

System and Product Selector



- Mechanical Ventilation • Duct Systems • Support Services

COMPANY OVERVIEW



A member of the UK based Polypipe Group, Polypipe Ventilation designs and manufactures a full range of high quality ventilation systems for the domestic and light commercial building sectors.

We specialise in supporting specifiers, contractors, developers, installers and operators by providing energy-saving ventilation solutions which meet Building Regulations and save time and money on site. Working with distribution partners, we deliver a high level of customer service which includes support materials, training services, on-line planning tools, telephone and even site-based technical support.

Our market-leading brands include:



With over 50 years experience in fan manufacture, the Silavent brand has a well deserved reputation for quality and reliability.

The range includes high performing and energy efficient mechanical ventilation appliances, in a wide range of sizes and configurations to suit every application.



The Domus brand symbolises efficient air distribution, with a complete range of ducting, inlets and outlets designed to help customers achieve the highest possible energy efficiency from ventilation appliances. Through Polypipe's investment in premium extrusion and injection mould tooling, the Domus range is manufactured to exacting tolerances, which virtually eliminates air leakage and minimises

the pressure drop associated with ducting systems. With the widest range available, installers are able to choose the most efficient duct configuration for any installation. The range is supplemented by sound attenuation and duct insulation options to help exceed Building Regulations.



Our market leading range of unique FireBrake products have been designed to block the transfer of fire through compartment walls via duct or conduit systems.

Support Services

To help our customers meet the stringent requirements of Parts F and L of the Building Regulations, as well as achieving the higher levels of the Code for Sustainable Homes through improved SAP ratings, Polypipe Ventilation offers a range of support services:

Specification On-line Planner

Our on-line planner takes the headache out of ventilation specification and can be found at www.polypipe.com/ventilation. The on-line planner is supported by a network of distribution partners, who carry products in stock to support all applications.

Accredited Domestic Ventilation Training

We provide regular training courses at two UK locations to enable installers to become BPEC Certified Ventilation Installers.

Technical Support

We are able to provide various levels of technical support to suit every customer application.*

- Telephone customer hotline
UK: 08443 715523
International: +44 (0) 1302 348878
- Take-offs and ventilation scheduling from customer supplied drawings
- Full ventilation system CAD drawings
- On site technical support

*Charges may apply.

Other Group Products Include:

- Above and below ground drainage solutions
- Plastic plumbing systems
- Underfloor heating
- Rainwater harvesting
- Potable water systems
- Geothermal piping systems

Please visit www.polypipe.com for information on all Polypipe systems.

CONTENTS

| | COMPANY OVERVIEW | PAGE |
|------------------|---|-------|
| | Company overview | 2-3 |
| | Ventilating buildings in line with current Building Regulations | 6 |
| | Ventilation strategy selection | 7 |
| SECTION 1 | MECHANICAL VENTILATION with HEAT RECOVERY (MVHR) | |
| | MVHR selector | 9 |
| | Centralised MVHR appliances | 10-12 |
| | Decentralised MVHR appliances | 12 |
| SECTION 2 | MECHANICAL EXTRACT VENTILATION (MEV) | |
| | MEV selector | 13 |
| | Centralised MEV appliances | 14-15 |
| SECTION 3 | INTERMITTENT EXTRACT FANS | |
| | Fan selector | 17 |
| | Axial fans | 18-25 |
| | Centrifugal fans | 25-29 |
| | In-line fans | 30-36 |
| SECTION 4 | AUXILIARY FAN CONTROLS | |
| | Fan controls | 36 |
| SECTION 5 | ACOUSTIC ATTENUATING VENTILATION PRODUCTS | |
| | Freshflo | 37 |
| SECTION 6 | DUCT SYSTEMS | |
| | Selecting the correct duct system | 39 |
| | 110 x 54mm - System 100 | 40-43 |
| | 204 x 60mm - Supertube | 44-47 |
| | 220 x 90mm - Megaduct | 48-50 |
| | 234 x 29mm - PV Low Profile 225 | 51-53 |
| | 308 x 29mm - PV Low Profile 300 | 54-56 |
| | Ø100mm - EasiPipe 100 | 57-62 |
| | Ø125mm - EasiPipe 125 | 63-67 |
| | Ø150mm - EasiPipe 150 | 68-72 |
| | Adapters | 73-74 |
| | Ancillary components | 75 |
| | Kits | 76-77 |
| | Duct insulation systems | 78-79 |
| | Semi-rigid radial duct systems | 80-83 |
| SECTION 7 | SUPPORT SERVICES | |
| | Support services overview | 85 |
| | Ventilation specification on-line planner | 87 |
| | Installer loyalty programme | 89 |
| | Ventilation installer training | 90-91 |
| SECTION 8 | GLOSSARY | |
| | Glossary | 92 |
| SECTION 9 | INDEX | |
| | Index | 93-95 |



VENTILATING BUILDINGS IN LINE WITH CURRENT BUILDING REGULATIONS

Increased levels of air-tightness and insulation in building construction combined with the moisture created in kitchens and bathrooms has meant that efficient and effective ventilation is now a mandatory requirement of Building Regulations.

Additionally some ventilation technologies offer benefits to house builders and those looking to increase the overall efficiency of the building by reducing the Dwelling Emission Rate (DER) within SAP.

This catalogue will help you select both the optimum ventilation system and components required to install it.

- 1 Select ventilation strategy
- 2 Select appliance
- 3 Select duct system

| Intermittent Extract Ventilation | Passive Stack Ventilation | Continuous Mechanical Extract Ventilation | Mechanical Ventilation with Heat Recovery |
|--|--|--|--|
| <p>Advantages</p> <ul style="list-style-type: none"> Easy to install Provides rapid local extraction Simple in operation | <p>Advantages</p> <ul style="list-style-type: none"> No direct running costs No electrical connection Silent continuous ventilation Discreet installation | <p>Advantages</p> <ul style="list-style-type: none"> Simple operation Constant ventilation Discreet installation | <p>Advantages</p> <ul style="list-style-type: none"> Preheated fresh air Reduced demand on heating system Filters incoming air from outside Discreet installation |
| <p>Disadvantages</p> <ul style="list-style-type: none"> Occupants may not use Background ventilation required | <p>Disadvantages</p> <ul style="list-style-type: none"> Multiple stacks required Precise installation required Weather-dependent air flow Background ventilation required | <p>Disadvantages</p> <ul style="list-style-type: none"> Requires commissioning Background ventilation required | <p>Disadvantages</p> <ul style="list-style-type: none"> Requires commissioning Requires high level of dwelling air-tightness |

This document is designed to be read in conjunction with Approved Document F of the Building Regulations and the Domestic Ventilation Compliance Guide.

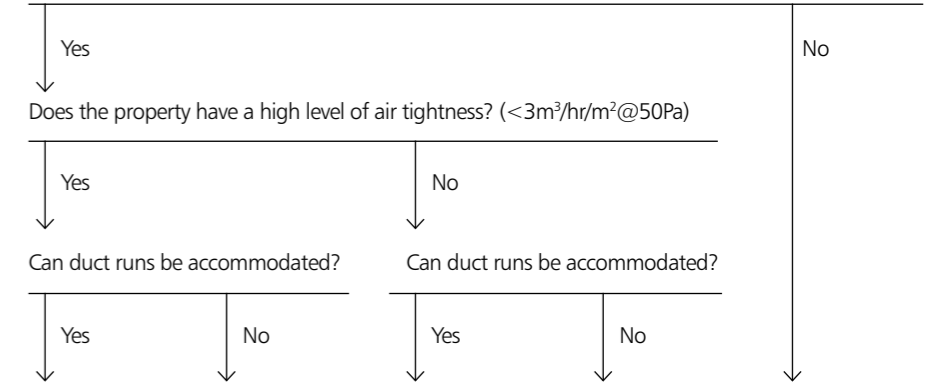
To download both documents please visit our website at:

www.polypipe.com/ventilation

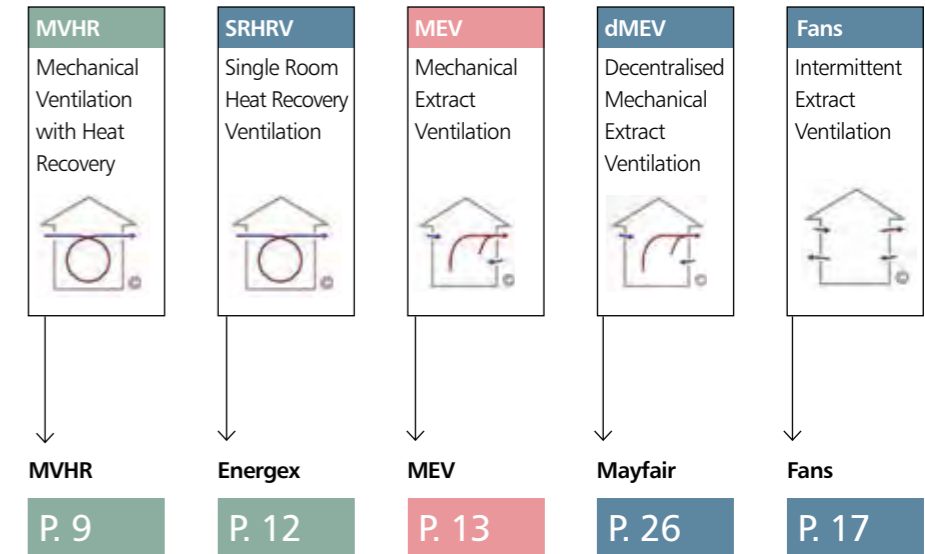


VENTILATION STRATEGY SELECTION STEP 1

Is Dwelling Emission Rate (DER) or energy efficiency important?



New buildings have to meet the Target Emission Rates (TER) laid out in Approved Document L of Building Regulations. Employing energy saving ventilation systems reduces the amount of other efficiency measures required to match the actual Dwelling Emission Rate (DER) to the TER. Mechanical Ventilation with Heat Recovery (MVHR) is most effective when installed in an air-tight dwelling as the effect is not compromised by external leakage. Central systems (MVHR and MEV) offer higher levels of efficiency, however installation is more complex due to the duct systems required. Background inlet ventilation is required when choosing MEV, dMEV or Intermittent Extract Ventilation strategies. Return Air Supply Kits for this purpose are listed on page 76-77.









MECHANICAL VENTILATION with HEAT RECOVERY (MVHR)



To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

Application code:

| | |
|--|--|
|  Kitchen |  Utility room |
|  Bathroom |  Commercial |
|  Toilet |  Whole house |

SELECTING THE CORRECT HEAT RECOVERY SYSTEM

Polypipe MVHR appliances warm fresh air drawn into the building. Using the heat from stale air extracted from bathrooms and kitchens, MVHR reduces the need for heating.



By very efficiently driving fresh and filtered air around the building through Domus duct systems, Polypipe MVHR systems significantly improve the living environment.

The Code for Sustainable Homes (CSH) ensures Building Regulations demand the very best energy efficiency from new homes.

| | | |
|--------------|------|-------------------------------|
| Code level 1 | 2006 | Standard Building Regulations |
| Code level 6 | 2016 | Zero carbon homes |

New homes currently require over a 25% energy saving over homes built to 2006 regulations (Code Level 3). During 2013, Building Regulations will change to require a 44% energy saving (Code Level 4). Building fabric is being improved to meet these tighter regulations. Dwellings are therefore becoming air-tight and in need of active ventilation.

Polypipe's range of Mechanical Ventilation with Heat Recovery appliances:

- Help provide healthy living environments and reduce fuel consumption
- Secure additional points to reduce the Dwelling Emission Rate (DER) required of any new building by Building Regulations

A summer bypass option is available on all Polypipe HRX models. It ensures heat is not retained within the home when not required. Of particular benefit to allergy sufferers and those living in urban environments, summer bypass allows cooler outside air in while isolating noise and pollutants.

Did you know ?

Modern buildings can lose **25%** of heat due to uncontrolled ventilation and air leakage. An average bathroom full of moist air contains over 600 Watts of heat energy. Polypipe HRX appliances can recover up to 88% of this heat directly saving cost and carbon emissions.

Polypipe's HRX appliances are all SAP Appendix Q listed and Energy Saving Trust compliant up to kitchen and five wet rooms.

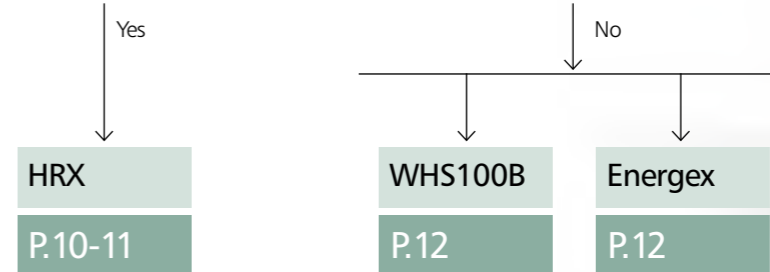


MVHR SELECTOR

STEP 2

Small to medium sized properties

Is a highly efficient SAP Appendix Q listed appliance required?





HRX

GREEN LINE RANGE

CENTRALISED MVHR

**Suitable for installation:**

- In small-medium sized properties with a floor area of up to 200m²
- Inside a kitchen cupboard or loft space



Part of the Silavent Green Line range, the HRX is a highly efficient MVHR appliance, designed to comply with 2010 Building Regulations and lower energy usage. Incorporating a number of user-friendly features that maximise system performance, the HRX is ideal for properties where installation space is restricted.

Developed using the latest fan technology, the HRX offers an extremely low Specific Fan Power down to 0.58 W/(l/s) and reduces the build-up of condensation and mould.

As an added benefit to developers and house builders looking to lower the Dwelling Emission Rate (DER) required of any new property by Building Regulations, the HRX's energy efficient fan also helps secure points towards a better SAP rating.

- Exceeds Parts F and L of 2010 Building Regulations
- SAP Appendix Q listed
- Compact and extremely lightweight (11.5kg)
- Supports kitchen and up to 7 wet rooms
- Specific Fan Power down to 0.58W/(l/s)
- Energy efficient EC motors
- Easy and quick to install, commission and maintain
- Distinct moulded EPP casing improves thermal efficiency and maximises air flow
- Wiring centre is mounted remotely, taking away the need to dismantle the unit during installation and preventing moisture from damaging the electrics
- Design allows for left or right installation
- Manufactured in the UK

Optional features:

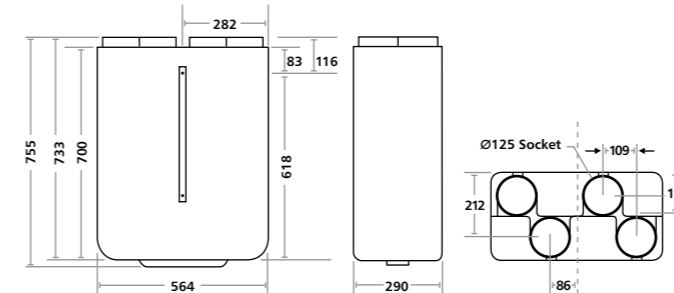
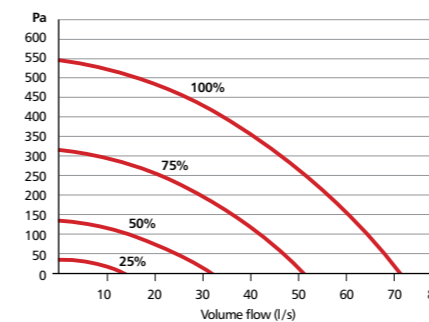
- Summer bypass that functions in both chambers and efficiently channels air around the heat exchanger
- Glossy, white modern fascia
- Frost protection sensor that reacts to temperatures below 5°
- Bespoke condensate drainage kit, to remove the build-up of condensate
- Controls for remote operation



Unlike other units in the market place, the HRX features a 100% summer bypass, which maintains air flow performance without compromising on heat exchange efficiency. This is an important feature to consider when specifying summer bypass units.

Technical data

| Description | 230V |
|--|--|
| Max Extract Volume (m ³ /h) | 260 |
| Max Extract Volume (l/s) | 72 |
| Max Pressure (Pa) | 550 |
| Max Power (W) | 184 |
| Supply Frequency (Hz) | 50 |
| Max Sound dB(A)@3m | 35 |
| Insulation Class | 1 |
| Weight (kg) | 11.5 |
| Max Temperature (°C) | 40 |
| Warranty | 2 yrs |
| | Extended warranty options also available |

Dimensions**Performance****SAP Q Performance Data**

| Application: | SFP W/(l/s) | Heat Exchange Efficiency |
|-----------------------|-------------|--------------------------|
| Kitchen & 1 wet room | 0.58 | 88% |
| Kitchen & 2 wet rooms | 0.61 | 86% |
| Kitchen & 3 wet rooms | 0.68 | 86% |
| Kitchen & 4 wet rooms | 0.78 | 86% |
| Kitchen & 5 wet rooms | 0.91 | 85% |
| Kitchen & 6 wet rooms | 1.08 | 84% |
| Kitchen & 7 wet rooms | 1.24 | 84% |

Models and upgrades available

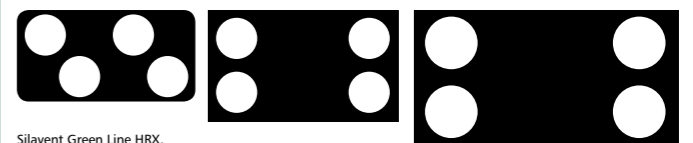
| | |
|------------|--|
| HRX-S | HRX |
| HRX-B | HRX with summer bypass |
| HRX-FP | HRX with frost protection |
| HRX-BFP | HRX with summer bypass and frost protection |
| HRX-FS | HRX with glossy white fascia |
| HRX-FB | HRX with glossy white fascia and summer bypass |
| HRX-FFP | HRX with glossy white fascia and frost protection |
| HRX-FBFP | HRX with glossy fascia, summer bypass and frost protection |
| HRXC-B | Bypass upgrade |
| HRXC-FP | Frost protection upgrade |
| HRXC-F | Fascia upgrade |
| HRX-SILVER | 1 yr extended warranty |
| HRX-GOLD | 3 yr extended warranty |

Accessories available

| | |
|---------|-------------------------|
| 297 | Condensate drainage kit |
| HRXC-AF | Air filter (2 pack) |

Controls available

| | |
|---------|--|
| ANC108A | Adjustable overrun timer |
| ELE150R | 6 switched live backfeed-protected junction box |
| ANC802A | Humidity control with adjustable overrun timer |
| ANC808A | Humidity control with adjustable overrun timer and manual override with neon indicator |
| ANC846A | Duct mounted humidity control with remote sensor and adjustable overrun timer |
| ANC813A | PIR movement sensor with adjustable overrun timer |

Compact design

Silavent Green Line HRX. Supports kitchen and up to 7 wet rooms

Typical MVHR unit that supports kitchen and up to 5 wet rooms

Typical MVHR unit that supports kitchen and up to 7 wet rooms

MECHANICAL VENTILATION
with HEAT RECOVERY (MVHR)
Silavent

WHS100B

CENTRALISED MVHR

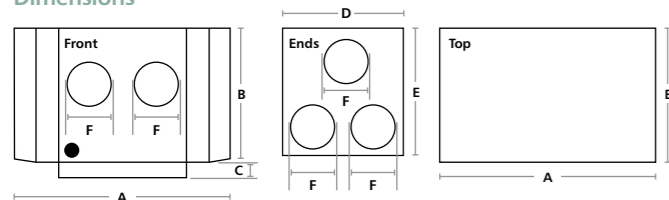


- Quiet operation
- 2 year warranty

Technical data

| Description | 230V |
|--|------------------------|
| Max Extract Volume (m ³ /h) | 226 |
| Max Extract Volume (l/s) | 63 |
| Max Pressure (Pa) | 300 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 110 |
| Max Sound dB(A)@3m | Available upon request |
| Heat Exchange Efficiency | 55% |
| Insulation Class | 2 |
| Weight (kg) | 16 |
| IP Rating | X3 |
| Max Temp (°C) | 40 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 540 B: 377 C: 40 D: 337 E: 294 F: 100

Models available

| | |
|---------|----------|
| WHS100B | Standard |
|---------|----------|



Regular installers of Polypipe Ventilation products are invited to join our Installer Loyalty Programme and receive rewards for fan, heat recovery and radial duct pack purchases. Email vent.info@polypipe.com or call 08443 715523 for details.

ENERGEX

DECENTRALISED MVHR (SRHRV)

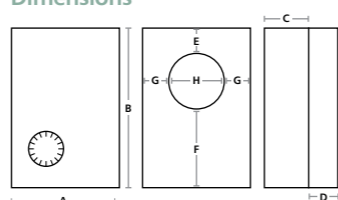


- Balanced heat recovery ventilation
- Reduces draughts
- Simple core-drill installation
- Ventilates any single room

Technical data

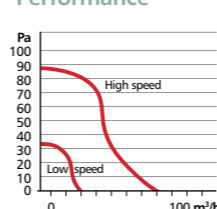
| Description | 230V | SELV (230/12V) |
|--|-------|----------------|
| Max Extract Volume (m ³ /h) | 72 | 72 |
| Max Extract Volume (l/s) | 20 | 20 |
| Max Pressure (Pa) | 84 | 84 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 40 | 40 |
| Max Sound dB(A)@3m | 35 | 35 |
| Weight (kg) | 1.8 | 3.88 |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110 | 110 |
| Window-Fit Hole Diameter (mm) | - | - |
| Suitable Glass Thickness (mm) | - | - |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 205 B: 305 C: 75 D: 45 E: 40 F: 163 G: 52.5 H: 100

Performance



Models available

| | |
|-------------|--|
| ENX100 | Single speed - standard |
| ENX100P | Single speed - pull cord |
| ENX100T | Single speed - timer |
| ENX100HTP | Single speed - timer, humidistat and pull cord |
| ENX100LV | Single speed - SELV - standard |
| ENX100LVT | Single speed - SELV - timer |
| ENX100LVHT | Single speed - SELV - timer and humidistat |
| ENX1002SC | Twin speed - standard |
| ENX1002SP | Twin speed - pull cord |
| ENX1002SHTP | Twin speed - humidistat and pull cord |
| ENX1002SCP | Twin speed - continuous trickle - pull cord boost |
| ENX1002SHB | Twin speed - continuous trickle - humidistat boost |

Code no. Accessories

| | |
|-------------|------------------------------------|
| ENX100WFK* | Wall fixing kit (dual flow) 333mm |
| ENX100WFK1* | Wall fixing kit (dual flow) 1000mm |
| ENX100CFK* | Ceiling fixing kit (dual flow) |
| ENX100WVK* | Window fixing kit (dual flow) |

*Energex appliance required.

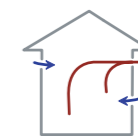
MECHANICAL
EXTRACT
VENTILATION
(MEV)

To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

Application code:



Silavent MEV systems provide discreet constant low level ventilation through a central appliance. All units are designed to work seamlessly with Domus duct systems.



