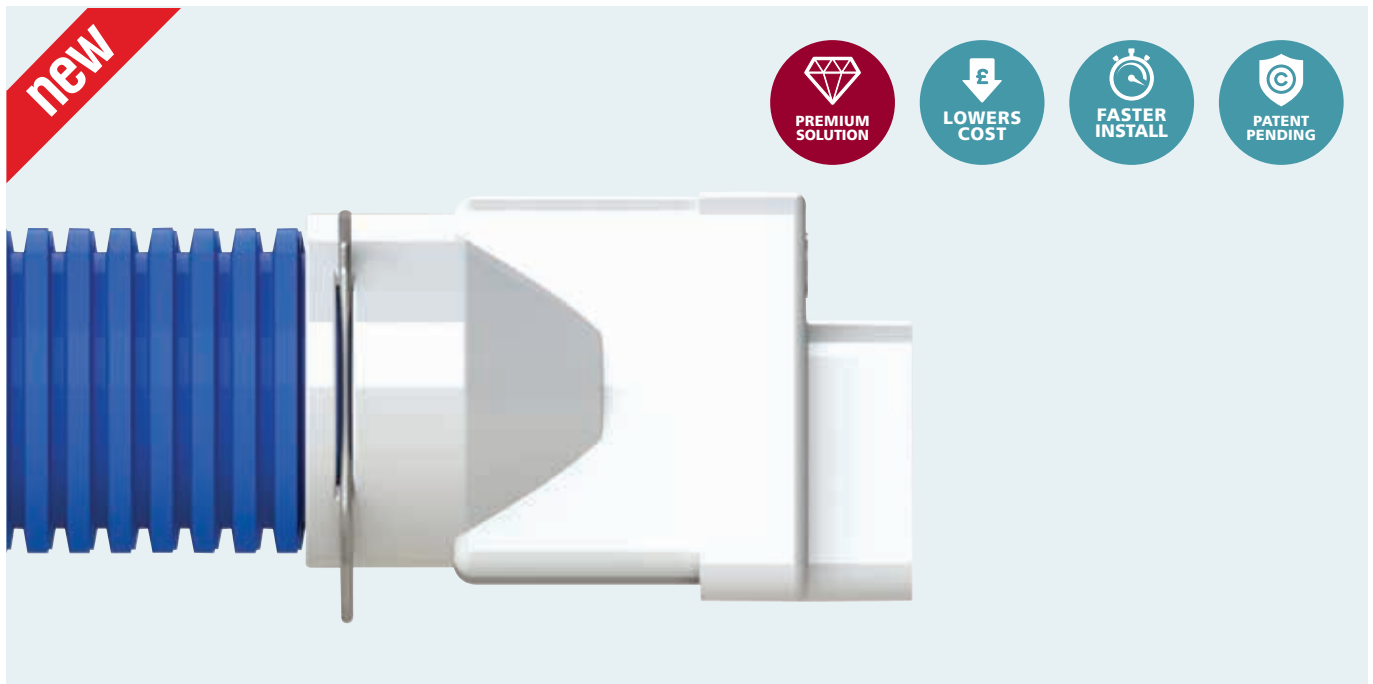
PREMIUM
SOLUTION



Domus Radial systems are a clever plug and play whole house ventilation solution, which use manifold distribution to evenly service each room through semi-rigid duct.

These systems incorporate a centralised mechanical unit; either a Mechanical Ventilation with Heat Recovery (MVHR) or Mechanical Extract Ventilation (MEV).

Radial Solutions **DOMUS** **ADAPT**



BENEFITS

- Lowers project costs
- Simplifies installation, to overcome site constraints and space restrictions
- Reduces installation time
- Allows for a variety of duct configurations

Domus Adapt is a unique duct solution, which will allow for simple, straightforward connection between PCDB (Product Characteristics Database) listed Domus Radial semi-rigid and rigid duct systems with minimal effort.

Designed to lower project costs, whilst also reducing duct installation time by up to 25%; Domus Adapt has innovatively evolved Radial semi-rigid duct systems, to make installing whole house ventilation, **EASIER** and **MORE COST EFFECTIVE** than ever before.

Why Domus Adapt?

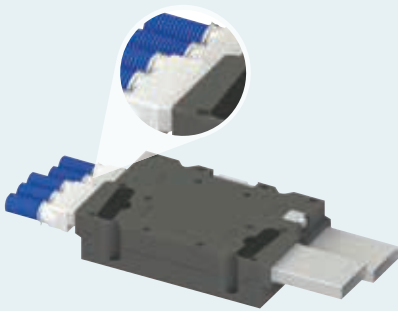
- Ideal for apartments or cluster developments, such as care homes and student accommodation*
- Allows installers to run straight into Domus Radial semi-rigid Ø75mm duct; no need for tape, screws or sealant
- Provides a complete ducting solution, including the ducting for supply and extract when supporting a kitchen plus two wet rooms
- Will remove the need for a manifold; lowering installation costs and time
- A versatile solution to help overcome issues associated with a lack of installation space or tight void areas
- Helps prevent complicated duct runs, providing simpler design and installation
- Domus Radial is a simple plug-and-play, labour saving duct system, which takes away the need for traditional jointing

*Capable of achieving up to 30/s per fitting.

No typical void space is too tight or duct run too complicated for Domus Adapt, with options available to suit a variety of configurations and installations.

Mechanical Ventilation with Heat Recovery (MVHR) Range with Domus Adapt

Domus Adapt can be seamlessly installed with the HRX Mechanical Ventilation with Heat Recovery range, allowing fitters to ADAPT straight into Domus Radial duct, thus removing the need for expensive manifolds. All units are available with a Bluebrain controller, for enhanced user control and air comfort.



HRX-aQ

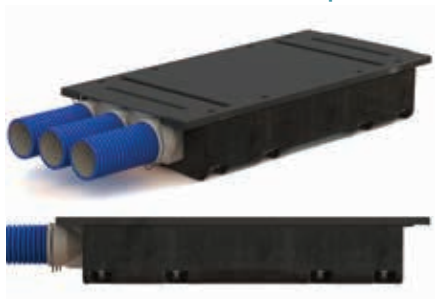
Ideal for ceiling/void applications in a floor area up to 80m².
For more information on unit, see page 8.



HRX2D

For installation in a floor area up to 250m².
For more information on unit, see page 14.

Mechanical Extract Ventilation (MEV) with Domus Adapt



As a versatile solution, the CMX Mechanical Extract (MEV) appliance is available with Domus Adapt, for a straight in and out Radial duct run.

Code: CMXR-S

Socket Size: 220x90mm

Radial Duct Socket Size: Ø75mm

Includes: CMX-S MEV unit,
1 blanking cap, 3 seals and 3 clips

Fittings

The Domus Adapt range includes T pieces, In-line Adapters, Elbows and Bends, available to install with a MVHR or MEV appliance. All pressure loss figures have been tested by the Building Research Establishment (BRE).

Adapt T Pieces



RDA-3T, 220x90mm
RDA-6T, 220x90mm
RDA-6TB, 220x90mm

Adapt In-Line Adapters



RDA-3FA, 204x60mm
RDA-3FC, 220x90mm

Adapt Elbows



RDA-3R90-125, Ø125mm
RDA-3R90-150, Ø150mm

Adapt Horizontal 90° Bend



RDA-3FH90, 220x90mm

Adapt Vertical 90° Bend



RDA-3FH90, 220x90mm

Adapt Spares



RDA-CSK3
RDA-CSK6

Duct Fire Sleeve



RDA-FSK, 204x60mm

Section 8 Domus Ventilation Support

Let us help you become a BPEC Accredited Ventilation Installer

Our ventilation installer training course provides installers with the opportunity to learn new skills and increase their scope of work.



To book call **03443 715523** or email: vent.sales@domusventilation.co.uk

MVHR Commissioning Meter

The CM01 MVHR Commissions Meter is a hand-held digital rotating vane anemometer used for air velocity and volumetric flow measurements.

Simple to use, the CM01 enables the commissioning and performance inspection of all types of ventilation systems, by providing accurate and reliable readings every time.

- Measures velocity and temperature
- Calculates volumetric flow rate
- Supplied with large format flow hood and carry case
- UKAS approved calibration certificate
- Light weight, robust and simple to use
Requires 4 x AA batteries (included)

To order a CM01 call 03443 715523



Why you should be qualified:

Domestic ventilation became 'Notifiable Work' on 1st October 2010 as part of the 2010 revision to Approved Document F of the Building Regulations. This means ventilation provision in new homes must be commissioned by a suitably qualified person.

To ensure installers are qualified to complete domestic ventilation installation, commissioning and hand-over, Domus Ventilation wrote and launched the first industry-recognised accredited training program. The content of the course conforms to the requirements of Summit Skills new syllabus for ventilation and is recognised by the Government as a suitable academic qualification for relevant Competent Person Schemes.

The course is accredited by independent training company BPEC, an industry recognised training and certification provider which already provides ACS, OFTEC, ECS and other renewable certification.

The new domestic ventilation course provides significant opportunity for allied trades to take on additional skills and increase their scope of work.