When installed in line with best practice guidance given in section 3.1 of the Domestic Ventilation Compliance Guide 2010, Silavent MEV systems provide a very efficient and consumer-friendly ventilation strategy.

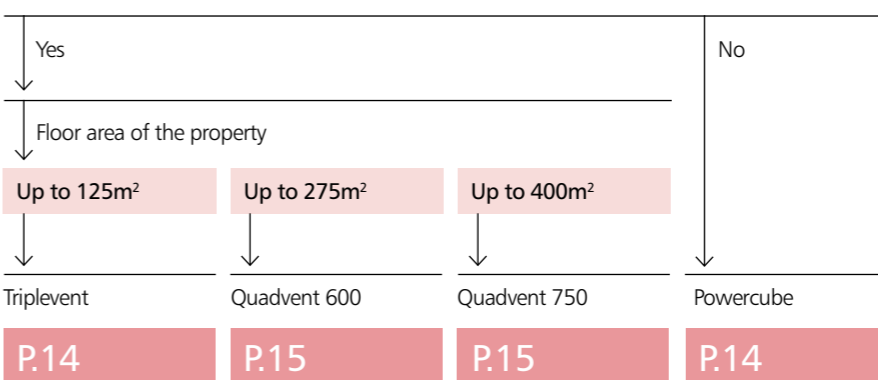
All models are available with trickle and boost functions as well as more sophisticated control options to suit the application.

The Domestic Ventilation Compliance Guide is available to download from www.polypipe.com/ventilation

MEV SELECTOR

STEP 2

Do you have space to route multiple ventilation ducts to the appliance location?





TRIPLEVENT CENTRALISED MEV

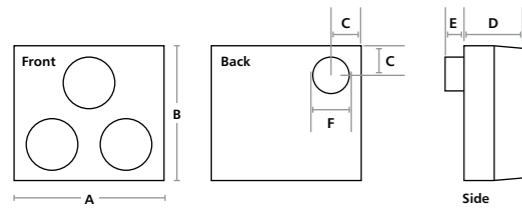


- Up to 3 room independent switching
- 2 speed options

Technical data

| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 240 |
| Max Extract Volume (l/s) | 67 |
| Max Pressure (Pa) | 300 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 200 |
| Max Sound dB(A)@3m | 19 |
| Insulation Class | 2 |
| Weight (kg) | 3.1 |
| IP Rating | X3 |
| Max Temp (°C) | 40 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 337 B: 294 C: 74 D: 121 E: 36 F: 100

Models available

| | |
|-----------|--------------------------------------|
| TVT240 | Standard - high/low speed |
| TVT240SST | Single speed - timer |
| TVT240TST | Continuous trickle - boost and timer |

Code no. Controls

| | |
|---------|--|
| ANC108A | Overrun timer |
| ANC802A | Humidistat with overrun timer |
| ANC808A | Humidistat with pull cord switch |
| ANC846A | Duct mounted humidistat with remote sensor and overrun timer |
| ANC813A | PIR switch with overrun timer |



Try to avoid too many bends in a duct system as each 90 degree bend approximates to 4 metres of rectangular duct or 10 metres of round.

POWERCUBE CENTRALISED MEV

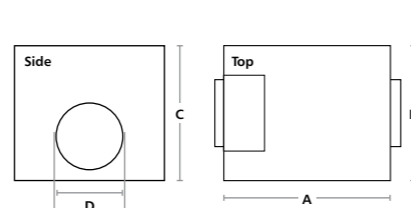


- Up to 4 room independent switching
- Acoustic lining
- 4 speed options
- High extract performance

Technical data

| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 720 |
| Max Extract Volume (l/s) | 200 |
| Max Pressure (pa) | 450 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 200 |
| Max Sound dB(A)@3m | 19 |
| Insulation Class | 1 |
| Weight (kg) | 10.4 |
| IP Rating | - |
| Max Temp (°C) | 40 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 345 B: 280 C: 335 D: 150

Models available

| | |
|------------|---|
| PWC750 | Standard - high/low speed |
| PWC750TST | Continuous trickle - boost and timer |
| PWC750HTST | Continuous trickle - multi-switch boost, humidistat and timer |
| PWC750REG | Continuous trickle - adjustable speed, humidistat and timer |

Code no. Controls

| | |
|---------|--|
| ANC108A | Overrun timer |
| ANC802A | Humidistat with overrun timer |
| ANC808A | Humidistat with pull cord switch |
| ANC846A | Duct mounted humidistat with remote sensor and overrun timer |
| ANC813A | PIR switch with overrun timer |

QUADVENT 600 CENTRALISED MEV

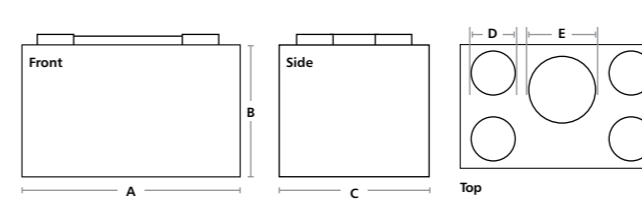


- Up to 4 room independent switching
- Acoustic lining
- 4 speed options
- Can be wall mounted

Technical data

| Description | 230V |
|--|------------------------|
| Max Extract Volume (m ³ /h) | 500 |
| Max Extract Volume (l/s) | 139 |
| Max Pressure (Pa) | 400 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 135 |
| Max Sound dB(A)@3m | Available upon request |
| Insulation Class | 1 |
| Weight (kg) | 10.4 |
| IP Rating | - |
| Max Temp (°C) | 40 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 460 B: 280 C: 335 D: 100 E: 150

Models available

| | |
|------------|---|
| QVT600 | Standard - high/low speed |
| QVT600TST | Continuous trickle - boost and timer |
| QVT600HTST | Continuous trickle - multi-switch boost, humidistat and timer |

Code no. Controls

| | |
|---------|--|
| ANC108A | Overrun timer |
| ANC802A | Humidistat with overrun timer |
| ANC808A | Humidistat with pull cord switch |
| ANC846A | Duct mounted humidistat with remote sensor and overrun timer |
| ANC813A | PIR switch with overrun timer |

QUADVENT 750 CENTRALISED MEV

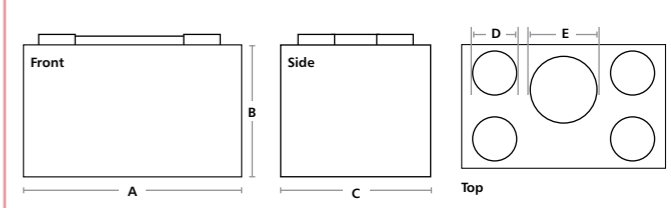


- Up to 4 room independent switching
- Acoustic lining
- 4 speed options
- Can be wall mounted

Technical data

| Description | 230V |
|--|------------------------|
| Max Extract Volume (m ³ /h) | 720 |
| Max Extract Volume (l/s) | 200 |
| Max Pressure (Pa) | 450 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 200 |
| Max Sound dB(A)@3m | Available upon request |
| Insulation Class | 1 |
| Weight (kg) | 12.2 |
| IP Rating | - |
| Max Temp (°C) | 40 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 460 B: 280 C: 335 D: 100 E: 150

Models available

| | |
|-----------|--------------------------------------|
| QVT750 | Standard - high/low speed |
| QVT750TST | Continuous trickle - boost and timer |

Code no. Controls

| | |
|---------|--|
| ANC108A | Overrun timer |
| ANC802A | Humidistat with overrun timer |
| ANC808A | Humidistat with pull cord switch |
| ANC846A | Duct mounted humidistat with remote sensor and overrun timer |
| ANC813A | PIR switch with overrun timer |



Regulations changed in October 2010. Ventilation is now notifiable work. To find out how to become a BPEC accredited Ventilation Installer, turn to page 90.



FANS

To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

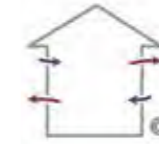
Application code:

-  Kitchen
-  Utility room
-  Bathroom
-  Commercial
-  Toilet
-  Whole house

Silavent

INTERMITTENT EXTRACT FANS

Silavent intermittent extract fans provide rapid, local extraction and include axial, centrifugal and in-line options. The Silavent brand has a superb reputation for reliability and ease of installation.



The range includes low voltage (SELV) variants and control features such as timer, pull cord and humidistat options. For maintained properties where units may need to be replaced on a planned basis, Silavent Mayfair plug-in specification fans are the ideal solution.

With the **NEW** Silavent Green Line range, Polypipe offer energy efficient versions for customers looking to exceed the standards of 2010 Building Regulations.

Fan options:

■ Axial

Axial fans have blades that force air to move parallel to the shaft (or axis) about which the blades rotate, hence their name. Axial fans are suited to short duct runs which connect directly to an external outlet or grille.

■ Centrifugal

Centrifugal fans force air to move at right angles to the intake of the fan using centrifugal force. These centrifugal fans produce more pressure to overcome resistance encountered in longer duct runs and are typically quieter than a comparable axial fan.

■ In-line

As the name suggests, in-line fans are duct-mounted axial, centrifugal or mixed flow fans. Mixed flow fans move air in both an axial and radial direction relative to the shaft and will develop higher air pressure but move less air than similar size axial fans. As an added benefit to the installer, in-line fans also reduce the need for core-drilling.

Installation guidance:

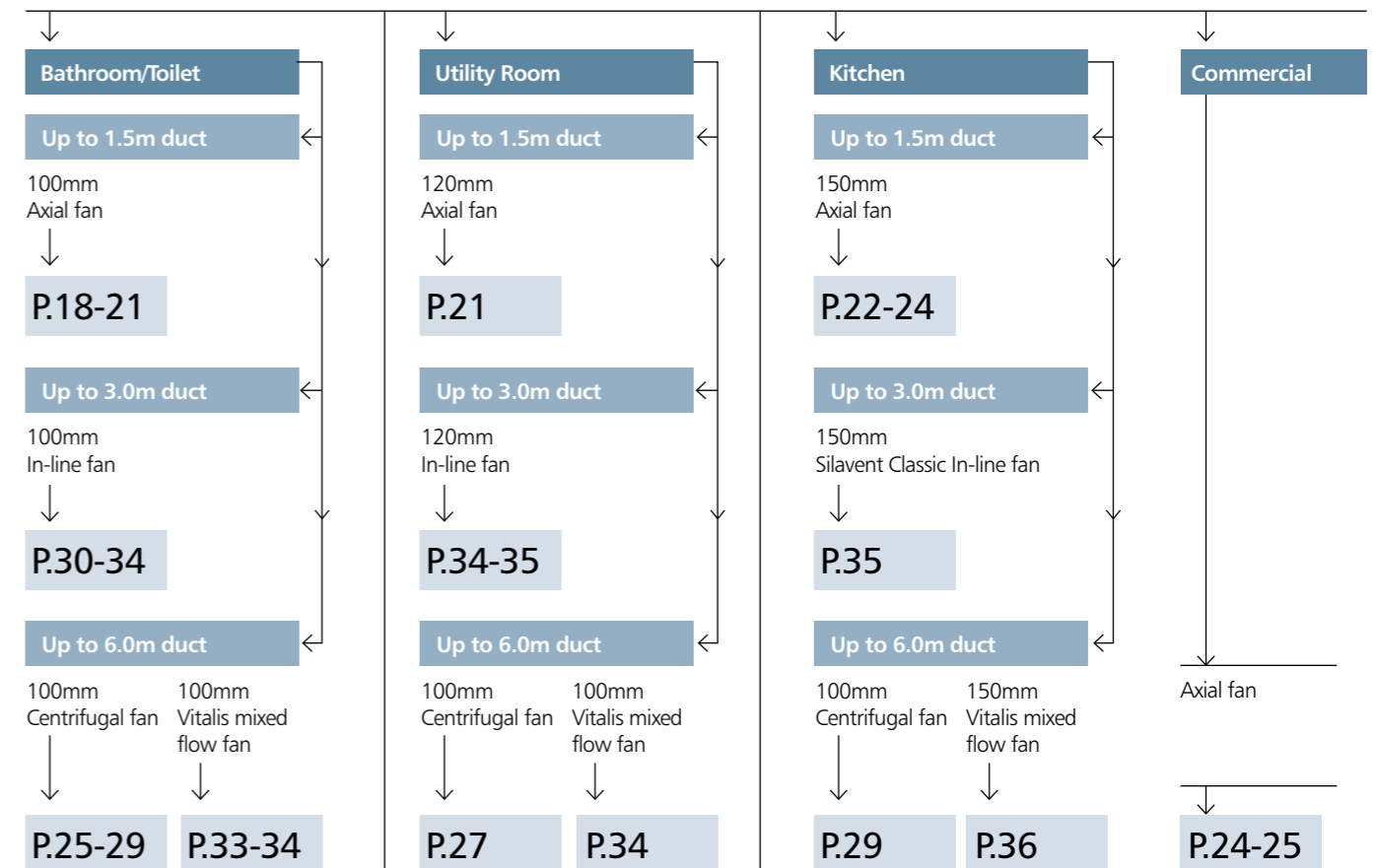
Straightforward guidance on the location and installation of intermittent extract fans is given in section 2.1 (p9) of the Domestic Compliance Guide 2010 which can be downloaded from www.polypipe.com/ventilation



FAN SELECTOR

STEP 2

Which room is the fan required to ventilate?



 AXIAL FANS



100mm (4") ENERGY EFFICIENT

GREEN LINE RANGE



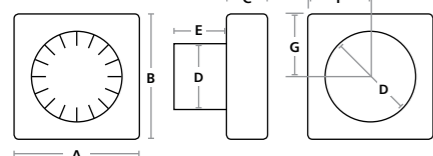
- Exceeds 2010 Building Regulations
- Offers one of the lowest SFP's available, at 0.22 W/(l/s)
- Uses up to 70% less power on standby than many other low energy fans
- Reduces carbon emissions by up to 60% (combined running and standby)



Technical data

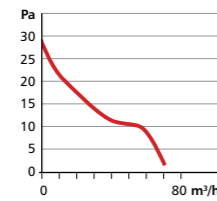
| Description | 230V | SELV (230/12V) |
|--|---------------|----------------|
| Max Extract Volume (m ³ /h) | 69.5 | 69.5 |
| Max Extract Volume (l/s) | 19.3 | 19.3 |
| Max Pressure (Pa) | 28 | 28 |
| Supply Frequency (Hz) | 50 | 50 |
| Specific Fan Power W/(l/s) | 0.22 | 0.22 |
| Max Power (W) | 4/Standby 0.2 | 4/Standby 0.2 |
| Max Sound dB(A)@3m | 34 | 34 |
| Weight (kg) | 0.45 | 0.50 |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110-115 | 110-115 |
| Window-Fit Hole Diameter (mm) | 127-140 | 127-140 |
| Suitable Glass Thickness (mm) | 4-25 | 4-25 |
| Warranty | 2 yrs | 2 yrs |

Dimensions



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

Performance



| Models available | SELV | Back Draught | Retail Pack | Pull Cord | Timer | Humidistat | PIR |
|------------------|------|--------------|-------------|-----------|-------|------------|-----|
| Code no. | | | | | | | |
| GLA100-S | | | | | | | |
| GLA100-SBS | | | | | | | |
| GLA100-SR | | | | | | | |
| GLA100-T | | | | | | | |
| GLA100-TBS | | | | | | | |
| GLA100-TR | | | | | | | |
| GLA100-PC | | | | | | | |
| GLA100-PCBS | | | | | | | |
| GLA100-PCR | | | | | | | |
| GLA100-H | | | | | | | |
| GLA100-HBS | | | | | | | |
| GLA100-HR | | | | | | | |
| GLA100-HPC | | | | | | | |
| GLA100-HPCBS | | | | | | | |
| GLA100-HPCR | | | | | | | |
| GLA100-PIR | | | | | | | |
| GLA100-PIRBS | | | | | | | |
| GLA100LV-S | | | | | | | |
| GLA100LV-SBS | | | | | | | |
| GLA100LV-T | | | | | | | |
| GLA100LV-TBS | | | | | | | |
| GLA100LV-PC | | | | | | | |
| GLA100LV-PCBS | | | | | | | |
| GLA100LV-H | | | | | | | |
| GLA100LV-HBS | | | | | | | |
| GLA100LV-HPC | | | | | | | |
| GLA100LV-HPCBS | | | | | | | |
| GLA100LV-PIR | | | | | | | |
| GLA100LV-PIRBS | | | | | | | |

Code no. Accessories

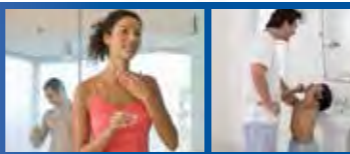
| | |
|-----------|--------------------|
| SDF901WFK | Window fitting kit |
| 1K | Wall fitting kit |



Energy efficiency
with style and performance...

...Silavent Green Line
Intermittent Extract Fans

Specifically designed to comply with 2010 Building Regulations and significantly reduce energy consumption.



 Polypipe

 AXIAL FANS



100mm (4") STANDARD AXIAL

SDF RANGE



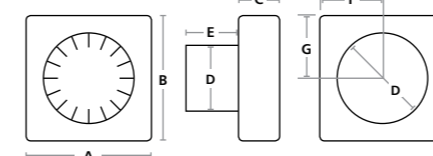
- Provides effective ventilation
- Modern fascia for discreet integration within the bathroom or toilet
- Extract rates to meet 2010 Building Regulation requirements



Technical data

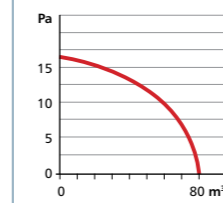
| Description | 230V | SELV (230/12V) |
|--|---------|----------------------|
| Max Extract Volume (m ³ /h) | 80 | 80 |
| Max Extract Volume (l/s) | 22 | 22 |
| Max Pressure (Pa) | 16 | 16 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 12 | 20 |
| Max Sound dB(A)@3m | 32 | 36.6 |
| Weight (kg) | 0.6 | 1.5 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110-115 | 110-115 |
| Window-Fit Hole Diameter (mm) | 127-140 | 127-140 |
| Suitable Glass Thickness (mm) | 4-25 | 4-25 |
| Warranty | 2 yrs | 2 yrs |

Dimensions



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

Performance



| Models available | SELV | Back Draught | Retail Pack | Pull Cord | Timer | Humidistat | PIR |
|------------------|------|--------------|-------------|-----------|-------|------------|-----|
| Code no. | | | | | | | |
| SDF100B | | | | | | | |
| SDF100BLV | | | | | | | |
| SDF100BS | | | | | | | |
| SDF100BLVS | | | | | | | |
| SDF100-SR | | | | | | | |
| SDF100PB | | | | | | | |
| SDF100PBS | | | | | | | |
| SDF100-PCR | | | | | | | |
| SDF100TB | | | | | | | |
| SDF100TBLV | | | | | | | |
| SDF100TBS | | | | | | | |
| SDF100TBLVS | | | | | | | |
| SDF100-TR | | | | | | | |
| SDF100HTB | | | | | | | |
| SDF100HTBLV | | | | | | | |
| SDF100HTBS | | | | | | | |
| SDF100HTBLVS | | | | | | | |
| SDF100-HR | | | | | | | |
| SDF100HBPCLV | | | | | | | |
| SDF100-HPCR | | | | | | | |
| SDF100PIR | | | | | | | |
| SDF100PIRLV | | | | | | | |
| SDF100PIRS | | | | | | | |

Code no. Accessories

| | |
|-----------|--------------------|
| SDF901WFK | Window fitting kit |
| 1K | Wall fitting kit |

TECHNICAL
TIPS...



- Using the graphs provided for each fan, ensure the required extract rate can be maintained whilst overcoming duct system resistance
- Ensure both the Voltage and IP rating are appropriate to the electrical safety zone
- Pull cord fans should not be mounted on the ceiling
- Humidistat fans should not be selected for WC applications
- Intermittent Extract Fans require replacement air supply, replacement air supply kits are listed on page 76

 AXIAL FANS



100mm (4") AUTO SHUTTER

SVC RANGE



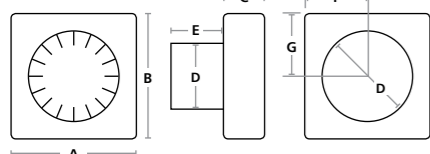
- Automatic shutters prevent backdraught from entering bathroom or toilet
- Shutters are operated mechanically on the pull cord version or via thermoactuator system on all other models



Technical data

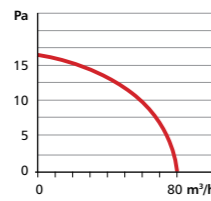
| Description | 230V | SELV (230/12V) |
|--|---------|----------------------|
| Max Extract Volume (m ³ /h) | 80 | 80 |
| Max Extract Volume (l/s) | 22 | 22 |
| Max Pressure (Pa) | 16 | 16 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 12 | 20 |
| Max Sound dB(A)@3m | 32 | 36.6 |
| Weight (kg) | 0.6 | 1.5 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110-115 | 110-115 |
| Window-Fit Hole Diameter (mm) | 127-140 | 127-140 |
| Suitable Glass Thickness (mm) | 4-25 | 4-25 |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 154 B: 156 C: 31 D: 99 E: 54 F: 77 G: 78

Performance



100mm (4") COMPACT

CLASSIC RANGE



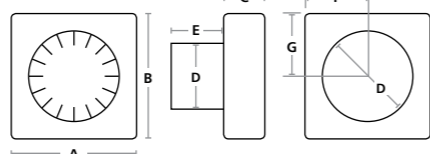
- Classic design styling
- Compact for easier and discreet installation
- Extracts a high volume of air
- Low standby power usage



Technical data

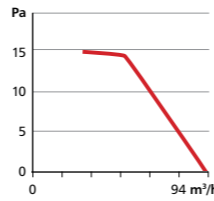
| Description | 230V | SELV (230/12V) |
|--|----------------|----------------------|
| Max Extract Volume (m ³ /h) | 94 | 94 |
| Max Extract Volume (l/s) | 26 | 26 |
| Max Pressure (Pa) | 14 | 14 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 15/Standby 0.2 | 15/Standby 0.2 |
| Max Sound dB(A)@3m | 38 | 38 |
| Weight (kg) | 0.6 | 1.5 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110-115 | 110-115 |
| Window-Fit Hole Diameter (mm) | 127-133 | 127-133 |
| Suitable Glass Thickness (mm) | 3-22 | 3-22 |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 141 B: 141 C: 33 D: 99 E: 58 F: 70.5 G: 70.5

Performance


 AXIAL FANS



100mm (4") LOW PROFILE

SLP RANGE



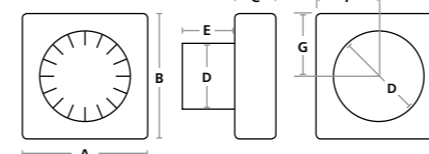
- Includes both round and rectangular fascias
- Offers discreet installation



Technical data

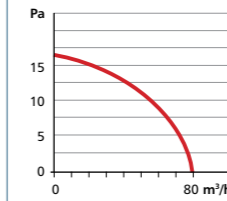
| Description | 230V | SELV (230/12V) |
|--|---------|----------------------|
| Max Extract Volume (m ³ /h) | 80 | 80 |
| Max Extract Volume (l/s) | 22 | 22 |
| Max Pressure (Pa) | 16 | 16 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 10 | 12 |
| Max Sound dB(A)@3m | 36.6 | 36.6 |
| Weight (kg) | 1 | 1.5 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 110-115 | 110-115 |
| Window-Fit Hole Diameter (mm) | - | - |
| Suitable Glass Thickness (mm) | - | - |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 140 B: 140 C: 8 D: 99 E: 102 F: 70 G: 70

Performance



120mm (5") STANDARD AXIAL

SDF RANGE



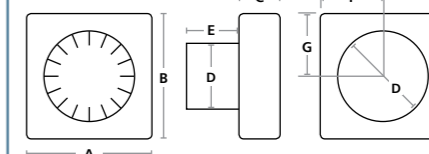
- Provides effective ventilation
- Modern fascia for discreet integration within the bathroom or toilet
- Extract rates to meet 2010 Building Regulation requirements



Technical data

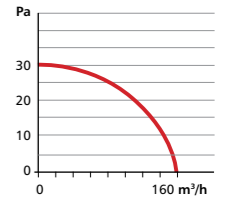
| Description | 230V |
|--|---------|
| Max Extract Volume (m ³ /h) | 162 |
| Max Extract Volume (l/s) | 45 |
| Max Pressure (Pa) | 30 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 35 |
| Max Sound dB(A)@3m | 36.6 |
| Weight (kg) | 0.8 |
| IP Rating | X4 |
| Max Temp (°C) | 50 |
| Wall-Fit Hole Diameter (mm) | 135-140 |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 197 B: 197 C: 37 D: 118 E: 65 F: 98.5 G: 98.5

Performance



| Models available | | | | | |
|------------------|--------------------|-----------|-------|------------|-----|
| | SELV | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | | |
| SVC100B | | | | | |
| SVC100BLV | • | | | | |
| SVC100PB | | • | | | |
| SVC100TB | | | • | | |
| SVC100TBLV | • | | • | | |
| SVC100HTB | | | • | • | |
| SVC100HTBLV | • | | • | • | |
| SVC100HTBPC | | • | • | • | |
| Code no. | Accessories | | | | |
| SDF901WFK | Window fitting kit | | | | |
| 1K | Wall fitting kit | | | | |

This fan is not ceiling mountable.

| Models available | | | | | |
|----------------------------|---------------------------------|-------------|-----------|-------|------------|
| | SELV | Retail Pack | Pull Cord | Timer | Humidistat |
| Code no. | | | | | |
| S1 | | | | | |
| S1R | | • | | | |
| P1 | | | • | | |
| P1R | | • | • | | |
| T1 | | | | • | |
| T1R | | • | | • | |
| H1 | | | | • | • |
| H1R | | • | | • | • |
| SL1 (requires transformer) | • | | | | |
| TL1VKR | • | • | | | |
| Code no. | Accessories | | | | |
| VS | 12V Transformer | | | | |
| VT | 12V Transformer with timer | | | | |
| VH | 12V Transformer with humidistat | | | | |
| 1W | Window fitting kit | | | | |
| 1K | Wall fitting kit | | | | |

| Models available | | | | | |
|------------------|-----------------------------------|-----------|-------|------------|-----|
| | SELV | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | | |
| SLP100B | | | | | |
| SLP100BLV | • | | | | |
| SLP100TB | | | • | | |
| SLP100TBLV | • | | • | | |
| SLP100HTB | | | • | • | |
| SLP100HTBLV | • | | • | • | |
| Code no. | Accessories | | | | |
| 1K | Wall fitting kit | | | | |
| SLP712A | Chrome fascia, round, 100mm | | | | |
| SLP710A | Chrome fascia, rectangular, 100mm | | | | |

| Models available | | | | |
|------------------|-----------|-------|------------|-----|
| | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | |
| SDF120B | | | | |
| SDF120PB | • | | | |
| SDF120TB | | • | | |
| SDF120HTB | | • | • | |



Always ensure that provision has been made for sufficient replacement air in rooms with mechanical extraction. See page 76.

 AXIAL FANS



150mm (6") ENERGY EFFICIENT

GREEN LINE RANGE



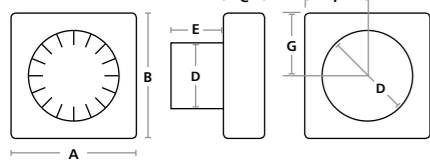
- Exceeds 2010 Building Regulations
- Offers a very low SFP down to 0.32 W/(l/s)
- Reduces carbon emissions



Technical data

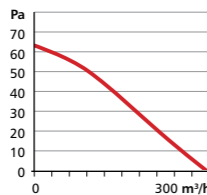
| Description | 230V |
|--|---------|
| Max Extract Volume (m ³ /h) | 294 |
| Max Extract Volume (l/s) | 81.5 |
| Max Pressure (Pa) | 62 |
| Supply Frequency (Hz) | 50 |
| Specific Fan Power W/(l/s) | 0.32 |
| Max Power (W) | 26.2 |
| Max Sound dB(A)@3m | 39 |
| Weight (kg) | 0.95 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | 160-165 |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 206 B: 206 C: 10 D: 149 E: 117 F: 103 G: 103

Performance



150mm (6") STANDARD AXIAL

SDF RANGE



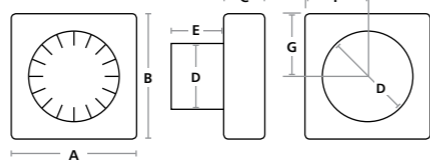
- Provides effective ventilation
- Modern fascia for discreet integration within the bathroom or toilet
- Extract rates to meet 2010 Building Regulation requirements
- Twin speed options available for greater flexibility



Technical data

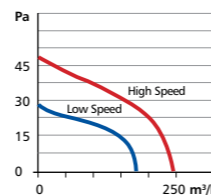
| Description | 230V | SELV (230/12V) |
|--|--------------------|----------------------|
| Max Extract Volume (m ³ /h) | High 240/Low 175 | 240 |
| Max Extract Volume (l/s) | High 67/Low 48 | 67 |
| Max Pressure (Pa) | 50 | 50 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | High 35/Low 25 | 35 |
| Max Sound dB(A)@3m | High 37.3/Low 32.7 | 37.3 |
| Weight (kg) | 1 | 1.9 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | 170 | 170 |
| Window-Fit Hole Diameter (mm) | 185 | 185 |
| Suitable Glass Thickness (mm) | 4-35 | 4-35 |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 205 B: 220 C: 53 D: 155 E: 53 F: 102.5 G: 110

Performance


 AXIAL FANS



150mm (6") AUTO SHUTTER

SVC RANGE



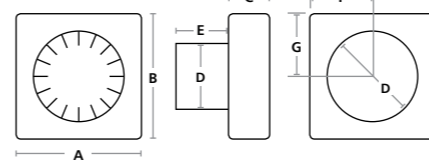
- Automatic shutters prevent backdraught from entering bathroom or toilet
- Shutters are operated mechanically on the pull cord version or via thermoactuator system on all other models
- Twin speed options available for greater flexibility



Technical data

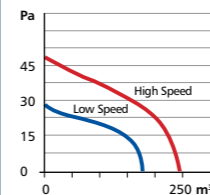
| Description | 230V |
|--|--------------------|
| Max Extract Volume (m ³ /h) | High 240/Low 175 |
| Max Extract Volume (l/s) | High 67/Low 48 |
| Max Pressure (Pa) | 50 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 35/Low 25 |
| Max Sound dB(A)@3m | High 37.3/Low 32.7 |
| Weight (kg) | 1 |
| IP Rating | X3 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | 170 |
| Window-Fit Hole Diameter (mm) | 185 |
| Suitable Glass Thickness (mm) | 4-35 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 205 B: 220 C: 48 D: 155 E: 53 F: 102.5 G: 110

Performance



150mm (6") COMPACT

CLASSIC RANGE



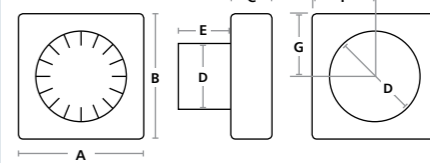
- Classic design styling
- Compact for easier and discreet installation
- Extracts a high volume of air
- Low standby power usage



Technical data

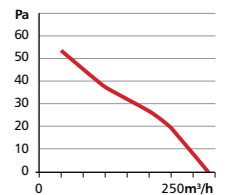
| Description | 230V |
|--|----------------|
| Max Extract Volume (m ³ /h) | 248 |
| Max Extract Volume (l/s) | 69 |
| Max Pressure (Pa) | 50 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 33/Standby 0.2 |
| Max Sound dB(A)@3m | 48.9 |
| Weight (kg) | 0.8 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | 160-165 |
| Window-Fit Hole Diameter (mm) | 182-192 |
| Suitable Glass Thickness (mm) | 3-22 |
| Warranty | 2 yrs |

Dimensions



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

Performance



| Models available | Pull Cord | Timer | Humidistat | PIR |
|------------------|------------------|-------|------------|-----|
| Code no. | | | | |
| GLA150-S | | | | |
| GLA150-T | | • | | |
| GLA150-PC | • | | | |
| GLA150-H | | • | • | |
| GLA150-HPC | • | • | • | |
| Code no. | Accessories | | | |
| 15K | Wall fitting kit | | | |

| Models available | SELV | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|------------|-----------|-------|------------|-----|
| Code no. | | | | | | |
| SDF150B | | | | | | |
| SDF150BLV | • | | | | | |
| SDF150PB | | | • | | | |
| SDF150PBTW | | • | • | | | |
| SDF150TB | | | | | • | |
| SDF150TBLV | • | | | | • | |
| SDF150HTB | | | | | • | |
| SDF150HTBTW | | • | • | | • | |
| SDF150HBPC | | | • | | • | |
| SDF150PIR | | | | | • | • |
| Code no. | Accessories | | | | | |
| SDF911WFK | Window fitting kit | | | | | |
| SDF911W | Wall fitting kit | | | | | |

| Models available | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| SVC150B | | | | | |
| SVC150PB | | • | | | |
| SVC150PBTW | | • | • | | |
| SVC150TB | | | | • | |
| SVC150HB | | | | | • |
| SVC150HBTW | • | | | | • |
| SVC150HTB | | • | • | • | |
| Code no. | Accessories | | | | |
| SVC901WFK | Window fitting kit | | | | |
| SVC901W | Wall fitting kit | | | | |

This fan is not ceiling mountable.

| Models available | Retail Pack | Window Kit | Wall Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|------------|----------|-----------|-------|------------|-----|
| Code no. | | | | | | | |
| S15 | | | | | | | |
| P15 | | | | • | | | |
| P15KR | • | | • | • | | | |
| P15WR | • | • | | • | | | |
| T15 | | | | | • | | |
| H15 | | | | | | • | • |
| Code no. | Accessories | | | | | | |
| 15W | Window fitting kit | | | | | | |
| 15K | Wall fitting kit | | | | | | |

 AXIAL FANS



150mm (6") LOW PROFILE

SLP RANGE



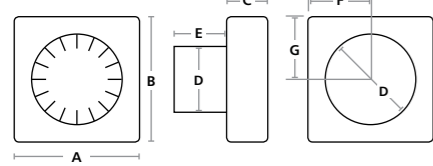
- Includes both round and rectangular fascias
- Offers discreet installation



Technical data

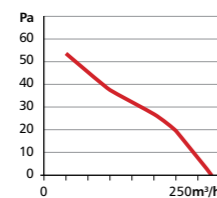
| Description | 230V |
|--|---------|
| Max Extract Volume (m ³ /h) | 240 |
| Max Extract Volume (l/s) | 67 |
| Max Pressure (Pa) | 48 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 20 |
| Max Sound dB(A)@3m | 36.6 |
| Weight (kg) | 1.2 |
| IP Rating | X4 |
| Max Temp (°C) | 50 |
| Wall-Fit Hole Diameter (mm) | 160-165 |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 190 B: 190 C: 20 D: 150 E: 122 F: 95 G: 95

Performance



230mm COMMERCIAL

SVS RANGE



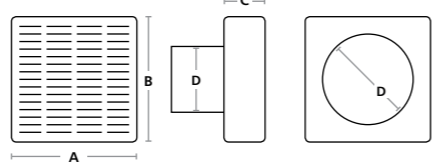
- High air flow performance
- Two speed options to suit application
- Window and wall options



Technical data

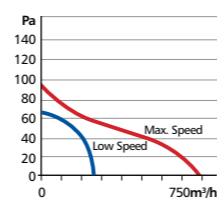
| Description | 230V |
|--|------------------|
| Max Extract Volume (m ³ /h) | High 750/Low 280 |
| Max Extract Volume (l/s) | High 280/Low 78 |
| Max Pressure (Pa) | - |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 40/Low 15 |
| Max Sound dB(A)@3m | 47.4 |
| Weight (kg) | 6.6 |
| IP Rating | X2 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | 4-48 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 321 B: 331 C: 141 D: 230

Performance



| Models available | Pull Cord | Timer | Humidistat | PIR |
|------------------|------------------|-------|------------|-----|
| Code no. | | | | |
| SLP150B | | | | |
| SLP150TB | | ● | | |
| Code no. | Accessories | | | |
| 15K | Wall fitting kit | | | |

| Models available | Window Fit | Wall Fit | Pull Cord | Timer | Humidistat | PIR |
|------------------|---------------------------------------|----------|-----------|-------|------------|-----|
| Code no. | | | | | | |
| SVS230B | ● | | | | | |
| SVS230BWAL | | ● | | | | |
| Code no. | Accessories | | | | | |
| SVS843A | Multi-speed and reversible controller | | | | | |

 AXIAL FANS

300mm COMMERCIAL

SVS RANGE



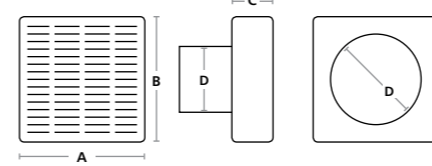
- Very high air flow performance
- Two speed options to suit application
- Window and wall options



Technical data

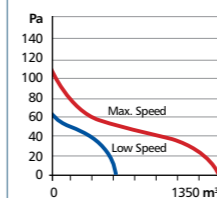
| Description | 230V |
|--|-------------------|
| Max Extract Volume (m ³ /h) | High 1350/Low 600 |
| Max Extract Volume (l/s) | High 375/Low 165 |
| Max Pressure (Pa) | - |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 75/Low 35 |
| Max Sound dB(A)@3m | 51 |
| Weight (kg) | 3.7 |
| IP Rating | X2 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | 4-48 |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 375 B: 385 C: 148 D: 300

Performance



| Models available | Window Fit | Wall Fit | Pull Cord | Timer | Humidistat | PIR |
|------------------|---------------------------------------|----------|-----------|-------|------------|-----|
| Code no. | | | | | | |
| SVS300B | ● | | | | | |
| SVS300BWAL | | ● | | | | |
| Code no. | Accessories | | | | | |
| SVS843A | Multi-speed and reversible controller | | | | | |

 CENTRIFUGAL FANS



100mm (4") ENERGY EFFICIENT

CURZON GREEN LINE RANGE



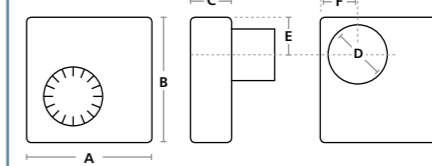
- Exceeds 2010 Building Regulations
- Offers a low SFP down to 0.45 W/(l/s)
- Reduces carbon emissions by up to 70%



Technical data

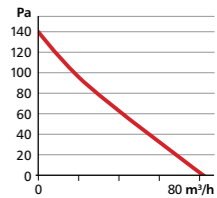
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 80 |
| Max Extract Volume (l/s) | 22 |
| Max Pressure (Pa) | 150 |
| Supply Frequency (Hz) | 50 |
| Specific Fan Power W/(l/s) | 0.45 |
| Max Power (W) | 10 |
| Max Sound dB(A)@3m | 26 |
| Weight (kg) | 1.1 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 216 B: 195 C: 98 D: 80/100 E: 32/57 F: 50 G: 52

Performance



| Models available | Pull Cord | Timer | Humidistat | PIR |
|------------------|--|-------|------------|-----|
| Code no. | | | | |
| CUR7001BLW | | | | |
| CUR7002BLW | ● | | | |
| CUR7003BLW | | ● | | |
| Code no. | Accessories | | | |
| CUR501A | Fire shutter back plate (1 hour rated) | | | |



Unsure which fan or duct system would be the most suitable for your application? Give us a call on **08443 715523**.

CENTRIFUGAL FANS

Silavent

100mm (4") STANDARD CENTRIFUGAL
CURZON RANGE

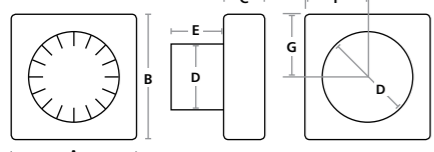
- Provides effective ventilation
- Discreet integration within the bathroom or toilet
- Extract rates to meet 2010 Building Regulation requirements



Technical data

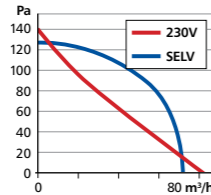
| Description | 230V | SELV (230/12V) |
|--|-------|--------------------|
| Max Extract Volume (m ³ /h) | 80 | 72 |
| Max Extract Volume (l/s) | 22 | 20 |
| Max Pressure (Pa) | 150 | 125 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | 35 | 44 |
| Max Sound dB(A)@3m | 26 | 29.4 |
| Weight (kg) | 1.1 | 2 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | - | - |
| Window-Fit Hole Diameter (mm) | - | - |
| Suitable Glass Thickness (mm) | - | - |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 216 B: 195 C:98 D: 80/100 E: 32/57 F: 50 G: 52

Performance



| Models available | | | | | |
|------------------|------|-----------|-------|------------|-----|
| | SELV | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | | |
| CUR7001B | | | | | |
| CUR7002B | | ● | | | |
| CUR7003B | | | ● | | |
| CUR7004B | | ● | ● | ● | |
| CUR7005B | | | ● | | ● |
| CUR9003LV | ● | | ● | | |
| CUR9004LV | ● | | ● | | |

| Code no. | Accessories |
|----------|--|
| CUR501A | Fire shutter back plate (1 hour rated) |

Models with in-line kits available on page 31.
Please see the DVF range.

100mm (4") ENERGY EFFICIENT PLUG-IN
MAYFAIR 70 GREEN LINE RANGE

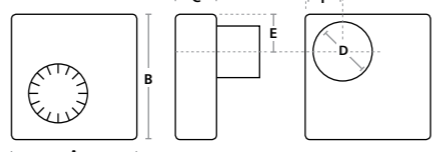
- Exceeds 2010 Building Regulations
- Offers a low SFP down to 0.50 W/(l/s)
- Reduces carbon emissions by up to 70%
- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced



Technical data

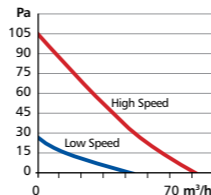
| Description | 230V |
|--|--------------|
| Max Extract Volume (m ³ /h) | Hi 72/Low 43 |
| Max Extract Volume (l/s) | Hi 20/Low 12 |
| Max Pressure (Pa) | 105 |
| Supply Frequency (Hz) | 50 |
| Specific Fan Power W/(l/s) | 0.50 |
| Max Power (W) | Hi 10/Low 6 |
| Max Sound dB(A)@3m | Hi 22/Low 12 |
| Weight (kg) (Fan Only) | 1.7 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 250 B: 250 C: 40 D: 85 E: 63 F: 63

Performance



| Models available | | | | | |
|------------------|-----------------|-----------|-------|------------|-----|
| | dMEV/Twin Speed | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | | |
| MSS070BLW | | | | | |
| MTD070BLW | | | ● | | |
| MCC070BLW | | | ● | ● | |
| MTS070BLW | ● | | | | |
| MTT070BLW | ● | | ● | | |

| Code no. | Accessories |
|----------|---|
| MAY905B | Back box - recessed - rear entry (Domus 100mm) |
| MAY504A | Back box - surface - rear entry (Domus 100mm) |
| PFL420A | Back box - ceiling - side entry (Domus 110x54mm) |
| MAY901A | Washable filter cover (not for use with humidistat and PIR) |

Installation note: The Mayfair range is designed to be installed in two stages – the building in frame is installed first to reduce on-site damage, followed by a plug-in fan body which allows easy maintenance and replacement. This system has proven to be highly effective on large building projects.