Training course objectives:

The objectives of this training course are to enable delegates to:

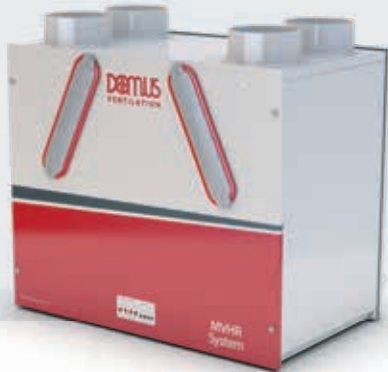
- Install and inspect common types of domestic ventilation systems in the UK
- Commission any of the common types of domestic ventilation systems in the UK safely and efficiently

Who the course is applicable to:

- M&E Contractors
- Plumbing & Heating Contractors/Engineers
- Electricians ■ Specialist Wholesaler & Merchant Staff
- Students & Apprentices ■ Building Control



Domus MVHR range
See pages 6-17



What is covered:

The syllabus covers the majority of existing types of UK domestic ventilation systems and emphasises the most common configurations that most tradespeople are likely to encounter.

Due to time constraints, the syllabus does not aim to cover material that should already be known to plumbing, heating and electrical engineers. Repetition of existing knowledge is only likely to occur in areas which are regarded as critical, including legal and safety issues.

What prerequisite knowledge is needed:

The training/assessment course is targeted at candidates with a number of years' experience in plumbing, heating or electrical engineering and who hold or are studying towards an NVQ Level 3 in plumbing, heating or electrical engineering.

Course duration, content and assessment:

The training and assessment course runs over two days and includes both theoretical training and practical exercises.

At the end of the course there is a multiple choice assessment that each individual candidate needs to pass. The assessment is closed book.

Day 1

- Background and Building Regulations
- Course aims and objectives
- Module 1: Domestic ventilation in context
- Module 2: Air flow requirements and calculations
- Module 3: Health and Safety

Day 2

- Module 4: Installation, inspection, testing, commissioning and provision of information
- Commissioning workshop and assessment
- Examination

Professional development centres

The ventilation installer training course is available at a choice of two locations:

- Aylesford, Kent
- Doncaster, South Yorkshire



Newest training facility at Caerphilly Head Office; awaiting BPEC approval.

Course availability:

Courses are run on two consecutive days at both training centres regularly throughout the year.

Accommodation:

Accommodation is available locally at preferential rates for course attendees.

Course includes:

- BPEC official certification
- BPEC manual
- All necessary training materials
- Lunch and refreshments both days
- Qualification and van stickers upon successful completion

Payment:

To book, please call our Customer Service team on **03443 715523**

Glossary

ACH – Air changes per hour. The number of times the volume of air in a room needs to be changed in one hour depending on the activity in that space. Normally given as a range e.g. 15-20 ach; based on the level of usage.

Air Changes – CIBSE Guide B, 2005 recommends extract rates are calculated by multiplying the volume of the room (m³) by the below air changes per hour (ACH). This rate should always be greater than Building Regulations minimum requirements.

Bathrooms 6 - 8	Launderettes 10 - 15
Bedrooms 2 - 4	Laundries 10 - 15
Billiard Rooms 6 - 8	Lecture Theatres 6 - 10
Cafés & Coffee Bars 10 - 15	Libraries 3 - 4
Canteens 8 - 12	Living Rooms 4 - 6
Cellars 3 - 10	Offices 4 - 6
Club Rooms 8 - 10	Photo & X-ray Darkrooms 6 - 8
Conference Rooms 6 - 10	Public House Bars 6 - 8
Entrance Halls, Corridors 3 - 5	Restaurants 10 - 15
Factories & Workshops 6 - 10	Shops & Supermarkets 8 - 10
Garages 6 - 10	Shower/Bathrooms 15 - 20
Gymnasiums 6	Stores & Warehouses 3 - 6
Hairdressing Salons 10 - 15	Toilets (Public) 5+
Hotel Bars 6 - 10	Toilets (Domestic) 6 - 10
Kitchens (Domestic) 10 - 15	Utility Rooms 15 - 20
Laboratories 4 - 15	

Axial Fans are suitable for low pressure applications, where duct runs are short.

Branch – A section of a duct system serving only one or two inlets or outlets.

Centrifugal Fans, also known as radial fans, deliver the pressure needed to propel air through long duct runs.

cMEV – Centralised Mechanical Extract Ventilation. See page 24.

CSH – The Code for Sustainable Homes is the national standard for the sustainable design and construction of new homes. The Code aims to reduce our carbon emissions and create homes that are more sustainable. It applies in England, Wales and Northern Ireland.

dB(A)@3m – Decibel, unit of sound measurement based on pressure at 3m away from the source. P17 of the Approved Document F of Building Regulations recommends sound levels for whole house ventilation systems do not exceed 30 dB(A) levels within bedrooms and living rooms.

dMEV – Decentralised Mechanical Extract Ventilation. See page 24.

Duct System Resistance – The total resistance of the duct system can be calculated by simply adding up the resistance of each component at a specific air flow rate. Each product within the Domus range has a measured resistance value for the main UK Building Regulation extract flow rates.

Dwelling Emission Rate (DER) – The estimated annual CO₂ emissions per square meter due to space heating, water heating, ventilation and internal lighting, minus any CO₂ emissions saved by the generation of electricity.

Electrical Safety Zones

Section 701 of British Standard 7671:2008 defines four bathrooms and shower room zones:

Zone	Description Voltage	Permitted	Min IP
Zone 0:	The interior of a bath or shower basin	None	None
Zone 1:	Area above Zone 0 up to a height of 2.25m above the floor	Separated extra low voltage (SELV) with transformer located outside Zone 2	None
Zone 2:	Area above Zone 1 up to a height of 2.25m, as well as the area that is horizontally within 0.6m from Zone 1	Any	X4 protection against splashing water from all directions
Outside the Zones:	Includes any space under the bath or shower that can only be accessed with a tool	Any	Any

Fans with humidity controls and PIRs should not be located within splash Zone 1

EPP – Expanded Polypropylene.

EPS – Expanded Polystyrene (Silver).

EST – The Energy Saving Trust (EST) provides independent sustainability recommendations to businesses and individuals. They are accepted by the Government as the authority on many environmental issues.

Extract Rates are given in Table 5.1a and 5.1b of Approved Document F of Building Regulations 2010.

Habitable Rooms – A term used by the Building Regulations to collectively indicate that fresh air is being supplied to bedrooms, living rooms, dining rooms or similar.

Humidistat – A switched control that triggers the appliance once a set level of humidity is reached.

IEE Wiring Regulations – Publication of the Institute of Electrical Engineers. Also known as BS 7671.

Intermittent Extract Fans – Local extract fans are fitted in a dwelling's 'wet rooms' and provide rapid extraction of moisture and other pollutants. They operate intermittently under either occupant or automatic control. See page 26.

IP Rating – Classification of degrees of protection for an electrical product developed by CENELEC. First digit describes degree of protection from solids, the second from liquids. Example: IP44.

l/s – Litres per second - measurement of volume flow.

$$l/s = m^3/h \div 3.6$$

m³/h – Cubic metres per hour - measurement of volume flow.

$$m^3/h = l/s \times 3.6$$

MEV – A Continuous Mechanical Extract Ventilation continually extracts air from 'wet rooms'. It usually consists of a central ventilation unit (cMEV), positioned in a cupboard or loft space ducted throughout the dwelling to extract air from the wet rooms. Other configurations do exist, including the use of continuously running individual rooms (dMEV).

Mixed Flow Fans combine elements of axial and centrifugal and are therefore appropriate for medium length duct runs.

MVHR – Continuous, balanced Mechanical Ventilation with Heat Recovery systems extract stale air from wet rooms and deliver fresh air to habitable rooms. Heat loss associated with the air changes is reduced by a heat recovery mechanism. See page 6.

Pa – Pascal, unit of pressure for measuring system resistance or static pressure.

PIR – Passive infrared sensor, detects movement and is used to trigger appliances.

RH – Relative humidity. The ratio of the amount of water in the air at a given temperature.

■ Outside humidity levels are usually between 60-70%RH

■ The target for indoor levels is normally between 40-60%RH

SAP – The Standard Assessment Procedure (SAP) is the Department of Energy and Climate Change's (DECC) methodology for assessing and comparing the energy and environmental performance of dwellings. Its purpose is to provide accurate and reliable assessments of dwelling energy performances that are needed to underpin energy and environmental policy initiatives.

SELV – Separated Extra Low Voltage, used to describe fans operating at less than 25V.

Specific Fan Power (SFP) – The measurement of power used to drive a fan. Measured in Watts per litre per second (W/l/s).

SRHRV – Single Room Heat Recovery. See page 6.

Target Emission Rate (TER) – To comply with Part L1A, the dwelling CO₂ emission rate (DER) must be no greater than a target emission rate based on a notional dwelling of the same size and shape.

Temperature – The common metric measurement of which is Centigrade (or Celsius).

Thermal Overload Protection – A safety component designed to interrupt the current to a motor before the windings exceed their design operating temperature.

Trunk – The section of a duct system carrying the maximum flow of air to or from the appliance.

Watts – Measure of electrical power.

Wet Rooms – Refers to rooms with potable water; for example, kitchens, utility rooms (including utility cupboards and drying rooms), WCs or bath/shower rooms from which stale, polluted air is extracted. Hallways and landings are used as conduits for the exchange or transfer of air.

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