CENTRIFUGAL FANS

Silavent

100MM (4") PLUG-IN
MAYFAIR 70 RANGE

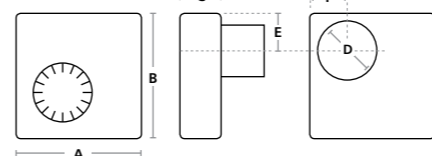
- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced
- Twin speed options available for greater flexibility



Technical data

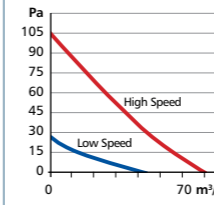
| Description | 230V | SELV (230/12V) |
|--|--------------|----------------------|
| Max Extract Volume (m ³ /h) | Hi 70/Low 43 | 70 |
| Max Extract Volume (l/s) | Hi 19/Low 12 | 19 |
| Max Pressure (Pa) | 105 | 105 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | Hi 35/Low 20 | 45 |
| Max Sound dB(A)@3m | Hi 22/Low 12 | 22 |
| Weight (kg) (Fan Only) | 1.7 | 3.5 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | - | - |
| Window-Fit Hole Diameter (mm) | - | - |
| Glass Thickness (mm) | - | - |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
A: 250 B: 250 C: 40 D: 85 E: 63 F: 63

Performance



| Models available | | | | | |
|------------------|------|-----------------|-----------|-------|------------|
| | SELV | dMEV/Twin Speed | Pull Cord | Timer | Humidistat |
| Code no. | | | | | PIR |
| MSS070B | ● | | | | |
| MSS070BLV | ● | | ● | | |
| MPC070B | | | | ● | |
| MTD070B | | | | ● | |
| MTD070BLV | ● | | | ● | |
| MCC070B | | | | ● | ● |
| MCC070BLV | ● | | | ● | ● |
| MIR070B | | | | ● | ● |
| MTS070B | | ● | | | |
| MTT070B | | ● | ● | | |

| Code no. | Accessories |
|----------|---|
| MAY905B | Back box - recessed - rear entry (Domus 100mm) |
| MAY504A | Back box - surface - rear entry (Domus 100mm) |
| PFL420A | Back box - ceiling - side entry (Domus 110x54mm) |
| MAY901A | Washable filter cover (not for use with humidistat and PIR) |

100mm (4") PLUG-IN HIGH PERFORMANCE
MAYFAIR 140 RANGE

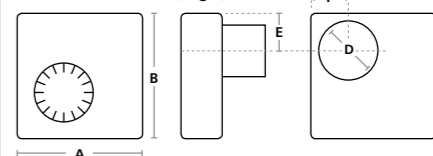
- High air flow performance
- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced



Technical data

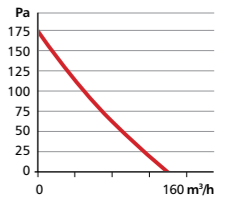
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 140 |
| Max Extract Volume (l/s) | 39 |
| Max Pressure (Pa) | 175 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 60 |
| Max Sound dB(A)@3m | 40 |
| Weight (kg) (Fan Only) | 1.7 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 250 B: 250 C: 40 D: 85 E: 63 F: 63

Performance



| Models available | | | | |
|------------------|-----------|-------|------------|-----|
| | Pull Cord | Timer | Humidistat | PIR |
| Code no. | | | | |
| MSS140B | | | | |
| MPC140B | ● | | | |
| MTD140B | | ● | | |
| MCC140B | | ● | ● | |
| MIR140B | | ● | | ● |

| Code no. | Accessories |
|----------|---|
| MAY905B | Back box - recessed - rear entry (Domus 100mm) |
| FLA106A | Back box - surface - rear entry (Domus 100mm) |
| PFL420A | Back box - ceiling - side entry (Domus 110x54mm) |
| MAY901A | Washable filter cover (not for use with humidistat and PIR) |

Installation note: The Mayfair range is designed to be installed in two stages – the building in frame is installed first to reduce on-site damage, followed by a plug-in fan body which allows easy maintenance and replacement. This system has proven to be highly effective on large building projects.

 CENTRIFUGAL FANS


100mm (4") PLUG-IN COMPACT
MAYFAIR CLASSIC RANGE

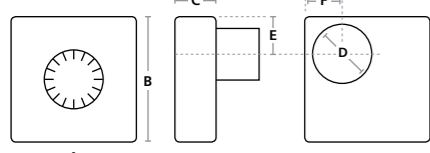

- Compact for easier and discreet installation
- Plug-in design makes it ideal for maintained properties where units may need to be easily replaced
- Twin speed options available for greater flexibility



Technical data

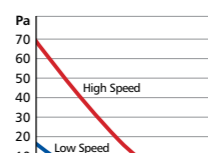
| Description | 230V |
|--|--------------------|
| Max Extract Volume (m ³ /h) | High 79/Low 36 |
| Max Extract Volume (l/s) | High 22/Low 10 |
| Max Pressure (Pa) | 70 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 35/Low 20 |
| Max Sound dB(A)@3m | High 38.8/Low 16.8 |
| Weight (kg) (Fan Only) | 1.5 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
 A: 220 B: 220 C: 105 D: 80 E: 63 F: 63

Performance



| Models available | Code no. | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|------------------|--|------------|-----------|-------|------------|-----|
| | | | | | | |
| MAY102B | | | | | | |
| MAY202B | | | | ● | | |
| MAY402B | | ● | | ● | | |
| Code no. | Accessories | | | | | |
| MAY907A | Back box - recessed - rear entry (Domus 100mm) | | | | | |
| FLA106A | Back box - surface - rear entry (Domus 100mm) | | | | | |
| MAY502S | Fire shutter back plate (1 Hour Rated) | | | | | |



Polypipe offer a range of Silavent remote controls for almost any fan, see page 36.

100mm (4") TRADE
PVS BATHROOM RANGE

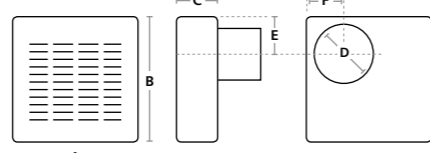

- High air flow performance, making it ideal for long duct runs
- Variable spigot positions
- Includes washable filter for easy maintenance
- Twin speed options available for greater flexibility



Technical data

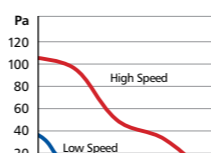
| Description | 230V | SELV (230/12V) |
|--|----------------|----------------------|
| Max Extract Volume (m ³ /h) | High 90/Low 23 | High 90/Low 23 |
| Max Extract Volume (l/s) | High 25/Low 6 | High 25/Low 6 |
| Max Pressure (Pa) | 108 | 108 |
| Supply Frequency (Hz) | 50 | 50 |
| Max Power (W) | High 38/Low 9 | High 48/Low 11 |
| Max Sound dB(A)@3m | High 38/Low 9 | High 38/Low 9 |
| Weight (kg) | 1.3 | 2.2 Inc. Transformer |
| IP Rating | X4 | X4 |
| Max Temp (°C) | 40 | 40 |
| Wall-Fit Hole Diameter (mm) | - | - |
| Window-Fit Hole Diameter (mm) | - | - |
| Suitable Glass Thickness (mm) | - | - |
| Warranty | 2 yrs | 2 yrs |

Dimensions



Measured in mm
 A: 230 B: 230 C: 105 D: 97 E: 20 F: Multiple

Performance



| Models available | Code no. | SELV | dMEV | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|------------------|----------|------|------|------------|-----------|-------|------------|-----|
| | | | | | | | | |
| PVS100BB | | | | | | | | |
| PVS100TBB | | | | | | ● | | |
| PVS100TBBLV | | ● | | | | ● | | |
| PVS100HTBB | | | | | | ● | ● | |
| PVS100HTBBLV | | ● | | | | ● | ● | |
| PVS100PBTTW | | | | ● | ● | | | |
| PVS100PBLVTW | | ● | ● | | ● | | | |

 CENTRIFUGAL FANS


100mm (4") TRADE
PVS KITCHEN RANGE

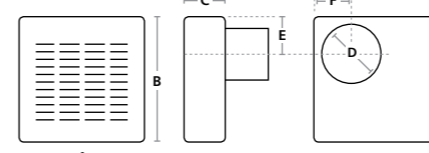

- Offers very high air pressure, making it ideal for longer duct runs
- Variable spigot positions
- Includes washable filter for easy maintenance



Technical data

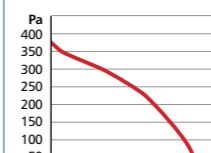
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 260 |
| Max Extract Volume (l/s) | 72 |
| Max Pressure (Pa) | 363 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 88 |
| Max Sound dB(A)@3m | 41 |
| Weight (kg) | 2.2 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | 110 |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
 A: 265 B: 265 C: 115 D: 97 E: 20 F: Multiple

Performance



| Models available | Code no. | dMEV | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|--|----------|------|------------|-----------|-------|------------|-----|
| | | | | | | | |
| PVS100BK | | | | | | | |
| PVS100BKTW (Continuous Trickle) | | ● | | ● | | | |
| PVS100TBK | | | | | ● | | |
| PVS100HBK | | | | | ● | ● | |
| PVS100HTBK | | | | | ● | ● | |
| PVS100PBKTW (Continuous Trickle) | | ● | | ● | | | |
| PVS100BKTH (Humidistat - Trickle. Pull Cord - Boost) | | | ● | ● | ● | ● | |



Avoid arbitrarily reducing duct sizes to save cost – this is a false economy as it will create excess noise and may also harm your appliance.

100mm (4") LOW MAINTENANCE
KITCHENAIRE RANGE

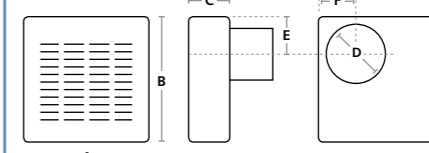

- Integral backdraught shutter
- Built-in filter for easy maintenance
- Large inlet grille maximises extraction and filtration
- Twin speed options available for greater flexibility



Technical data

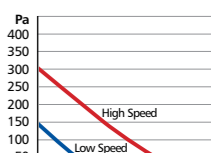
| Description | 230V |
|--|------------------|
| Max Extract Volume (m ³ /h) | High 240/Low 120 |
| Max Extract Volume (l/s) | High 67/Low 33 |
| Max Pressure (Pa) | 300 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 90/Low 43 |
| Max Sound dB(A)@3m | High 19/Low 12 |
| Weight (kg) | 3.1 |
| IP Rating | X3 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | 110 |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
 A: 337 B: 294 C: 121 D: 100 E: 36 F: 74

Performance



| Models available | Code no. | Twin Speed | Pull Cord | Timer | Humidistat | PIR |
|------------------|------------------|------------|-----------|-------|------------|-----|
| | | | | | | |
| KIT102B | | | | | | |
| KIT103B | | | | ● | | |
| KIT104B | | | ● | | | |
| KIT107B | | | ● | | ● | |
| KIT201B | | ● | ● | | | |
| KIT203B | | ● | | | ● | |
| Code no. | Accessories | | | | | |
| 1K | Wall fitting kit | | | | | |

 IN-LINE FANS


100mm (4") ENERGY EFFICIENT (AXIAL)
GREEN LINE RANGE

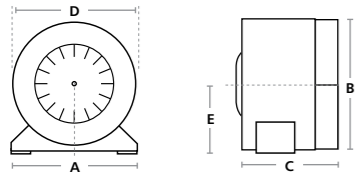

- Exceeds 2010 Building Regulations
- Offers one of the lowest SFP's available at 0.22 W/(l/s)
- Uses up to 70% less power on standby than many other low energy fans
- Reduces carbon emissions by up to 60% (combined running and standby)



Technical data

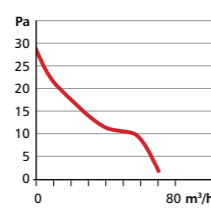
| Description | 230V |
|--|---------------|
| Max Extract Volume (m ³ /h) | 69.5 |
| Max Extract Volume (l/s) | 19.3 |
| Max Pressure (Pa) | 28 |
| Supply Frequency (Hz) | 50 |
| Specific Fan Power W/(l/s) | 0.22 |
| Max Power (W) | 4/Standby 0.2 |
| Max Sound dB(A)@3m | 34 |
| Weight (kg) | 0.45 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 337 B: 294 C: 121 D: 100 E: 36 F: 74 G: 74

Performance


100mm (4") STANDARD (AXIAL)
DVF RANGE

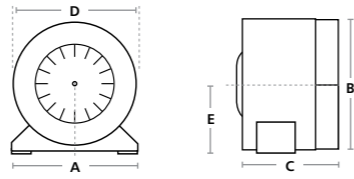
- Concealed fan for discreet operation
- Ideal for shorter duct runs
- Available as a full kit or fan only



Technical data

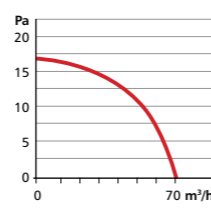
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 70 |
| Max Extract Volume (l/s) | 19 |
| Max Pressure (Pa) | 16 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 12-20 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.47 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 122 B: 100 C: 140 D: 100 E: 50

Performance


 IN-LINE FANS


100mm (4") STANDARD WITH LIGHT (AXIAL)
SPOTVENT RANGE

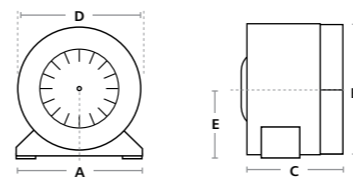
- Includes integrated light
- Concealed fan for discreet operation
- Ideal for shower application



Technical data

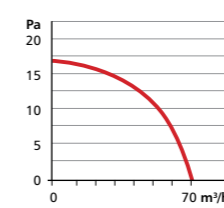
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 70 |
| Max Extract Volume (l/s) | 19 |
| Max Pressure (Pa) | 16 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 12-20 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.47 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 122 B: 100 C: 140 D: 100 E: 50

Performance


100mm (4") STANDARD (CENTRIFUGAL)
DVF RANGE

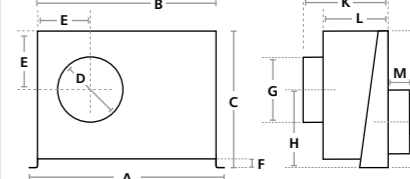
- Concealed fan for discreet operation
- Ideal for longer duct runs



Technical data

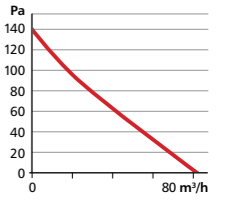
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 80 |
| Max Extract Volume (l/s) | 22 |
| Max Pressure (Pa) | 150 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 12-20 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.47 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 270 B: 220 C: 210 D: 100 E: 80 F: 15 G: 100
H: 130 I: 70 J: 98 K: 130 L: 100 M: 30

Performance



| Models available | Includes Duct Kit | | | | |
|------------------|-------------------|-------|------------|-----|--|
| | Pull Cord | Timer | Humidistat | PIR | |
| Code no. | | | | | |
| GLD100-T | | ● | | | |
| GLD100-TK | ● | ● | | | |

| Models available | Includes Duct Kit | | | | |
|------------------|-------------------|-------|------------|-----|--|
| | Pull Cord | Timer | Humidistat | PIR | |
| Code no. | | | | | |
| DVF801D | | | | | |
| DVF802D | | | ● | | |
| DVF801ET | ● | | | | |
| DVF802ET | ● | ● | | | |

| Models available | Includes Duct Kit | | | | |
|------------------|-------------------|-------|------------|-----|--|
| | Pull Cord | Timer | Humidistat | PIR | |
| Code no. | | | | | |
| SPV801ETWCG | ● | | | | |
| SPV802ETWCG | ● | ● | | | |

| Code no. | Accessories |
|------------|--------------------|
| SPV801TWCG | Light fitting only |

| Models available | Includes Duct Kit | | | | |
|------------------|-------------------|-------|------------|-----|--|
| | Pull Cord | Timer | Humidistat | PIR | |
| Code no. | | | | | |
| DVF821ET | ● | | | | |
| DVF822ET | ● | ● | | | |



Would you like help with selecting the most energy efficient appliance and duct system appropriate to your property? Please see page 87.

100mm (4") STANDARD WITH LIGHT (CENTRIFUGAL)

SPOTVENT RANGE

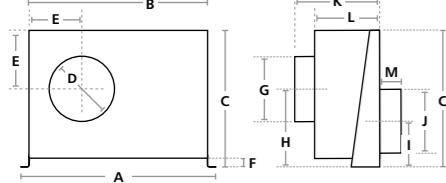
- Includes integrated light
- Concealed fan for discreet operation
- Ideal for shower application



Technical data

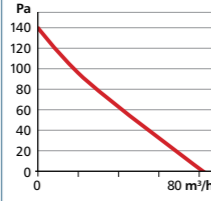
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 80 |
| Max Extract Volume (l/s) | 22 |
| Max Pressure (Pa) | 150 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 12-20 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.47 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 270 B: 220 C: 210 D: 100 E: 80 F: 15 G: 100
H: 130 I: 70 J: 98 K: 130 L: 100 M: 30

Performance



100mm (4") COMPACT (MIXED FLOW)

CLASSIC RANGE



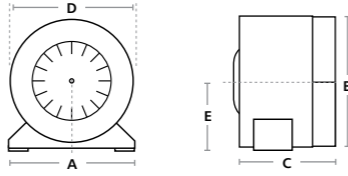
- High air flow performance
- Concealed fan for discreet operation
- Ideal for longer duct runs
- Available as a full kit or fan only



Technical data

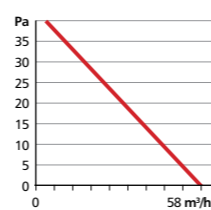
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 58 |
| Max Extract Volume (l/s) | 17 |
| Max Pressure (Pa) | 45 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 15 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.5 |
| IP Rating | X2 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 130 B: 99 C: 100 D: 99 E: 58.5

Performance



| Models available | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| SPV821ETWCG | ● | | | | |
| SPV822ETWCG | ● | | ● | | |
| Code no. | Accessories | | | | |
| SPV801TWCG | Light fitting only | | | | |

| Models available | Retail Pack | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|-------------|-------------------|-----------|-------|------------|-----|
| Code no. | | | | | | |
| S1D | | | | | | |
| T1D | | | | ● | | |
| S1DK | | ● | | | | |
| S1DKR | ● | ● | | | | |
| T1DK | | ● | | ● | | |
| T1DKR | ● | ● | | ● | | |



Visit our website to read up on our latest product launches, marketing initiatives, case studies or company news.
Go to www.polypipe.com/ventilation

100mm (4") COMPACT WITH LIGHT (MIXED FLOW)

CLASSIC RANGE



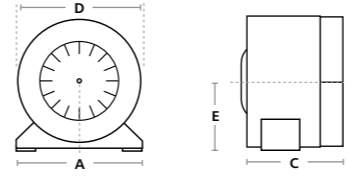
- Includes integrated light
- High air flow performance
- Concealed fan for discreet operation
- Ideal for shower application



Technical data

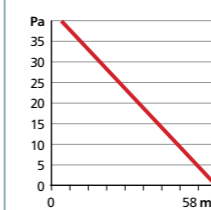
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 58 |
| Max Extract Volume (l/s) | 17 |
| Max Pressure (Pa) | 45 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 15 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.5 |
| IP Rating | X2 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 130 B: 99 C: 100 D: 99 E: 58.5

Performance



| Models available | Retail Pack | Chrome Finish | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|-------------|---------------|-------------------|-----------|-------|------------|-----|
| Code no. | | | | | | | |
| LS1DK | | | ● | | | | |
| LS1DKCH | | ● | ● | | | | |
| LS1DKR | ● | | ● | | | | |
| LT1DK | | | ● | | ● | | |
| LT1DKCH | | ● | ● | | ● | | |
| LT1DKR | ● | | ● | | ● | | |
| LT1DKCHR | ● | ● | ● | | ● | | |

100mm (4") HIGH PERFORMANCE (MIXED FLOW)

VITALIS RANGE

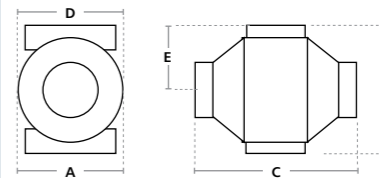
- Very high air flow performance
- Concealed fan for discreet operation
- Ideal for longer duct runs
- Available as a full kit or fan only



Technical data

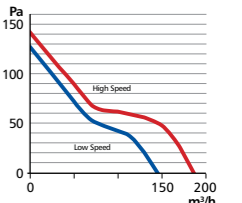
| Description | 230V |
|--|------------------|
| Max Extract Volume (m ³ /h) | High 187/Low 145 |
| Max Extract Volume (l/s) | High 52/Low 40 |
| Max Pressure (Pa) | 135 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 28/Low 25 |
| Max Sound dB(A)@3m | High 34/Low 27 |
| Weight (kg) (Fan Only) | 1.4 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



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

Performance



| Models available | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|-------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| VIT100B | | | | | |
| VIT100TB | | | ● | | |
| DVF831ET | ● | | | | |
| DVF832ET | ● | | ● | | |



Avoid using flexible hose wherever possible due to its extremely poor air flow characteristics – use only for short connections if absolutely necessary.




100mm (4") HIGH PERFORMANCE WITH LIGHT (MIXED FLOW)

SPOTVENT RANGE

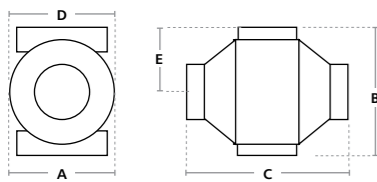
- Includes integrated light
- Very high air flow performance
- Concealed fan for discreet operation
- Ideal for shower application



Technical data

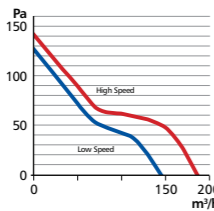
| Description | 230V |
|--|------------------|
| Max Extract Volume (m ³ /h) | High 187/Low 145 |
| Max Extract Volume (l/s) | High 52/Low 40 |
| Max Pressure (Pa) | 135 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 28/Low 25 |
| Max Sound dB(A)@3m | High 34/Low 27 |
| Weight (kg) (Fan Only) | 1.4 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



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

Performance



120mm (5") STANDARD (AXIAL)

DVF RANGE

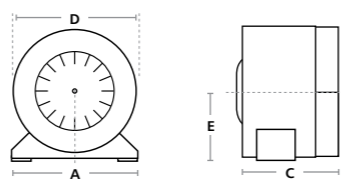
- Concealed fan for discreet operation
- Ideal for shorter duct runs
- Available as a full kit or fan only



Technical data

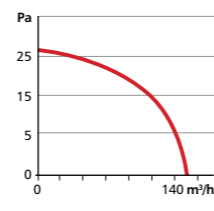
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 130 |
| Max Extract Volume (l/s) | 36 |
| Max Pressure (Pa) | 28 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 25 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.58 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 152 B: 120 C: 107 D: 120 E: 82

Performance





120mm (5") STANDARD WITH LIGHT (AXIAL)

SPOTVENT RANGE

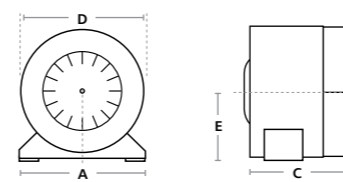
- Includes integrated light
- Concealed fan for discreet operation
- Ideal for shower application



Technical data

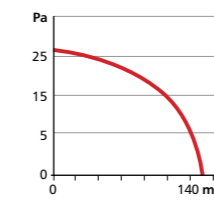
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 130 |
| Max Extract Volume (l/s) | 36 |
| Max Pressure (Pa) | 28 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 25 |
| Max Sound dB(A)@3m | 32 |
| Weight (kg) (Fan Only) | 0.58 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 152 B: 120 C: 107 D: 120 E: 82

Performance



150mm (6") COMPACT (MIXED FLOW)

CLASSIC RANGE

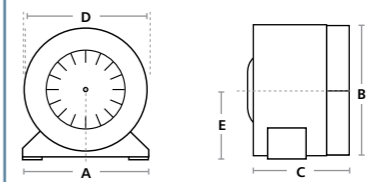
- High air flow performance
- Concealed fan for discreet operation
- Ideal for longer duct runs



Technical data

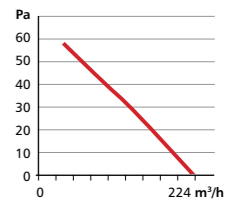
| Description | 230V |
|--|-------|
| Max Extract Volume (m ³ /h) | 224 |
| Max Extract Volume (l/s) | 62 |
| Max Pressure (Pa) | 67 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 33 |
| Max Sound dB(A)@3m | 48.9 |
| Weight (kg) | 0.7 |
| IP Rating | X2 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 180 B: 149 C: 123 D: 149 E: 84

Performance



| Models available | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| SPV831ETWCG | ● | | | | |
| SPV832ETWCG | ● | | ● | | |
| Code no. | Accessories | | | | |
| SPV801TWCG | Light fitting only | | | | |

| Models available | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|-------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| DVF811D | | | | | |
| DVF812D | | | ● | | |
| DVF811ET | ● | | | | |
| DVF812ET | ● | | ● | | |

| Models available | Includes Duct Kit | Pull Cord | Timer | Humidistat | PIR |
|------------------|--------------------|-----------|-------|------------|-----|
| Code no. | | | | | |
| SPV811ETWCG | ● | | | | |
| SPV812ETWCG | ● | | ● | | |
| Code no. | Accessories | | | | |
| SPV801TWCG | Light fitting only | | | | |

| Models available | Pull Cord | Timer | Humidistat | PIR |
|------------------|-----------|-------|------------|-----|
| Code no. | | | | |
| S15D | | | | |
| T15D | | ● | | |

 IN-LINE FANS
150mm (6") HIGH PERFORMANCE
(MIXED FLOW)

VITALIS RANGE



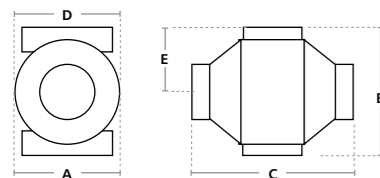
- Very high air flow performance
- Concealed fan for discreet operation
- Ideal for longer duct runs



Technical data

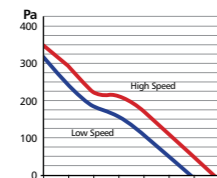
| Description | 230V |
|--|------------------|
| Max Extract Volume (m ³ /h) | High 680/Low 595 |
| Max Extract Volume (l/s) | High 189/Low 165 |
| Max Pressure (Pa) | High 342/Low 315 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | High 124/Low 92 |
| Max Sound dB(A)@3m | High 46/Low 39 |
| Weight (kg) | 3 |
| IP Rating | X4 |
| Max Temp (°C) | 40 |
| Wall-Fit Hole Diameter (mm) | - |
| Window-Fit Hole Diameter (mm) | - |
| Suitable Glass Thickness (mm) | - |
| Warranty | 2 yrs |

Dimensions



Measured in mm
A: 100 B: 260 C: 295 D: 100 E: 130 F: 100

Performance



Models available

| Code no. | Pull Cord | Timer | Humidistat | PIR |
|----------|-----------|-------|------------|-----|
| VIT150B | | | | |
| VIT150TB | | ● | | |



Did you know that the installation of condensation traps is recommended in both Building Regulations and NHBC Standards? If you would like to read more on our Condensation Traps then please go to page 64 or call 08443 715523.

AUXILIARY FAN CONTROLS

FAN CONTROLS

- For fans designed for remote switch operation
- In keeping with conventional wall furniture
- Comply with relevant EMC directives
- Can be flush or surface mounted using a standard single pattress box



AUTOMATIC FAN CONTROLS

ANC802A - HUMIDISTAT WITH OVERRUN TIMER

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Timer adjustable between 2-25 minutes.

W 89mm H 89mm D 54mm*

5 amps

ANC808A - HUMIDISTAT WITH PULL CORD SWITCH

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Neon indicator and pull cord override.

W 89mm H 89mm D 54mm*

5 amps

ANC846A - DUCT MOUNTED HUMIDISTAT WITH REMOTE SENSOR AND OVERRUN TIMER

More sensitive than traditional humidistat controls, Intelligent Humidity Control (IHC) identifies a significant change in humidity. Timer adjustable between 2-25 minutes.

W 89mm H 89mm D 54mm*

5 amps

ANC813A - PIR SWITCH WITH OVERRUN TIMER

Activates by detecting body heat. Detection distance of up to 5 metres. Timer adjustable between 2-25 minutes.

W 89mm H 89mm D 54mm*

5 amps

MANUAL FAN CONTROLS

ANC108A - OVERRUN TIMER

Adjustable time delay between 2-25 minutes after the light switch has been turned off.

W 89mm H 89mm D 54mm*

5 amps

ANC812A - TWO SPEED ROCKER SWITCH

Provides two speed operation for twin speed fans.

W 89mm H 89mm D 54mm*

5 amps

*Note: D - 54mm includes 35mm surface mounted pattress box (supplied).

ACOUSTIC ATTENUATING VENTILATION PRODUCTS

COMBINED VENTILATOR

SM2/C

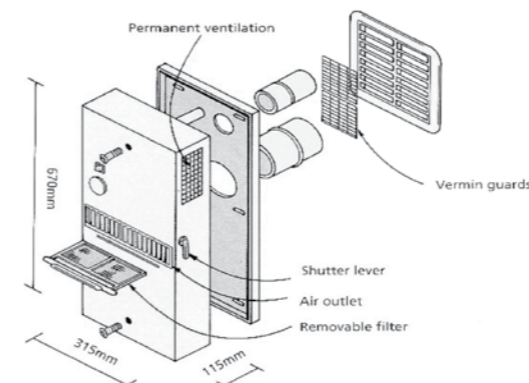


- Average noise reduction of 35dB(A)
- Effective acoustic separation
- Removes the need for opening windows
- Reduces humidity and condensation

Technical data

| Description | 230V |
|--|------|
| Air flow (l/s) at 0 Pa | 16 |
| Air flow (l/s) at 10 Pa | 38 |
| Air flow (l/s) at 30 Pa | 32 |
| Effective Free Area (mm ²) (Normal Flow) | 5900 |
| Effective Free Area (mm ²) (Reversed Flow) | 5900 |
| Non-Mechanical (mm ²) (Normal Flow) | 4640 |
| Non-Mechanical (mm ²) (Reversed Flow) | 4640 |
| Supply Frequency (Hz) | 50 |
| Max Power (W) | 50 |
| Fuse (A) | 3 |
| Warranty | 1yr |

Dimensions



Models available

| Code no. | Description | Height x width x depth (mm) |
|----------|-------------|-----------------------------|
| FRE104B | White | 670 x 315 x 115 |

External accessories

| Code no. | Description |
|----------|---------------------------------|
| FRE501D | Grille - brown 200 x 250mm |
| FRE501C | Grille - buff 200 x 250mm |
| FRE501A | Grille - grey 200 x 250mm |
| FRE501B | Grille - terracotta 200 x 250mm |
| FRE504A | Grille - white 200 x 250mm |
| FRE502A | Cowl - black |

PASSIVE AIRBRICK

MKII

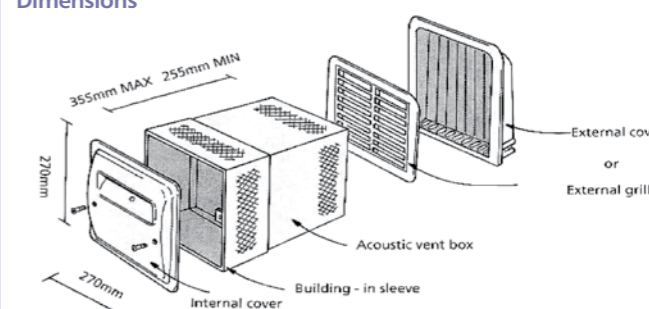


- High air flow
- Average noise reduction of 35dB(A)
- Flush-fitting

Technical data

| Description | MKII |
|--|------|
| Air flow (l/s) at 0 Pa | - |
| Air flow (l/s) at 10 Pa | - |
| Air flow (l/s) at 30 Pa | - |
| Effective Free Area (mm ²) (Normal Flow) | - |
| Effective Free Area (mm ²) (Reversed Flow) | - |
| Non-Mechanical (mm ²) (Normal Flow) | 4160 |
| Non-Mechanical (mm ²) (Reversed Flow) | 4800 |
| Supply Frequency (Hz) | - |
| Max Power (W) | - |
| Fuse (A) | - |
| Warranty | 1 yr |

Dimensions



Models available

| Code no. | Description | Height x width x depth (mm) |
|----------|----------------------|-------------------------------|
| FRE401B | Through wall - white | 270 x 270 x 355(max) 255(min) |

Internal accessories

| Code no. | Description |
|----------|---------------------|
| FRE909A | Cover - flap |
| FRE909B | Cover - fixed inlet |

External accessories

| Code no. | Description |
|----------|---------------------------------|
| FRE501D | Grille - brown 200 x 250mm |
| FRE501C | Grille - buff 200 x 250mm |
| FRE501A | Grille - grey 200 x 250mm |
| FRE501B | Grille - terracotta 200 x 250mm |
| FRE504A | Grille - white 200 x 250mm |
| FRE502A | Cowl - black |

DUCT SYSTEMS

To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

Application code



DOMUS

DUCT SYSTEMS

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

Rigid Duct Systems

The Domus rigid duct range is available in 8 different profiles to suit any application and comes with a full set of adapters to enable a simple or complex system, as required.

Our Domus rigid duct systems also include duct insulation, integrated fire stopping & sound attenuation components.

Use the rigid duct profile selector below to determine the correct duct system for your chosen appliance. Performance data is available from pages 40-75 to calculate and match appliance pressure to the system resistance and ensure correct operation.

To change to an alternative size, adapters are listed on page 73-74.

Semi-Rigid Duct Systems

Domus Radial duct is a whole house air distribution system suitable for most property types and a wide variety of applications. It can be used with either MVHR or MEV options and installed in up to **60% less time** than comparable conventional solutions. For more information please turn to page 80.

Technical Tips

To ensure appliance efficiency and reduce any system noise:

- Choose the shortest and most direct routes
- Minimise the use of bends and use 2 x 45° instead of 90° bends wherever possible
- Seal joints with DDSEAL acrylic sealant
- Use rigid round duct wherever possible
- Use the largest appropriate size of duct
- Avoid using flexible hose wherever possible
- Check the extraction capability and connection

SELECTING THE CORRECT DUCT SYSTEM

STEP 3

If you would like to install rigid duct, please use the profile selector below.

If you would like to install semi-rigid duct, please go to page 80.

RIGID DUCT PROFILE SELECTOR

Appliance duct connection size

100mm (4")

What depth is available for the duct?

| | | | |
|---------|----------|---------|--------|
| 38-60mm | 60-105mm | 38-60mm | 105mm+ |
|---------|----------|---------|--------|

| | | | |
|-------------------|-------------------|-------------------|-----------------|
| Domus 234x29mm | Domus 110x54mm | Domus 308x29mm | Domus Ø100mm |
|-------------------|-------------------|-------------------|-----------------|

P.51 P.40 P.54 P.57

125mm (5")

What depth is available for the duct?

| | |
|----------|--------|
| 65-130mm | 130mm+ |
|----------|--------|

| | |
|-------------------|-----------------|
| Domus 204x60mm | Domus Ø125mm |
|-------------------|-----------------|

P.44 P.63

150mm (6")

What depth is available for the duct?

| | |
|----------|--------|
| 97-155mm | 155mm+ |
|----------|--------|

| | |
|-------------------|-----------------|
| Domus 220x90mm | Domus Ø150mm |
|-------------------|-----------------|

P.48 P.68

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

Note:

All components are listed with one of three connection profiles;

M Male, the fitting will fit inside duct

F Female, the fitting will fit around duct

D Duct, the connection profile is the same as the duct and may need a Female or Male straight connector to couple to duct



DOMUS 110 X 54mm

DOMUS









| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--|---|---------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct | | | | | | | | |
|  | Duct - 1m | DD010 | 40010 | D | 5300 | 1.8 | 6.3 | 21.5 |
| | Duct - 1.5m | DD015 | - | D | 5300 | 2.7 | 9.75 | 32.25 |
| | Duct - 2m | D1-2000 | - | D | 5300 | 3.6 | 12.6 | 43 |
|  | Duct - Connector - Straight | DD020 | 40020 | F | - | 0.3 | 1.4 | 6.3 |
| | Duct - Connector - Straight - Damper | DD027 | - | F | - | 19.9 | 21.2 | - |
|  | Duct - Bend - Horizontal - 90° | DD050 | 40050 | F | - | 9.8 | 39.8 | 161.9 |
|  | Duct - Bend - Horizontal - 45° | DD055 | 40055 | F | - | 3.7 | 15.5 | 65.8 |
|  | Duct - Bend - Vertical - 90° | DD060 | 40060 | F | - | 15.6 | 62.8 | 252.7 |
|  | Duct - Bend - Vertical - 45° | DD075 | 40075 | F | - | 2.6 | 12.7 | 63 |
|  | Duct - T Piece - Horizontal | DD080 | 40080 | F | - | - | - | - |
|  | Duct - End Cap | DD018 | - | M | - | - | - | - |
|  | Duct - Wall Plate | 115-4 | 40115 | - | - | - | - | - |



Did you know that modern buildings lose 25% of heat through uncontrolled ventilation and air leakage? Polypipe's HRX appliances can recover up to 88% of this wasted heat. Read more on page 9.

DOMUS 110 X 54mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--|--|--------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct Fixings | | | | | | | | |
|  | Duct - Clip | 122-4 | 40122 | - | - | - | - | - |
| Duct Insulation | | | | | | | | |
|  | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
| Fire Compartment Integrity - FireBrake | | | | | | | | |
|  | FireBrake - Intumescent Duct Connector | DF087 | - | F | - | - | - | - |
|  | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - |
| <ul style="list-style-type: none"> ■ Meets NHBC requirements ■ Tested by BRE to BS476/ EN 1366-3 ■ Provides 2 hours fire protection ■ Forms an integral part of Domus duct systems | | | | | | | | |
| Duct Seals | | | | | | | | |
|  | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
|  | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
|  | Duct - Tape - PVC - 4.6m | 123-4 | 40123 | - | - | - | - | - |
| | Duct - Tape - PVC - 33m | 123 | - | - | - | - | - | - |
| Flexible Hose | | | | | | | | |
|  | Hose - 0.5m | 3305 | 40335 | F | - | - | - | - |
| | Hose - 3m | 333 | - | F | - | - | - | - |



DOMUS 110 X 54mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|---|--|-----------|-------------|--------------------------------------|---|---|-------|-------|
| | | Boxed | Retail Pack | | | @15/s | @30/s | @60/s |
| Flexible Hose Connector | | | | | | | | |
|  | Hose - Connector | 381 | - | D | - | - | - | - |
| Internal Duct Terminals | | | | | | | | |
|  | Air Valve - Adapter | DD040 | - | F/M | - | 8.1 | 33.1 | 136.4 |
|  | Air Valve - Extract or Supply | 136-04 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling | 136-24 | 40136 | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-24M | - | M | - | - | - | - |
|  | Diffuser - Multi-Directional Grille with Environment Filter | 4908F | - | M | 2706 (Equivalent area 2857 mm ²) | 7.1/s @ 10Pa exhaust air heat pump specific | | |
|  | Accessories: Environmental Filter | 40AF | - | - | - | - | - | - |
|  | Pollen Filter | 40AFP | - | - | - | - | - | - |
|  | Diffuser - Round - White | 4907W | - | M | - | - | - | - |
|  | Diffuser - Round - Chrome | 4907CH | - | M | - | - | - | - |

DOMUS 110 X 54mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|---|--|--------|-------------|--------------------------------------|---------------------------------|--------------------|-------|-------|
| | | Boxed | Retail Pack | | | @15/s | @30/s | @60/s |
| External Wall Duct Terminals | | | | | | | | |
|  | Outlet - Airbrick - Adapter | DD077 | 40077 | D/M | - | 1.2 | 4.7 | 17.8 |
|  | Outlet - Airbrick - White | 505W | - | F | 5500 | 7.2 | 27.8 | 108.1 |
| | Brown | 505B | - | F | 5500 | 7.2 | 27.8 | 108.1 |
| | Cotswold | 505C | - | F | 5500 | 7.2 | 27.8 | 108.1 |
| | Terracotta | 505T | - | F | 5500 | 7.2 | 27.8 | 108.1 |
| | Black | 505BK | - | F | 5500 | 7.2 | 27.8 | 108.1 |
|  | Outlet - Airbrick - Damper - White | 501W | - | M | 6450 | 16.4 | 23.8 | 75.8 |
| | Brown | 501B | - | M | 6450 | 16.4 | 23.8 | 75.8 |
| | Cotswold | 501C | - | M | 6450 | 16.4 | 23.8 | 75.8 |
| | Terracotta | 501T | - | M | 6450 | 16.4 | 23.8 | 75.8 |
|  | Outlet - Airbrick - Damper - White - Wall Plate | - | 55015W | M | 6450 | 16.4 | 23.8 | 75.8 |
| | Brown - Wall Plate | - | 55015B | M | 6450 | 16.4 | 23.8 | 75.8 |
|  | Outlet - Gravity Flaps - White | 4901W | 44910W | M | 5770 | 13.2 | 11 | 11.8 |
| | Brown | 4901B | 44910B | M | 5770 | 13.2 | 11 | 11.8 |
| | Cotswold | 4901C | - | M | 5770 | 13.2 | 11 | 11.8 |
| | Terracotta | 4901T | 44910T | M | 5770 | 13.2 | 11 | 11.8 |
|  | Outlet - Cowled - Damper - White | 4903W | 44932W | M | 5800 | 6.1 | 16.7 | 68.2 |
| | Brown | 4903B | 44932B | M | 5800 | 6.1 | 16.7 | 68.2 |
|  | Outlet - Louvred Grille - White | 4905W | - | M | 5500 | 4.1 | 15.9 | 61.6 |
| | Brown | 4905B | - | M | 5500 | 4.1 | 15.9 | 61.6 |
| | Cotswold | 4905C | - | M | 5500 | 4.1 | 15.9 | 61.6 |
| | Terracotta | 4905T | - | M | 5500 | 4.1 | 15.9 | 61.6 |
|  | Outlet - Louvred Grille - Flyscreen - White | F4905W | 44954W | M | 4950 | 20 | 75.9 | 288.2 |
| | Brown | F4905B | 44954B | M | 4950 | 20 | 75.9 | 288.2 |
| | Cotswold | F4905C | - | M | 4950 | 20 | 75.9 | 288.2 |

Square grilles and cowls 154mm x 154mm.



DOMUS 204 X 60mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|--|---------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct | | | | | | | | |
| | Duct - 1m | 510 | 50510 | D | 11200 | 0.5 | 1.5 | 5.2 |
| | Duct - 1.5m | 515 | - | D | 11200 | 0.75 | 2.25 | 7.8 |
| | Duct - 2m | D3-2000 | - | D | 11200 | 1 | 3 | 10.4 |
| | Duct - Connector - Straight | 520 | 50520 | F | - | 0.1 | 0.4 | 1.5 |
| | Duct - Connector - Straight - Damper | 527 | - | F | - | 21.9 | 41.1 | - |
| | Duct - Connector - Universal | 5B303 | - | M | - | - | - | - |
| | Duct - Bend - Horizontal - 90° | 550 | 50550 | F | - | 2.1 | 8.4 | 33.7 |
| | Duct - Bend - Horizontal - 45° | 555 | 50555 | F | - | 0.6 | 2.7 | 13.2 |
| | Duct - Bend - Horizontal - Adjustable | 545 | - | F | - | 0.7 | 2.1 | 6.3 |
| | Duct - Bend - Vertical - 90° | 560 | 50560 | F | - | 2.6 | 10.8 | 44.3 |
| | Duct - Bend - Vertical - 45° | 575 | 50575 | F | - | 0.6 | 2.7 | 13.4 |
| | Duct - T Piece - Horizontal | 582 | 50582 | F | - | - | - | - |
| | Duct - End Cap | 518 | - | M | - | - | - | - |
| | Duct - Wall Plate - White | 115-5W | - | - | - | - | - | - |
| | Brown | 115-5B | - | - | - | - | - | - |
| | Cotswold | 115-5C | - | - | - | - | - | - |
| | Terracotta | 115-5T | - | - | - | - | - | - |

DOMUS 204 X 60mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--|---|-----------------------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct Fixings | | | | | | | | |
| | Duct - Clip | 522* | 50522* | - | - | - | - | - |
| Duct Insulation | | | | | | | | |
| For information on our duct insulation systems, please turn to page 78. | | | | | | | | |
| | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
| | Duct Insulation 1m | TS510* (8 per box) | - | - | - | - | - | - |
| | Horizontal 90° Bend Duct Insulation | TS550* (6 per box) | - | - | - | - | - | - |
| | Horizontal 45° Bend Duct Insulation | TS555* (6 per box) | - | - | - | - | - | - |
| | Horizontal T Piece Duct Insulation | TS582* (6 per box) | - | - | - | - | - | - |
| | PVC Coated Steel Fastening Strap, 10m Roll, White | TS22 | - | - | - | - | - | - |
| Duct Sound Attenuation (Microban Protected) | | | | | | | | |
| | Duct - Silencer - 0.5m | 5SL05M | - | F | - | 0.25 | 0.75 | 2.6 |
| | Duct - Silencer - 1.0m | 5SL10M | - | F | - | 0.5 | 1.5 | 5.2 |
| | Duct - Silencer - 1.5m | 5SL15M | - | F | - | 0.75 | 2.25 | 7.8 |
| For further information go to P47 | | | | | | | | |
| Fire Compartment Integrity - FireBrake | | | | | | | | |
| | FireBrake - Intumescent Duct Connector | 587 | - | F | - | - | - | - |
| | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - |
| <ul style="list-style-type: none"> ■ Meets NHBC requirements ■ Tested by BRE to BS476/ EN 1366-3 ■ Provides 2 hours fire protection ■ Forms an integral part of Domus duct systems | | | | | | | | |

*Two components per fitting required.



DOMUS 204 X 60mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

| Duct Seals | | | | | | | | |
|------------|---|--------------|------------|--------|--------|--------|--------|--------|
| | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
| | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
| | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

| Flexible Hose | | | | | | | | |
|---------------|--------------------------|-------------|--------|--------|--------|--------|--------|--------|
| | Hose - 0.5m Hose - 3m | 5305 533 | - - | F F | - - | - - | - - | - - |

| Flexible Hose Connector | | | | | | | | |
|-------------------------|------------------|-----|---|---|---|---|---|---|
| | Hose - Connector | 581 | - | D | - | - | - | - |

| Internal Duct Terminals | | | | | | | | |
|-------------------------|--|-----------|--------|-----|---|---|---|---|
| | Air Valve - Adapter | 540 | - | F/M | - | - | - | - |
| | Air Valve - Extract or Supply | 136-05 | - | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling | 136-25 | 50136 | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-25M | - | M | - | - | - | - |
| | Diffuser - Round - White | 5907W | 55907W | M | - | - | - | - |

DOMUS 204 X 60mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|---------|---------|
| | | Boxed | Retail Pack | | | @60l/s | @120l/s | @180l/s |

| External Wall Duct Terminals | | | | | | | | |
|------------------------------|--|------------------------------|------------------|------------------|----------------------------------|------------------------------|------------------------------|----------------------------------|
| | Outlet - Airbrick - 204x60-220x90 - Adapter | 957 | - | M/F | - | 45.8 | 186.6 | 431.8 |
| | Outlet - Airbrick - 220x90-Double Airbrick - Adapter | 977 | - | M/F | - | 20.8 | 74.1 | 173 |
| | Outlet - Airbrick - Double - White Brown Cotswold Terracotta | 905W 905B 905C 905T | - - - - | F F F F | 15175 15175 15175 15175 | 14.8 14.8 14.8 14.8 | 61.1 61.1 61.1 61.1 | 103.3 103.3 103.3 103.3 |

| Product type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

| External Wall Duct Terminals | | | | | | | | |
|------------------------------|--|---------------------------------------|-----------------------|-----------------------|--------------------------------------|---------------------------------|--------------------------------------|---|
| | Outlet - Airbrick - White Brown Cotswold Terracotta Black | 505W 505B 505C 505T 505BK | - - - - - | F F F F F | 5500 5500 5500 5500 5500 | 7.2 7.2 7.2 7.2 7.2 | 27.8 27.8 27.8 27.8 27.8 | 108.1 108.1 108.1 108.1 108.1 |
| | Outlet - Airbrick - Damper - White Brown Cotswold Terracotta | 501W 501B 501C 501T | - - - - | M M M M | 6450 6450 6450 6450 | 16.4 16.4 16.4 16.4 | 23.8 23.8 23.8 23.8 | 75.8 75.8 75.8 75.8 |

MICROBAN DUCT SILENCER



- Significantly reduces transmitted appliance noise and room-to-room cross-talk
- Excellent sound attenuating properties verified by the Sound Research Laboratory
- Contains Microban antimicrobial additive to ensure the ventilation system remains fresh for the lifetime of the system

- Facilitates user acceptance of continuous running of energy-efficient central ventilation systems
 - Enables compliance with Building Regulations
 - Low profile increases installation options when compared to traditional solutions
 - Corrosion-proof, lightweight and easy to install
 - European-wide protected design
- See pages 45 and 49 for technical information.



DOMUS 220 X 90mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|---|---------|-------------|--------------------------------------|---------------------------------|--------------------|---------|---------|
| | | Boxed | Retail Pack | | | @60l/s | @120l/s | @180l/s |
| Duct | | | | | | | | |
| | Duct - 1m | 910 | - | D | 17968 | 0.95 | 3.29 | 6.82 |
| | Duct - 1.5m | 915 | - | D | 17968 | 1.42 | 4.93 | 10.23 |
| | Duct - 2m | D4-2000 | - | D | 17968 | - | - | - |
| | Duct - Connector - Straight | 920 | - | F | - | - | - | - |
| | Duct - Connector - Straight - Damper | 927 | - | F | - | 23.5 | 29.2 | 49.3 |
| | Duct - Bend - Horizontal - 90° | 950 | - | F | - | 9.0 | 35.70 | 79.6 |
| | Duct - Bend - Horizontal - 45° | 955 | - | F | - | 4.6 | 19.74 | 46.5 |
| | Duct - Bend - Vertical - 90° | 960 | - | F | - | 7.0 | 28.80 | 65.90 |
| | Duct - Bend - Vertical - 45° | 975 | - | F | - | 6.0 | 26.76 | 64.2 |
| | Duct - T Piece - Horizontal | 982 | - | F | - | - | - | - |
| | Duct - Wall Plate | 115-6 | - | - | - | - | - | - |



Try to use 45 degree bends in duct systems instead of 90 degree bends as they are up to 3 times more efficient.

DOMUS 220 X 90mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--|---|--------------|-------------|--------------------------------------|---------------------------------|--------------------|---------|---------|
| | | Boxed | Retail Pack | | | @60l/s | @120l/s | @180l/s |
| Duct Fixings | | | | | | | | |
| | Duct - Clip | 922* | - | - | - | - | - | - |
| Duct Insulation | | | | | | | | |
| | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
| Duct Sound Attenuation | | | | | | | | |
| | Duct - Silencer - 1m For further information go to P47 | 9SL10 | - | F | - | 1.0 | 3.3 | 6.8 |
| Fire Compartment Integrity - FireBrake | | | | | | | | |
| | FireBrake - Intumescent Duct Connector | 987 | - | F | - | - | - | - |
| | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - |
| <ul style="list-style-type: none"> ■ Meets NHBC requirements ■ Tested by BRE to BS476/ EN 1366-3 ■ Provides 90 minutes protection ■ Forms an integral part of Domus duct systems | | | | | | | | |
| Duct Seals | | | | | | | | |
| | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
| | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
| | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

*Two components per fitting required.

MEGADUCT

220x90mm



DOMUS 220 X 90mm






DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|---------|---------|
| | | Boxed | Retail Pack | | | @60l/s | @120l/s | @180l/s |



Flexible Hose

| | | | | | | | | |
|---|-------------|------|---|---|---|---|---|---|
|  | Hose - 0.5m | 9305 | - | F | - | - | - | - |
| | Hose - 3m | 933 | - | F | - | - | - | - |

Internal Duct Terminals

| | | | | | | | | |
|---|--|-----------|---|-----|---|-----|-------|------|
|  | Air Valve - Adapter | 961 | - | M/F | - | 9.0 | 34.00 | 75.0 |
|  | Air Valve - Extract or Supply | 136-06 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling | 136-26 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-26M | - | M | - | - | - | - |
|  | Diffuser - Round - White | 6907W | - | M | - | - | - | - |

External Wall Duct Terminals

| | | | | | | | | |
|---|---|------|---|-----|-------|------|------|-------|
|  | Outlet - Airbrick - 220x90-Double Airbrick - Adapter | 977 | - | M/F | - | 20.8 | 75.1 | 173.0 |
|  | Outlet - Airbrick - Double - White | 905W | - | F | 15175 | 14.8 | 61.1 | 103.3 |
| | Brown | 905B | - | F | 15175 | 14.8 | 61.1 | 103.3 |
| | Cotswold | 905C | - | F | 15175 | 14.8 | 61.1 | 103.3 |
| | Terracotta | 905T | - | F | 15175 | 14.8 | 61.1 | 103.3 |

PV LOW
PROFILE
225

234x29mm









DOMUS 234 X 29mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Duct

| | | | | | | | | |
|---|--------------------------------|-------|---|---|------|-------|-------|-------|
|  | Duct - 1.5m | 20150 | - | D | 5859 | 6.2 | 23.1 | 85.8 |
| | Duct - 2m | 20200 | - | D | 5859 | 8.3 | 30.8 | 114.3 |
|  | Duct - Connector - Straight | 2006 | - | F | - | - | - | - |
|  | Duct - Bend - Horizontal - 90° | 2007 | - | F | - | 10.00 | 97.3 | 139.1 |
|  | Duct - Bend - Horizontal - 45° | 2008 | - | F | - | 1.21 | 4.81 | 19.08 |
|  | Duct - Bend - Vertical - 90° | 2010 | - | F | - | 5.45 | 19.91 | 72.7 |
|  | Duct - Bend - Vertical - 45° | 2011 | - | F | - | 4.49 | 8.59 | 29.67 |

Duct Fixings

| | | | | | | | | |
|---|-------------|-------|---|---|---|---|---|---|
|  | Duct - Clip | 2014* | - | - | - | - | - | - |
|---|-------------|-------|---|---|---|---|---|---|

Duct Insulation

| | | | | | | | | |
|---|--------------------------------|--------|---|---|---|---|---|---|
|  | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
|---|--------------------------------|--------|---|---|---|---|---|---|

*Two components per fitting required.





DOMUS 234 X 29mm

DOMUS




| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Fire Compartment Integrity - FireBrake







| | | | | | | |
|---|--|-------|---|---|---|--|
|  | FireBrake - Intumescent Duct Connector | 2087 | - | F | - | <ul style="list-style-type: none"> Meets NHBC requirements Tested by BRE to BS476/ EN 1366-3 Provides 2 hours fire protection Forms an integral part of Domus duct systems |
|  | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | |

Duct Seals

| | | | | | | | | |
|---|---|--------------|------------|--------|--------|--------|--------|--------|
|  | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
|  | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
|  | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

Internal Duct Terminals





| | | | | | | | | |
|---|--|-----------|-------|-----|---|-----|------|-------|
|  | Air Valve - Adapter | 2013 | - | M/F | - | 7.9 | 31.5 | 126.0 |
|  | Air Valve - Extract or Supply | 136-04 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling | 136-24 | 40136 | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-24M | - | M | - | - | - | - |

DOMUS 234 X 29mm



DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Internal Duct Terminals

| | | | | | | | | |
|--|---|-----------------|--------|--------|---|--|--------|--------|
|  | Diffuser - Multi-Directional Grille with Environment Filter | 4908F | - | M | 2706 (Equivalent area 2857 mm ²) | 7.1l/s @ 10Pa exhaust air heat pump specific | | |
|  | Accessories: Environmental Filter | 40AF | - | - | - | - | - | - |
|  | Pollen Filter | 40AFP | - | - | - | - | - | - |
|  | Diffuser - Round - White Diffuser - Round - Chrome | 4907W 4907CH | - - | M M | - - | - - | - - | - - |

External Wall Duct Terminals

| | | | | | | | | |
|---|---|---|----------------------------|----------------------------|--|--|--|--|
|  | Outlet - Airbrick - Fascia - Adapter | 2016 | - | F | - | - | - | - |
|  | Outlet - Airbrick - Fascia - White Brown Cotswold Terracotta Grey Black | 2316W 2316B 2316C 2316T 2316G 2316BK | - - - - - - | M M M M M M | 5500 5500 5500 5500 5500 5500 | 7.7 7.7 7.7 7.7 7.7 7.7 | 29.9 29.9 29.9 29.9 29.9 29.9 | 115.8 115.8 115.8 115.8 115.8 115.8 |

TECHNICAL TIPS...



- Insulate duct passing through cold areas with Domus Thermal. Please turn to page 78 for more information
- Remember to specify FireBrake products where duct is installed through fire compartment walls. Patented FireBrake offers up to 2 hours of fire protection, and is available as part of all Domus duct systems
- Where space is available use circular rigid duct for greater efficiency
- Did you know that the installation of condensation traps is recommended in both Building Regulations and NHBC Standards? If you would like to read more on Polypipe's Condensation Traps then please go to page 62 or call 08443 715523



DOMUS 308 X 29mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|--------------------------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct | | | | | | | | |
| | Duct - 1.5m | 30150 | - | D | 7833 | 3.4 | 12.7 | 47.5 |
| | Duct - 2m | 30200 | - | D | 7833 | 4.5 | 16.9 | 63.3 |
| | Duct - Connector - Straight | 3006 | - | F | - | - | - | - |
| | Duct - Bend - Horizontal - 90° | 3007 | - | F | - | 2.62 | 10.42 | 41.52 |
| | Duct - Bend - Horizontal - 45° | 3008 | - | F | - | 1.14 | 4.09 | 14.71 |
| | Duct - Bend - Vertical - 90° | 3010 | - | F | - | 3.09 | 11.48 | 42.62 |
| | Duct - Bend - Vertical - 45° | 3011 | - | F | - | 2.23 | 7.7 | 26.61 |
| | Duct - Y Piece | 3015 | - | F | - | - | - | - |

Duct Fixings

| | | | | | | | | |
|--|-------------|-------|---|---|---|---|---|---|
| | Duct - Clip | 2014* | - | - | - | - | - | - |
|--|-------------|-------|---|---|---|---|---|---|

*Two components per fitting required.



Currently a Domus or Silavent customer and interested in knowing more about the wider Polypipe Ventilation offer? Call 08443 715523 to find out how we can help you.

DOMUS 308 X 29mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--|---|--------------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct Insulation | | | | | | | | |
| | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
| Fire Compartment Integrity - FireBrake | | | | | | | | |
| | FireBrake - Intumescent Duct Connector | 3087 | - | F | - | - | - | - |
| | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - |
| <ul style="list-style-type: none"> ■ Meets NHBC requirements ■ Tested by BRE to BS476/ EN 1366-3 ■ Provides 2 hours fire protection ■ Forms an integral part of Domus duct systems | | | | | | | | |
| Duct Seals | | | | | | | | |
| | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
| | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
| | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |



Always attempt to position supply and extract grilles/valves in the ceiling and as far as possible from the door in order to provide maximum air circulation.



DOMUS 308 X 29mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------------------------|--|-----------|-------------|--------------------------------------|---|---|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Internal Duct Terminals | | | | | | | | |
| | Air Valve - Adapter | 3013 | - | F | - | 4.3 | 15.8 | 58.9 |
| | Air Valve - Extract or Supply | 136-04 | - | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling | 136-24 | 40136 | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-24M | - | M | - | - | - | - |
| | Diffuser - Multi-Directional Grille with Environment Filter | 4908F | - | M | 2706 (Equivalent area 2857 mm ²) | 7.1/s @ 10Pa exhaust air heat pump specific | | |
| | Accessories: Environmental Filter | 40AF | - | - | - | - | - | - |
| | Pollen Filter | 40AFP | - | - | - | - | - | - |
| | Diffuser - Round - White | 4907W | - | M | - | - | - | - |
| | Diffuser - Round - Chrome | 4907CH | - | M | - | - | - | - |

External Wall Duct Terminals

| | | | | | | | | |
|--|---|--------|---|---|------|-----|------|-------|
| | Outlet - Airbrick - Fascia - Adapter | 3016 | - | F | - | - | - | - |
| | Outlet - Airbrick - Fascia - White | 2316W | - | M | 5500 | 7.7 | 29.9 | 115.8 |
| | Brown | 2316B | - | M | 5500 | 7.7 | 29.9 | 115.8 |
| | Cotswold | 2316C | - | M | 5500 | 7.7 | 29.9 | 115.8 |
| | Terracotta | 2316T | - | M | 5500 | 7.7 | 29.9 | 115.8 |
| | Grey | 2316G | - | M | 5500 | 7.7 | 29.9 | 115.8 |
| | Black | 2316BK | - | M | 5500 | 7.7 | 29.9 | 115.8 |



DOMUS ø100mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|--|--------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct | | | | | | | | |
| | Duct - 0.25-0.45m - Telescopic Assembly | 130-4 | - | - | - | - | - | - |
| | Duct - 0.35m | 135-4 | 40135 | D | 7850 | 0.17 | 0.5 | 1.1 |
| | Duct - 1m | 1100-4 | 41100 | D | 7850 | 0.5 | 1.4 | 3.1 |
| | Duct - 1m - Sleeve | 2100-4 | - | - | 7850 | 0.5 | 1.4 | 3.1 |
| | Duct - 2m | 1200-4 | - | D | 7850 | 1.0 | 2.8 | 6.2 |
| | Duct - Connector - Straight | 493 | 40493 | M | - | 0.9 | 4.2 | 20.4 |
| | Duct - Connector - Straight - Damper | 494 | 40494 | M | - | 25.0 | 44.9 | 101.6 |
| | Duct - Connector - Straight - Damper & Wall Plate | 495 | - | M | - | 25.0 | 44.9 | 101.6 |
| | Duct - Bend - Horizontal - 90° | 490 | 40490 | M | - | 5.6 | 21.1 | 80.1 |
| | Duct - Bend - Horizontal - 45° | 491 | 40491 | M | - | 2.1 | 8.2 | 31.4 |
| | Duct - T Piece - Horizontal | 492 | 40492 | M | - | - | - | - |
| | Duct - Y Piece | 499 | - | M | - | - | - | - |
| | Duct - Wall Plate | 114-4 | 40114 | - | - | - | - | - |



Background ventilation is required for intermittent extract fans and MEV systems. For air supply kits, see page 76.




DOMUS ø100mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Duct Fixings

| | | | | | | | | |
|---|-------------|-----|-------|---|---|---|---|---|
|  | Duct - Clip | 496 | 40496 | - | - | - | - | - |
|---|-------------|-----|-------|---|---|---|---|---|







Condensation Control

| | | | | | | | | |
|---|---|-----|-------|-----|---|-----|-----|------|
|  | Duct - Condensation Trap with Overflow <small>(For technical guidance on this product see illustration on page 62)</small> | 497 | 40497 | M/F | - | 1.3 | 5.9 | 26.9 |
|---|---|-----|-------|-----|---|-----|-----|------|

Duct Insulation

For information on our duct insulation systems, please turn to page 78.



| | | | | | | | | |
|---|---|--------------------------|---|---|---|---|---|---|
|  | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
|  | Duct Insulation 1m | TS1100-4* (8 per box) | - | - | - | - | - | - |
|  | 90° Bend Duct Insulation | TS490* (6 per box) | - | - | - | - | - | - |
|  | 45° Bend Duct Insulation | TS491* (6 per box) | - | - | - | - | - | - |
|  | Equal T Piece Duct Insulation | TS492* (6 per box) | - | - | - | - | - | - |
|  | PVC Coated Steel Fastening Strap, 10m Roll, White | TS22 | - | - | - | - | - | - |

*Two components per fitting required.



DOMUS ø100mm

DOMUS




| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Fire Compartment Integrity - FireBrake





| | | | | | | | | | |
|---|--|-------|---|---|---|---|---|---|---|
|  | FireBrake - Intumescent Duct Connector | 488 | - | F | - | - | - | - | <ul style="list-style-type: none"> ■ Meets NHBC requirements ■ Tested by BRE to BS476/EN 1366-3 ■ Provides 2 hours fire protection ■ Forms an integral part of Domus duct systems |
|  | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - | |




Duct Seals

| | | | | | | | | |
|---|---|--------------|------------|--------|--------|--------|--------|--------|
|  | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
|  | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
|  | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

Flexible Hose

| | | | | | | | | |
|---|------------------------|------|-------|---|---|---|---|---|
|  | Hose - 1m | 361 | 40361 | F | - | - | - | - |
| | Hose - 3m | 363 | 40363 | F | - | - | - | - |
| | Hose - 6m | 366 | - | F | - | - | - | - |
| | Hose - 15m | 3615 | - | F | - | - | - | - |
| | Hose - 45m | 3645 | - | F | - | - | - | - |
|  | Hose - Insulated - 10m | 4210 | - | F | - | - | - | - |

Flexible Hose Connectors

| | | | | | | | | |
|---|--------------------------------------|-------|-------|---|---|---|---|---|
|  | Hose - Connector | 380 | - | M | - | - | - | - |
|  | Hose - Connector - Threaded - Socket | 126-4 | 40126 | F | - | - | - | - |
|  | Hose - Connector - Threaded - Spigot | 124-4 | 40124 | M | - | - | - | - |



DOMUS ø100mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Aluminium Duct

| | | | | | | | | |
|--|-----------------------|--------|-------|---|---|---|---|---|
| | Aluminium Duct - 0.3m | 403203 | - | F | - | - | - | - |
| | Aluminium Duct - 1.5m | 403215 | - | F | - | - | - | - |
| | Aluminium Duct - 3m | 403230 | - | F | - | - | - | - |
| | Aluminium - Duct Clip | 127-4 | 40127 | - | - | - | - | - |

Insulated Hose and Aluminium Duct Fixings

| | | | | | | | | |
|--|-------------------------|---------|-------|----------|---|---|---|---|
| | Hose - Clip | 125-4 | 40125 | 90-110mm | - | - | - | - |
| | Hose - Clip - Universal | 125-UNI | - | 65-215mm | - | - | - | - |

Internal Duct Terminals

| | | | | | | | | |
|--|--|-----------|-------|---|---|--|---|---|
| | Air Valve - Extract or Supply | 136-04 | - | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling | 136-24 | 40136 | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-24M | - | M | - | - | - | - |
| | Diffuser - Multi-Directional Grille with Environment Filter | 4908F | - | M | 2706 (Equivalent area 2857 mm ²) | 7.1l/s @ 10Pa exhaust air heat pump specific | | |
| | Accessories: Environmental Filter | 40AF | - | - | - | - | - | - |
| | Pollen Filter | 40AFP | - | - | - | - | - | - |
| | Diffuser - Round - White | 4907W | - | M | - | - | - | - |
| | Diffuser - Round - Chrome | 4907CH | - | M | - | - | - | - |

DOMUS ø100mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

External Wall Duct Terminals

| | | | | | | | | |
|--|--|--------|---------|---|------|-----|------|-------|
| | Outlet - Gravity Flaps - White | 4900W | 44910W | M | 7200 | 9.2 | 10.8 | 11.4 |
| | Brown | 4900B | 44910B | M | 7200 | 9.2 | 10.8 | 11.4 |
| | Cotswold | 4900C | - | M | 7200 | 9.2 | 10.8 | 11.4 |
| | Terracotta | 4900T | 44910T | M | 7200 | 9.2 | 10.8 | 11.4 |
| | Black | - | 44900BK | M | 7200 | 9.2 | 10.8 | 11.4 |
| | Outlet - Cowled - Damper - White | 4902W | 44932W | M | 7230 | 6.7 | 12.5 | 41.6 |
| | Brown | 4902B | 44932B | M | 7230 | 6.7 | 12.5 | 41.6 |
| | Cotswold | 4902C | - | M | 7230 | 6.7 | 12.5 | 41.6 |
| | Terracotta | 4902T | - | M | 7230 | 6.7 | 12.5 | 41.6 |
| | Black | - | 44902BK | M | 7230 | 6.7 | 12.5 | 41.6 |
| | Outlet - Louvred Grille - White | 4904W | - | M | 6500 | 2.0 | 7.9 | 30.4 |
| | Brown | 4904B | - | M | 6500 | 2.0 | 7.9 | 30.4 |
| | Cotswold | 4904C | - | M | 6500 | 2.0 | 7.9 | 30.4 |
| | Terracotta | 4904T | - | M | 6500 | 2.0 | 7.9 | 30.4 |
| | Black | - | 44904BK | M | 6500 | 2.0 | 7.9 | 30.4 |
| | Outlet - Louvred Grille - Flyscreen - White | F4904W | 44954W | M | 5850 | 9.9 | 37.1 | 138.7 |
| | Brown | F4904B | 44954B | M | 5850 | 9.9 | 37.1 | 138.7 |
| | Cotswold | F4904C | - | M | 5850 | 9.9 | 37.1 | 138.7 |
| | Terracotta | F4904T | - | M | 5850 | 9.9 | 37.1 | 138.7 |

Square grilles and cowls 154mm x 154mm.

To download any Polypipe Ventilation literature
visit www.polypipe.com/ventilation

EASIPIPE
100

ø100mm



DOMUS ø100mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

External Wall Duct Terminals

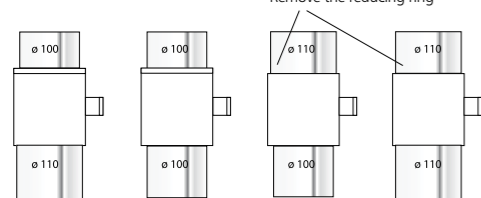
| | | | | | | | | |
|--|---|--------|---------|---|------|------|------|-------|
| | Outlet - Louvred Soffit Vent - Round - White | 4804W | 44804W | M | 4200 | 13.3 | 53.0 | 211.2 |
| | Outlet - Louvred Soffit Vent - Round - Brown | 4804B | 44804B | M | 4200 | 13.3 | 53.0 | 211.2 |
| | Outlet - Louvred Soffit Vent - Round - Flyscreen - White | F4804W | F44804W | M | 3350 | 21.5 | 86.4 | 346.5 |
| | Outlet - Louvred Soffit Vent - Round - Flyscreen - Brown | F4804B | F44804B | M | 3350 | 21.5 | 86.4 | 346.5 |
| | Outlet - Louvred Soffit Vent - Round - Flyscreen - Cotswold | F4804C | - | M | 3350 | 21.5 | 86.4 | 346.5 |
| | Outlet - Louvred Soffit Vent - Round - Flyscreen - Terracotta | F4804T | - | M | 3350 | 21.5 | 86.4 | 346.5 |

External Roof Duct Terminals

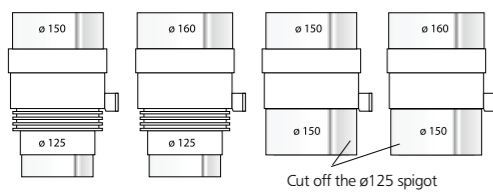
| | | | | | | | | |
|--|-----------------------|------|---|---|---|---|---|---|
| | Roof Cowl - Universal | 4411 | - | M | - | - | - | - |
|--|-----------------------|------|---|---|---|---|---|---|

Condensation Trap Pipe Combinations

Code: 497 - ø100mm



Code: 5697 - ø125mm



All dimensions shown in mm

Note: 125mm installations - exit the trap using 150mm ventilation pipe or 160mm soil pipe in order to reduce air flow resistance.

EASIPIPE
125

ø125mm



DOMUS ø125mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Duct

| | | | | | | | | |
|--|---|--------|-------|---|-------|------|------|------|
| | Duct - 0.25-0.45m - Telescopic Assembly | 130-5 | - | - | - | - | - | - |
| | Duct - 0.35m | 135-5 | 50135 | D | 12266 | 0.07 | 0.25 | 0.67 |
| | Duct - 1m | 1100-5 | 51100 | D | 12266 | 0.2 | 0.7 | 1.9 |
| | Duct - 1m - Sleeve | 2100-5 | - | - | 12266 | 0.2 | 0.7 | 1.9 |
| | Duct - 2m | 1200-5 | - | D | 12266 | 0.4 | 1.4 | 3.8 |
| | Duct - Connector - Straight | 593 | 50593 | M | - | 0.2 | 0.9 | 4.3 |
| | Duct - Connector - Straight - Damper | 594 | 50594 | M | - | 18.3 | 31.5 | 61.7 |
| | Duct - Connector - Straight - Damper & Wall Plate | 595 | - | M | - | 18.3 | 31.5 | 61.7 |
| | Duct - Bend - Horizontal - 90° | 590 | 50590 | M | - | 2.0 | 8.4 | 34.9 |
| | Duct - Bend - Horizontal - 45° | 591 | 50591 | M | - | 0.7 | 2.9 | 12.2 |
| | Duct - T Piece - Horizontal | 592 | 50592 | M | - | - | - | - |
| | Duct - Y Piece - Metal - White | 599M | - | M | - | - | - | - |
| | Duct - Wall Plate | 114-5 | - | - | - | - | - | - |



DOMUS ø125mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Duct Fixings

| | | | | | | | | |
|---|-------------|-----|-------|---|---|---|---|---|
|  | Duct - Clip | 596 | 50596 | - | - | - | - | - |
|---|-------------|-----|-------|---|---|---|---|---|







Condensation Control

| | | | | | | | | |
|---|---|------|---|-----|---|---|---|---|
|  | Duct - Condensation Trap with Overflow <small>(For technical guidance on this product see illustration on page 62)</small> | 5697 | - | M/F | - | - | - | - |
|---|---|------|---|-----|---|---|---|---|

Duct Insulation

For information on our duct insulation systems, please turn to page 78.



| | | | | | | | | |
|---|---|--------------------------|---|---|---|---|---|---|
|  | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
|  | Duct Insulation 1m | TS1100-5* (8 per box) | - | - | - | - | - | - |
|  | 90° Bend Duct Insulation | TS590* (6 per box) | - | - | - | - | - | - |
|  | 45° Bend Duct Insulation | TS591* (6 per box) | - | - | - | - | - | - |
|  | Equal T Piece Duct Insulation | TS592* (6 per box) | - | - | - | - | - | - |
|  | PVC Coated Steel Fastening Strap, 10m Roll, White | TS22 | - | - | - | - | - | - |

*Two components per fitting required.



Polypipe Ventilation offers a range of technical support, from a telephone hot-line, schedule drawings or bespoke CAD system design, through to on-site technical assistance. For more information on any of these services, call 08443 715523.



DOMUS ø125mm

DOMUS




| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Fire Compartment Integrity - FireBrake





| | | | | | | | | | |
|---|--|-------|---|---|---|---|---|---|---|
|  | FireBrake - Intumescent Duct Connector | 588 | - | F | - | - | - | - | <ul style="list-style-type: none"> Meets NHBC requirements Tested by BRE to BS476/EN 1366-3 Provides 2 hours fire protection Forms an integral part of Domus duct systems |
|  | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - | |



Duct Seals

| | | | | | | | | |
|---|---|--------------|------------|--------|--------|--------|--------|--------|
|  | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
|  | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
|  | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

Flexible Hose

| | | | | | | | | |
|---|---|---------------------------|---------------------|------------------|------------------|------------------|------------------|------------------|
|  | Hose - 1m Hose - 3m Hose - 6m Hose - 15m | 561 563 566 5615 | 50561 50563 - | F F F F | - - - - | - - - - | - - - - | - - - - |
|  | Hose - Insulated - 10m | 5210 | - | F | - | - | - | - |

Flexible Hose Connectors

| | | | | | | | | |
|---|--------------------------------------|-------|-------|---|---|---|---|---|
|  | Hose - Connector | 580 | - | M | - | - | - | - |
|  | Hose - Connector - Threaded - Socket | 126-5 | 50126 | F | - | - | - | - |



DOMUS ø125mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

Aluminium Duct

| | | | | | | | | |
|--|-----------------------|--------|-------|---|---|---|---|---|
| | Aluminium Duct - 0.3m | 503203 | - | F | - | - | - | - |
| | Aluminium Duct - 1.5m | 503215 | - | F | - | - | - | - |
| | Aluminium Duct - 3m | 503230 | - | F | - | - | - | - |
| | Aluminium - Duct Clip | 127-5 | 50127 | - | - | - | - | - |

Insulated Hose and Aluminium Duct Fixings

| | | | | | | | | |
|--|-------------------------|---------|-------|-----------|---|---|---|---|
| | Hose - Clip | 125-5 | 50125 | 110-130mm | - | - | - | - |
| | Hose - Clip - Universal | 125-UNI | - | 65-215mm | - | - | - | - |

Internal Duct Terminals

| | | | | | | | | |
|--|--|-----------|--------|---|---|---|---|---|
| | Air Valve - Extract or Supply | 136-05 | - | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling | 136-25 | 50136 | M | - | - | - | - |
| | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-25M | - | M | - | - | - | - |
| | Diffuser - Round - White | 5907W | 55907W | M | - | - | - | - |



Always seal duct joints to avoid condensate leakage and maintain optimal air-flow.

DOMUS ø125mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

External Wall Duct Terminals

| | | | | | | | | |
|--|--|--------|--------|---|-------|-----|-----|------|
| | Outlet - Gravity Flaps - White | 5900W | 55900W | M | 11200 | 6.7 | 9.9 | 12.7 |
| | Brown | 5900B | 55900B | M | 11200 | 6.7 | 9.9 | 12.7 |
| | Cotswold | 5900C | - | M | 11200 | 6.7 | 9.9 | 12.7 |
| | Terracotta | 5900T | - | M | 11200 | 6.7 | 9.9 | 12.7 |
| | Outlet - Cowl - Damper - White | 5902W | 55902W | M | 11500 | 5.8 | 7.7 | 13.1 |
| | Brown | 5902B | 55902B | M | 11500 | 5.8 | 7.7 | 13.1 |
| | Cotswold | 5902C | - | M | 11500 | 5.8 | 7.7 | 13.1 |
| | Terracotta | 5902T | - | M | 11500 | 5.8 | 7.7 | 13.1 |
| | Outlet - Louvred Grille - White | 5904W | - | M | 11500 | 0.6 | 2.1 | 7.7 |
| | Brown | 5904B | - | M | 11500 | 0.6 | 2.1 | 7.7 |
| | Cotswold | 5904C | - | M | 11500 | 0.6 | 2.1 | 7.7 |
| | Terracotta | 5904T | - | M | 11500 | 0.6 | 2.1 | 7.7 |
| | Outlet - Louvred Grille - Flyscreen - White | F5904W | 55904W | M | 9200 | 2.0 | 7.1 | 24.6 |
| | Brown | F5904B | 55904B | M | 9200 | 2.0 | 7.1 | 24.6 |
| | Cotswold | F5904C | - | M | 9200 | 2.0 | 7.1 | 24.6 |
| | Terracotta | F5904T | - | M | 9200 | 2.0 | 7.1 | 24.6 |

External Roof Duct Terminals

| | | | | | | | | |
|--|-----------------------|------|---|---|---|---|---|---|
| | Roof Cowl - Universal | 4411 | - | M | - | - | - | - |
|--|-----------------------|------|---|---|---|---|---|---|

Square grilles and cowls 200mm x 200mm.











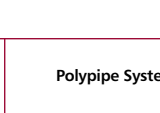


The range of Domus Thermal duct insulation components are specifically designed to insulate round or rectangular ducting passing through cold areas where condensation is likely to occur. For more information turn to page 78.



DOMUS ø150mm

DOMUS







| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|---|--|--------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct | | | | | | | | |
|  | Duct - 0.25-0.45m - Telescopic Assembly | 130-6 | - | - | - | - | - | - |
|  | Duct - 0.35m | 135-6 | - | D | 17263 | 0.04 | 0.14 | 0.42 |
|  | Duct - 1m | 1100-6 | - | D | 17263 | 0.1 | 0.4 | 1.2 |
|  | Duct - 1m - Sleeve | 2100-6 | - | - | 17263 | 0.1 | 0.4 | 1.2 |
|  | Duct - 2m | 1200-6 | - | D | 17263 | 0.2 | 0.8 | 2.4 |
|  | Duct - Connector - Straight | 693 | - | M | - | 0.1 | 0.2 | 1.1 |
|  | Duct - Connector - Straight - Damper | 694 | - | M | - | 13.6 | 23.5 | 43.6 |
|  | Duct - Connector - Straight - Damper & Wall Plate | 695 | - | M | - | 13.6 | 23.5 | 43.6 |
|  | Duct - Bend - Horizontal - 90° | 690 | - | M | - | 1.0 | 4.2 | 18.2 |
|  | Duct - Bend - Horizontal - 45° | 691 | - | M | - | 0.4 | 1.7 | 7.3 |
|  | Duct - T Piece - Horizontal - Metal - White | 692M | - | M | - | - | - | - |
|  | Duct - Y Piece - Metal - White | 699M | - | M | - | - | - | - |
| | Duct - Wall Plate | 114-6 | - | - | - | - | - | - |



Interested in developments in the ventilation industry and innovations from Polypipe Ventilation? Register to receive our regular email update by emailing vent.info@polypipe.com

DOMUS ø150mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|---|--|--------------------------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |
| Duct Fixings | | | | | | | | |
|  | Duct - Clip | 696 | - | - | - | - | - | - |
| Condensation Control | | | | | | | | |
|  | Duct - Condensation Trap with Overflow <small>(For technical guidance on this product see illustration on page 62)</small> | 5697 | - | M/F | - | - | - | - |
| Duct Insulation | | | | | | | | |
| For information on our duct insulation systems, please turn to page 78.  | | | | | | | | |
|  | Insulation - Sheet - 1m x 1.2m | 10TP12 | - | - | - | - | - | - |
|  | Duct Insulation 1m | TS1100-6* (8 per box) | - | - | - | - | - | - |
|  | 90° Bend Duct Insulation | TS690* (6 per box) | - | - | - | - | - | - |
|  | Equal T Piece Duct Insulation | TS692* (6 per box) | - | - | - | - | - | - |
|  | PVC Coated Steel Fastening Strap, 10m Roll, White | TS22 | - | - | - | - | - | - |

*Two components per fitting required.





DOMUS ø150mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |




Fire Compartment Integrity - FireBrake





| | | | | | | | | |
|---|--|-------|---|---|---|---|---|---|
|  | FireBrake - Intumescent Duct Connector | 688 | - | F | - | - | - | - |
|  | FireBrake - Acoustic Intumescent Mastic, 310ml | MAS87 | - | - | - | - | - | - |

- Meets NHBC requirements
- Tested by BRE to BS476/ EN 1366-3
- Provides 2 hours fire protection
- Forms an integral part of Domus duct systems



Duct Seals

| | | | | | | | | |
|---|---|--------------|------------|--------|--------|--------|--------|--------|
|  | Duct - Sealant | DDSEAL | - | - | - | - | - | - |
|  | Duct - Tape - Aluminium - 45m | 50TP45 | - | - | - | - | - | - |
|  | Duct - Tape - PVC - 4.6m Duct - Tape - PVC - 33m | 123-4 123 | 40123 - | - - | - - | - - | - - | - - |

Flexible Hose

| | | | | | | | | |
|---|---|---------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|  | Hose - 1m Hose - 3m Hose - 6m Hose - 15m | 661 663 666 6615 | - - - - | F F F F | - - - - | - - - - | - - - - | - - - - |
|  | Hose - Insulated - 10m | 6210 | - | F | - | - | - | - |

Flexible Hose Connectors



| | | | | | | | | |
|---|--------------------------------------|-------|---|---|---|---|---|---|
|  | Hose - Connector | 680 | - | M | - | - | - | - |
|  | Hose - Connector - Threaded - Socket | 126-6 | - | F | - | - | - | - |

DOMUS ø150mm


DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |





Aluminium Duct

| | | | | | | | | |
|---|---|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
|  | Aluminium Duct - 0.3m Aluminium Duct - 1.5m Aluminium Duct - 3m | 603203 603215 603230 | - - - | F F F | - - - | - - - | - - - | - - - |
|  | Aluminium - Duct Clip | 127-6 | - | - | - | - | - | - |

Insulated Hose and Aluminium Duct Fixings

| | | | | | | | | |
|---|--------------------------------------|------------------|--------|---------------------------|--------|--------|--------|--------|
|  | Hose - Clip Hose Clip - Universal | 125-6 125-UNI | - - | 140 - 160mm 65 - 215mm | - - | - - | - - | - - |
|---|--------------------------------------|------------------|--------|---------------------------|--------|--------|--------|--------|

Internal Duct Terminals

| | | | | | | | | |
|---|--|-----------|---|---|---|---|---|---|
|  | Air Valve - Extract or Supply | 136-06 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling | 136-26 | - | M | - | - | - | - |
|  | Air Valve - Extract or Supply - Suspended Ceiling - Fire Rated | 136FR-26M | - | M | - | - | - | - |
|  | Diffuser - Round - White | 6907W | - | M | - | - | - | - |



DOMUS ø150mm

DOMUS

| Product Type | Description | Code | | Connection (Male/Duct/ Female) | Free Area (mm ²) | Pressure Loss (Pa) | | |
|--------------|-------------|-------|-------------|--------------------------------------|---------------------------------|--------------------|--------|--------|
| | | Boxed | Retail Pack | | | @15l/s | @30l/s | @60l/s |

External Wall Duct Terminals

| | | | | | | | | | |
|------------|--|--------|--------|---|-------|-------|-----|------|------|
| | Outlet - Gravity Flaps - White | | 6900W | - | M | 16000 | 5.9 | 8.5 | 11.4 |
| | Brown | | 6900B | - | M | 16000 | 5.9 | 8.5 | 11.4 |
| | Cotswold | | 6900C | - | M | 16000 | 5.9 | 8.5 | 11.4 |
| | Terracotta | | 6900T | - | M | 16000 | 5.9 | 8.5 | 11.4 |
| | Outlet - Cowled - Damper - White | | 6902W | - | M | 16500 | 5.3 | 8.0 | 14.5 |
| Brown | | 6902B | - | M | 16500 | 5.3 | 8.0 | 14.5 | |
| Cotswold | | 6902C | - | M | 16500 | 5.3 | 8.0 | 14.5 | |
| Terracotta | | 6902T | - | M | 16500 | 5.3 | 8.0 | 14.5 | |
| | Outlet - Louvred Grille - White | | 6904W | - | M | 16500 | 0.5 | 1.8 | 6.3 |
| | Brown | | 6904B | - | M | 16500 | 0.5 | 1.8 | 6.3 |
| | Cotswold | | 6904C | - | M | 16500 | 0.5 | 1.8 | 6.3 |
| | Terracotta | | 6904T | - | M | 16500 | 0.5 | 1.8 | 6.3 |
| | Outlet - Louvred Grille - Flyscreen - White | | F6904W | - | M | 13200 | 1.6 | 5.2 | 17.4 |
| Brown | | F6904B | - | M | 13200 | 1.6 | 5.2 | 17.4 | |
| Cotswold | | F6904C | - | M | 13200 | 1.6 | 5.2 | 17.4 | |
| Terracotta | | F6904T | - | M | 13200 | 1.6 | 5.2 | 17.4 | |

External Roof Duct Terminals

| | | | | | | | | | |
|--|-----------------------|--|------|---|---|---|---|---|---|
| | Roof Cowl - Universal | | 4411 | - | M | - | - | - | - |
|--|-----------------------|--|------|---|---|---|---|---|---|

Square grilles and cowls 200mm x 200mm.

ADAPTERS

DOMUS

| Product Type | Description | Code | | øTo | øFrom | Connection (Male/Duct/ Female) | Pressure Loss (Pa) | | | | |
|--------------|-------------|-------|-------------|-----|-------|--------------------------------------|--------------------|-------|-------|--------|--------|
| | | Boxed | Retail Pack | | | | 15l/s | 30l/s | 60l/s | 120l/s | 180l/s |

In-line Adapters

| | | | | | | | | | | | |
|-----|---|--------------------------------|-----------------------------|-------------------------------|-------------------|-------|------|-------|-------|------|------|
| | Duct - Adapters - Straight - Round - Round | DD019 | - | 100mm | 80mm | D/M | - | - | - | - | - |
| | | 120 | 40120 | 110mm | 100mm | F/M | - | - | - | - | - |
| | | 119 | 40119 | 125mm | 100mm | D/M | 1.5 | 5.9 | 24 | - | - |
| | | 519 | - | 125mm | 120mm | F/F | - | - | - | - | - |
| | | 619 | - | 150mm | 100mm | D/M | - | - | - | - | - |
| | | 118 | 50118 | 150mm | 125mm | D/M | 0.6 | 2.2 | 8.8 | - | - |
| | | 620 | - | 160mm | 150mm | D/M | - | - | - | - | - |
| | | 819 | - | 200mm | 150mm | D/M | - | - | - | - | - |
| | Duct - Adapters - Straight - Round - Round - Space Saving | 544 | - | 125mm | 100mm | M/M | - | - | - | - | - |
| | | 644 | - | 150mm | 100mm or 125mm | M/M/M | - | - | - | - | - |
| | Duct - Adapters - Straight - Rectangular - Round | DD070 | 40070 | 110 x 54mm | 100mm | F/D | 3.7 | 14.6 | 58 | - | - |
| | | DD073 | - | 204 x 60mm Single Airbrick | 100mm | M/M | 4.1 | 16.8 | 68.7 | - | - |
| | | 570 | 50570 | 204 x 60mm | 125mm | F/D | 0.7 | 2.9 | 11.5 | - | - |
| | | 970 | - | 220 x 90mm | 150mm | F/F | - | - | 3.7 | 14.1 | 30.7 |
| | | 2005 | - | 234 x 29mm | 100mm | F/D | 3.8 | 14.8 | 57.2 | - | - |
| | | 3005 | - | 308 x 29mm | 100mm | F/D | 6.11 | 23.67 | 91.66 | - | - |
| 954 | - | 227 x 133mm Double Airbrick | 100mm, 125mm or 150mm | F/M/M/M | - | - | - | - | - | | |
| | Duct - Adapters - Straight - Rectangular - Round - Space Saving | DD071 | 40071 | 110 x 54mm | 100mm | F/M | 4.8 | 20.4 | 86.2 | - | - |



Do you have a technical question that needs answering?
Call our customer service team on **08443 715523**.



ADAPTERS

DOMUS

| Product Type | Description | Code | | øTo | øFrom | Connection (Male/Duct/ Female) | Pressure Loss (Pa) | | | | |
|-------------------------|--|-------|-------------|----------|----------|--------------------------------------|--------------------|-------|-------|--------|--------|
| | | Boxed | Retail Pack | | | | 15l/s | 30l/s | 60l/s | 120l/s | 180l/s |
| In-line Adapters | | | | | | | | | | | |
| | Duct - Adapters - Straight - Rectangular-Rectangular | DD077 | 40077 | 204x60mm | 110x54mm | D/M | 1.2 | 4.7 | 17.8 | - | - |
| | | 2016 | - | 204x60mm | 234x29mm | F/F | - | - | - | - | - |
| | | 3016 | - | 204x60mm | 308x29mm | F/F | - | - | - | - | - |
| | | 2332 | - | 308x29mm | 234x29mm | F/F | - | - | - | - | - |
| | | 957 | - | 220x90mm | 204x60mm | M/F | - | - | 45.8 | 186.6 | 431.8 |
| | | 958 | - | 220x90mm | 204x60mm | F/F | - | - | - | - | - |
| | 977 | - | 277x133mm | 220x90mm | M/F | - | - | 20.8 | 75.1 | 173 | |
| Plenums | | | | | | | | | | | |
| | Duct - Plenums - Fixed Socket | DD030 | 40030 | 110x54mm | 100mm | F/D | 8.1 | 33.1 | 136.4 | - | - |
| | Duct - Plenums - Fixed Spigot | DD040 | 40040 | 110x54mm | 100mm | F/M | 8.1 | 33.1 | 136.4 | - | - |
| | | 440 | - | 204x60mm | 102mm | F/M | 1.4 | 5.3 | 19.9 | - | - |
| | | 540 | - | 204x60mm | 125mm | F/M | 1.7 | 6.9 | 27.1 | - | - |
| | | 640 | - | 204x60mm | 150mm | F/M | 1.8 | 7.4 | 29.8 | - | - |
| | | 2013 | - | 234x29mm | 100mm | F/D | 7.9 | 31.5 | 126 | - | - |
| | | 3013 | - | 308x29mm | 100mm | F/D | 4.3 | 15.8 | 58.9 | - | - |
| | Duct - Plenums - Rotating Offset Spigot | 441 | - | 204x60mm | 100mm | F/M | 7.3 | 29.1 | 116.4 | - | - |
| | | 541 | 50541 | 204x60mm | 125mm | F/M | 2.7 | 11.1 | 45.9 | - | - |
| | | 641 | - | 204x60mm | 150mm | F/M | 1.1 | 4.5 | 18.3 | - | - |
| 941 | | - | 220x90mm | 100mm | F/M | - | - | 5.3 | 20.4 | 44.8 | |
| 951 | | - | 220x90mm | 125mm | F/M | - | - | 3.6 | 14.9 | 34.4 | |
| | 961 | - | 220x90mm | 150mm | F/M | - | - | 9 | 34 | 75 | |

ANCILLARY COMPONENTS

DOMUS

| Product Type | Description | Code | | Dimensions (mm) | Free Area (mm ²) |
|--------------------------------|--|-------------------------|----------------|--|--|
| | | Boxed | Retail Pack | | |
| Worktop Ventilator | | | | | |
| | Flat Grille - Louvre - Aluminium | 148A | - | 500 x 80mm 446 x 65mm Cut out size | 8500mm ² |
| Door/Wall Ventilator | | | | | |
| | Flat Grille - Louvre - White | 793 796 | 40793 40796 | 271 x 95mm 271 x 171mm | 8800mm ² 17766mm ² |
| | Flat Grille - Adjustment - White | 893 896 | 40893 40896 | 271 x 95mm 271 x 171mm | 4330mm ² 8490mm ² |
| Soil Ventilation | | | | | |
| | Roof - Vent Cowl - White Brown Grey | 4110W 4110B 4110G | - - - | Ø110mm Ø110mm Ø110mm | - - - |
| | Roof - Weathering Slate - Rubber/ Aluminium | 4457 | - | Ø110mm | - |
| | Duct - Condensation Trap - White (For technical guidance on this product see illustration on page 62) | 497 | - | Ø100mm & Ø110mm | - |
| FireBrake Electrical | | | | | |
| | FireBrake - Electrical Conduit - ø20mm - Red | 20C89 | - | Length 300mm | ■ Meets 17th edition of IEE Wiring requirements ■ Tested by BRE to BS476 Part 201 EN1360-3 ■ Provides 2 hours of fire protection |
| | FireBrake - Electrical Conduit - ø25mm - Red | 25C89 | - | Length 300mm | |
| Flexible Hose Connector | | | | | |
| | Hose - Connector | 126-110 | - | Ø110mm | - |
| Insulated Hose Clip | | | | | |
| | Hose - Clip | 125-3 125-8 | - - | Ø80mm Ø200mm | - - |



Pre-packed kits of standard duct and terminal components are available for the following applications:

Background Ventilators

For use with Intermittent Extract and MEV systems.

Selecting the correct specification of background ventilation is explained in section 5 of Approved Document F of Building Regulations (p19).

Approved Document F can be downloaded from www.polypipe.com/ventilation

General guidance:

Background ventilators should be located to avoid draughts, typically 1.7 m above floor level.

Background ventilators should be located in all rooms with external walls.

- At least 5000mm² total equivalent area of ventilation should be provided in each habitable room and 2500mm² equivalent area in each wet room
- For rooms with no external walls, detailed guidance is given in paragraphs 5.14 to 5.16 of Approved Document F

Cooker Hood Extraction

Cooker hood kits consist of rectangular duct so that they can be concealed when installed above kitchen cabinets.

To determine which cooker hood kit is required, select the kit with the appropriate connection for the appliance exhaust spigot.

Tumble Dryer Extraction

To determine which tumble dryer kit is required, select the kit with the appropriate connection for the appliance exhaust spigot.

Kits are available with different terminal colours. Where kit terminals are available in different colours, the component code is marked with an asterisk (*).

† 2706 (Equivalent area 2857 mm²)
7.1l/s @ 10Pa exhaust air heat pump specific

| KITS | | DOMUS | | |
|-------------------------------|--|--|-------------|---|
| Product Type | Description | Code | | Contents |
| | | Boxed | Retail Pack | |
| Background Ventilators | | | | |
| | Kit - Background Ventilators - Telescopic - Round - Diffuser - Env Filter - ø100mm † | 2404W ○ - 2404B ● - 2404C ● - 2404T ● - | - | 4904* 130-4 4908F |
| | Accessories: Environmental Filter | 40AF | - | |
| | Pollen Filter | 40AFP | - | |
| | Wall Liner Acoustic Treatment | 45LWL | - | |
| | Kit - Background Ventilators - Telescopic - Round - Damper - ø125mm | 508W ○ | - | 5902W P3-0175 P4-0275 114-5 |
| Cooker Hood Extraction | | | | |
| | Kit - Cooker Hood - Cowled - Rectangular - ø100mm Connection | 212W ○ - 212B ● - | - | 4903* 2 x DD010 DD020 DD030 361 115-4 124-4 126-4 |
| | Kit - Cooker Hood - Cowled Rectangular - 90° Bend - ø100mm Connection | 214W ○ - 214B ● - | - | 4903* 2 x DD010 DD020 DD030 361 115-4 124-4 126-4 DD050 |
| | Kit - Cooker Hood - Airbrick - Rectangular - ø125mm Connection | 227W ○ - 227B ● - | - | 501* 2 x 510 520 541 544 561 2 x 115-5* 2 x 126-5 519 |
| | Kit - Cooker Hood - Double Airbrick - Rectangular - 90° Bend - ø150mm Connection | 2653W ○ - 2653B ● - 2653T ● - | - | 905* 977 2 x 910 920 950 961 2 x 126-6 661 |
| | Kit - Cooker Hood - Double Airbrick - Rectangular - 90° Bend - ø150mm Rigid Connection | 2655W ○ | - | 905W 977 2 x BLK910 920 950 961 1100-6 |

| KITS | | DOMUS | | |
|--------------------------------|---|-------------------------------------|-------------|---|
| Product Type | Description | Code | | Contents |
| | | Boxed | Retail Pack | |
| Tumble Dryer Extraction | | | | |
| | Kit - Tumble Dryer - Wall - Cowled - Round - ø100mm Connection | 240W ○ | - | 4902 135-4 114-4 124-4 |
| | Kit - Tumble Dryer - Wall - Cowled - Rectangular - ø100mm Connection | 207W ○ | 40207 | 4903W D1-0400 114-4 126-4 DD071 Retail pack only inc.363 |
| | Kit - Tumble Dryer - Wall - Hose - Cowled - Round - ø100mm Connection | 202W ○ 202B ● | 40202 - | 4902* 361 114-4 2 x 126-4 |
| | Kit - Tumble Dryer - Wall - Hose - Cowled - Round - ø125mm Connection | 202-5W ○ 202-5B ● | - - | 5902* 561 114-5 2 x 126-5 |
| | Kit - Tumble Dryer - Wall - Hose - Cowled - Round - ø150mm Connection | 202-6W ○ 202-6B ● | - - | 6902* 661 114-6 2 x 126-6 |
| | Kit - Tumble Dryer - Wall - Hose - Gravity Flap - Round - ø100mm Connection | - | 40205 ○ | 4900 361 114-4 2 x 126-4 |
| | Kit - Tumble Dryer - Internal Condensing Kit - ø100mm Connection | 2442-2 ○ | - | 2441 362 126-4 |
| High Rise Kits | | | | |
| | Kit - High Rise - Cowl - Round - ø100mm Connection | 2447W ○ - 2447B ● - 2447T ● - | - | For applications in high rise buildings |
| | Kit - High Rise - Cowl - Round - ø150mm Connection | 2647W ○ - 2647B ● - | - | |



To achieve the best possible SAP rating and guarantee air quality in well insulated homes, we recommend our range of Silavent Green Line HRX MVHR appliances. Please refer to page 9 for further details.

ENERGY SAVING DUCT INSULATION SYSTEMS

To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

Application code



Domus Thermal is a unique (patent pending) duct insulation system, designed specifically to comply with 2010 Building Regulations and to radically improve the thermal insulation of ventilation ducting in domestic properties.

What is Domus Thermal?

- A range of EPS insulation components specifically designed to insulate round or rectangular domestic ventilation ducting passing through cold areas.
- A method of significantly reducing heat loss and virtually eliminating the formation of condensation.
- The first engineered duct insulation system available to comply with recent improvements to Building Regulations.
- An installer-friendly solution which can be fitted quickly and reliably without the need for gluing or taping.

Why is it needed?

Changes to Part F 2010 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 K/W**.

Domus Thermal provides:

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

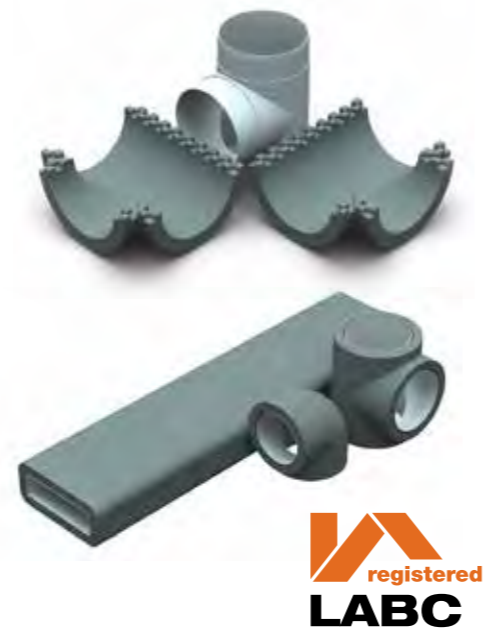
Minimum thermal resistance or R-value = 0.020/0.03 = **0.666 K/W**.

Quicker to install:

Currently, compliant solutions are more labour intensive and require higher skill levels to install. Domus Thermal's simple interlock feature means that the system is quicker and easier to install, as joints do not require taping or sealing. This revolutionary method can significantly reduce installation costs.

Breadth of range

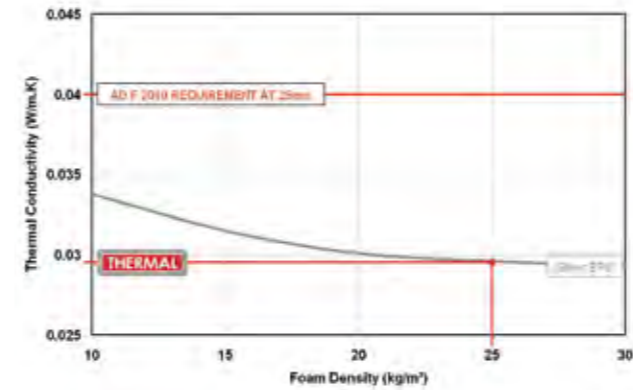
Domus Thermal is available in a range of profiles and fittings to insulate the Domus EasiPipe (round) and Supertube (rectangular) duct systems. To support the system, PVC coated, perforated steel banding is also available for surface mounting or suspending the insulated system.



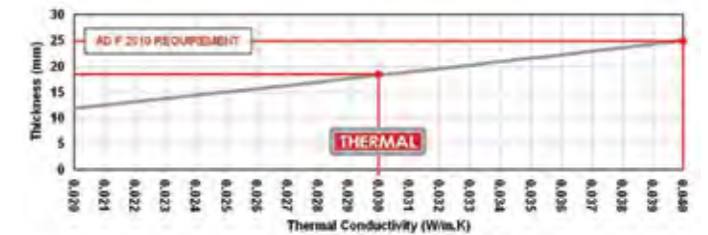
For more information on Domus Thermal, please download a product brochure from www.polypipe.com/ventilation or call **08443 715523** to request a printed copy.

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 addition of specifically engineered carbon particles. This also gives Domus Thermal its distinctive silver colour.



DOMUS THERMAL RANGE



| Product Type | Code | Description | Box Quantity* | Product Type | Code | Description | Box Quantity* |
|---|----------|---|---------------|---|-------|---|---------------|
| Round | | | | Rectangular | | | |
|  | TS1100-4 | Ø100mm Duct Insulation 1m | 8 |  | TS510 | 204x60mm Duct Insulation 1m | 8 |
| | TS1100-5 | Ø125mm Duct Insulation 1m | 8 | | TS550 | 204x60mm Horizontal 90° Bend Duct Insulation | 6 |
| | TS1100-6 | Ø150mm Duct Insulation 1m | 8 |  | TS555 | 204x60mm Horizontal 45° Bend Duct Insulation | 6 |
|  | TS490 | Ø100mm 90° Bend Duct Insulation | 6 |  | TS582 | 204x60mm Horizontal T Piece Duct Insulation | 6 |
| | TS590 | Ø125mm 90° Bend Duct Insulation | 6 | | TS22 | PVC Coated Steel Fastening Strap, 10m Roll, White | As required |
| | TS690 | Ø150mm 90° Bend Duct Insulation | 6 |  | | | |
|  | TS491 | Ø100mm 45° Bend Duct Insulation | 6 | | | | |
| | TS591 | Ø125mm 45° Bend Duct Insulation | 6 | | | | |
| | TS492 | Ø100mm Equal T Piece Duct Insulation | 6 | | | | |
|  | TS592 | Ø125mm Equal T Piece Duct Insulation | 6 | | | | |
| | TS692 | Ø150mm Equal T Piece Duct Insulation | 6 | | | | |
|  | TS22 | PVC Coated Steel Fastening Strap, 10m Roll, White | As required | | | | |

*Two components per fitting required.

Domus Thermal –

- Saves energy
- Prevents condensation
- Complies with 2010 Building Regulations
- Reduces installation time and costs

SEMI RIGID
DUCT SYSTEMS

To ensure the products are appropriate for the intended environment and application, please refer to the application icons at the top of each page.

Application code



The Domus Radial duct system is a revolutionary whole house air distribution system suitable for most property types and a wide variety of applications.

What is Domus Radial?

A clever plug and play system which uses manifold distribution to service up to 12 rooms, with semi-rigid duct running to each individual room. It can be used with either MVHR or MEV options and installed in up to **60% less time** than comparable conventional solutions.

Suitable for use in new build or refurbishment projects and with either a powerful in line fan or MVHR unit, this system ensures a simple, quick and hassle free installation which saves time and money.

The easy push-fit joints and less fixings ensure no air leakage and the single duct run to each room results in significantly less cross talk noise for the homeowner.

What is different about it?

- Simple and quick to install – saves up to 60% on installation time
- Flexible semi-rigid ducting makes the system ideal for larger houses where modern methods of construction may make traditional ducting problematic
- Where joints are required, cutting and joining is quick and easy
- Airtight reliable seals, means no air leakage
- Eliminates room-to-room cross talk
- Easy and quick to commission



Typical Heat Recovery Installation



RADIAL DUCT SYSTEMS

System Solution Packs

MEV Systems

Small MEV System - Properties up to 300m²

| Code | Description | Qty |
|--------|--|-----|
| RDMEVS | Vitalis In line Fan with Timer | 1 |
| | Semi-Rigid Duct, Ø75mm - 25m | 1 |
| | Manifold | 1 |
| | Manifold Outlet, Ø75mm - Supplied with 1 Seal | 3 |
| | Outlet Plenum, Ø125mm - Supplied with 1 Seal and 1 Fixing Clip | 3 |
| | Air Valve, Ø125mm | 3 |
| | Flexible PVC Hose, Ø125mm - 1m | 3 |
| | Flexible Hose Clip, Ø125mm | 6 |
| | Duct Clips, Ø75mm - Pack of 10 | 2 |
| | Insulated Duct, Ø150mm - 1m* | 1 |

*Alternative may be supplied.

MEV Systems

Large MEV System - Properties up to 400m²

| Code | Description | Qty |
|--------|--|-----|
| RDMEVL | Powercube - Adjustable Speed - Humidistat - Timer | 1 |
| | Semi-Rigid Duct, Ø75mm - 50m | 1 |
| | Manifold | 1 |
| | Manifold Outlet, Ø75mm - Supplied with 1 Seal | 8 |
| | Outlet Plenum, Ø125mm - Supplied with 1 Seal and 1 Fixing Clip | 8 |
| | Air Valve, Ø125mm | 8 |
| | Flexible PVC Hose, Ø125mm - 1m | 8 |
| | Flexible Hose Clip, Ø125mm | 16 |
| | Duct Clips, Ø75mm - Pack of 10 | 4 |
| | Insulated Duct, Ø150mm - 1m* | 2 |
| | Insulated 90° Bend, Ø150mm* | 1 |
| | Straight Duct Connector, Ø150mm* | 3 |

*Alternative may be supplied.





RADIAL DUCT SYSTEMS

DOMUS

System Solution Packs

MVHR Systems

Suitable for installation in:

- Small-medium sized properties with a floor area of up to 200m²

HRX MVHR System Packs

| Code | Description | Qty |
|----------|--|-----|
| RDK-HRXS | HRX Standard MVHR Appliance | 1 |
| | Semi-Rigid Duct, Ø75mm - 50m | 2 |
| | Manifold | 2 |
| | Manifold Outlet, Ø75mm - Supplied with 1 Seal | 10 |
| | Outlet Plenum, Ø125mm - Supplied with 1 Seal and 1 Fixing Clip | 10 |
| | Air Valve, Ø125mm | 10 |
| | Flexible PVC Hose, Ø125mm - 1m | 10 |
| | Flexible Hose Clip, Ø125mm | 20 |
| | Insulated Duct, Ø125mm - 1m | 8 |
| | Insulated 90° Bend, Ø125mm | 6 |
| | Straight Duct Connector, Ø125mm | 8 |
| | Circular Reducer, Ø150mm - Ø125mm | 2 |
| | Duct Clips, Ø75mm - Pack of 10 | 8 |
| | Domus Rigid Ducting Sealant, 310ml | 1 |
| RDK-HRXB | HRX with Summer Bypass MVHR Appliance | 1 |
| | Semi-Rigid Duct, Ø75mm - 50m | 2 |
| | Manifold | 2 |
| | Manifold Outlet, Ø75mm - Supplied with 1 Seal | 10 |
| | Outlet Plenum, Ø125mm - Supplied with 1 Seal and 1 Fixing Clip | 10 |
| | Air Valve, Ø125mm | 10 |
| | Flexible PVC Hose, Ø125mm - 1m | 10 |
| | Flexible Hose Clip, Ø125mm | 20 |
| | Insulated Duct, Ø125mm - 1m | 8 |
| | Insulated 90° Bend, Ø125mm | 6 |
| | Straight Duct Connector, Ø125mm | 8 |
| | Circular Reducer, Ø150mm - Ø125mm | 2 |
| | Duct Clips, Ø75mm - Pack of 10 | 8 |
| | Domus Rigid Ducting Sealant, 310ml | 1 |

System Expansion Packs

| Code | Description | Qty |
|-------|----------------------------------|-----|
| RDSE1 | Semi-Rigid Duct, Ø75mm - 50m | 1 |
| | Duct Clips, Ø75mm - Pack of 10 | 5 |
| | Insulated Duct, Ø150mm - 1m* | 2 |
| | Insulated 90° Bend, Ø150mm* | 3 |
| RDSE2 | Straight Duct Connector, Ø150mm* | 2 |
| | Semi-Rigid Duct, Ø75mm - 50m | 1 |
| | Duct Clips, Ø75mm - Pack of 10 | 5 |
| | Insulated Duct, Ø125mm - 1m | 2 |
| | Insulated 90° Bend, Ø125mm | 3 |
| | Straight Duct Connector, Ø125mm | 2 |

*Alternative may be supplied.

Room Expansion Pack

| Code | Description | Qty |
|-------|--|-----|
| RDRE1 | Manifold Outlet - Supplied with 1 Seal | 1 |
| | Outlet Plenum, Ø125mm - Supplied with 1 Seal and 1 Fixing Clip | 1 |
| | Air Valve, Ø125mm | 1 |
| | Flexible PVC Hose, Ø125mm - 1m | 1 |
| | Flexible Hose Clip, Ø125mm | 2 |

FireBrake Intumescent Duct Connector Pack

| Code | Description | Qty |
|--------|--|-----|
| RDD488 | Easipipe Round Duct, Ø100mm - 200mm | 2 |
| | FireBrake Intumescent Duct Connector, Ø100mm | 1 |
| | Straight Duct Connector, Ø100mm | 2 |
| | Circular Adapter, Ø100mm - Ø80mm | 1 |
| | Seals for Ø75mm Duct | 2 |
| | Domus Rigid Ducting Sealant, 310ml | 1 |
| | FireBrake Acoustic Intumescent Mastic, 310ml | 1 |

Silavent Green Line HRX MVHR appliances...



...Superior performance combined with simple installation and operation

- Provide continuous balanced ventilation
- Reduce energy usage
- Compact and extremely lightweight
- Easier and quicker to install, commission and maintain
- Exceed 2010 Building Regulations
- SAP Appendix Q listed



Polypipe

RADIAL DUCT SYSTEMS

DOMUS

Spare Parts and Accessories List

| | Code | Description |
|--|--------------------|--|
| | RDD75(25) RDD75 | Semi-Rigid Duct, Ø75mm - 25m Semi-Rigid Duct, Ø75mm - 50m |
| | RDS75 | Seals for Ø75mm Duct - Pack of 10 |
| | RDC75 | Duct Connector, Ø75mm |
| | RDD7590 | 90° Bend, Ø75mm - Supplied with 2 Seals |
| | RDM1 | Manifold |
| | RDM01 | Manifold Outlet, Ø75mm - Supplied with 1 Seal |
| | RDOP(125) RDOP | Outlet Plenum, Ø125mm Outlet Plenum, Ø150mm - Both Items Supplied with 1 Seal and 1 Fixing Clip |
| | RDD125 | Insulated Duct, Ø125mm - 1m (Includes 1100-5 - Ø125mm Duct & TS1100-5 Duct Insulation) |
| | RDD12590 | Insulated 90° Bend, Ø125mm (Includes 590 - Ø125mm 90° Bend & TS590 - Ø125mm 90° Bend Duct Insulation) |
| | RDD150 | Insulated Duct, Ø150mm - 1m* |
| | RDD15090 | Insulated 90° Bend, Ø150mm* |
| | 50593 | Straight Duct Connector, Ø125mm |
| | RDC150 | Straight Duct Connector, Ø150mm |
| | 50118 | Circular Reducer, Ø150mm - Ø125mm |
| | DDSEAL | Domus Rigid Ducting Sealant, 310ml |
| | RDCLIP75 | Duct Clips, Ø75mm - Pack of 10 |

*Alternative may be supplied.

Fans and MVHR Appliances

| | Code | Description |
|--|----------------|--|
| | VIT150TB | Vitalis Fan with Timer |
| | PWC750REG | Powercube Adjustable Speed, Humidistat and Timer |
| | HRX-S HRX-B | HRX MVHR Appliance HRX MVHR Appliance with Bypass |

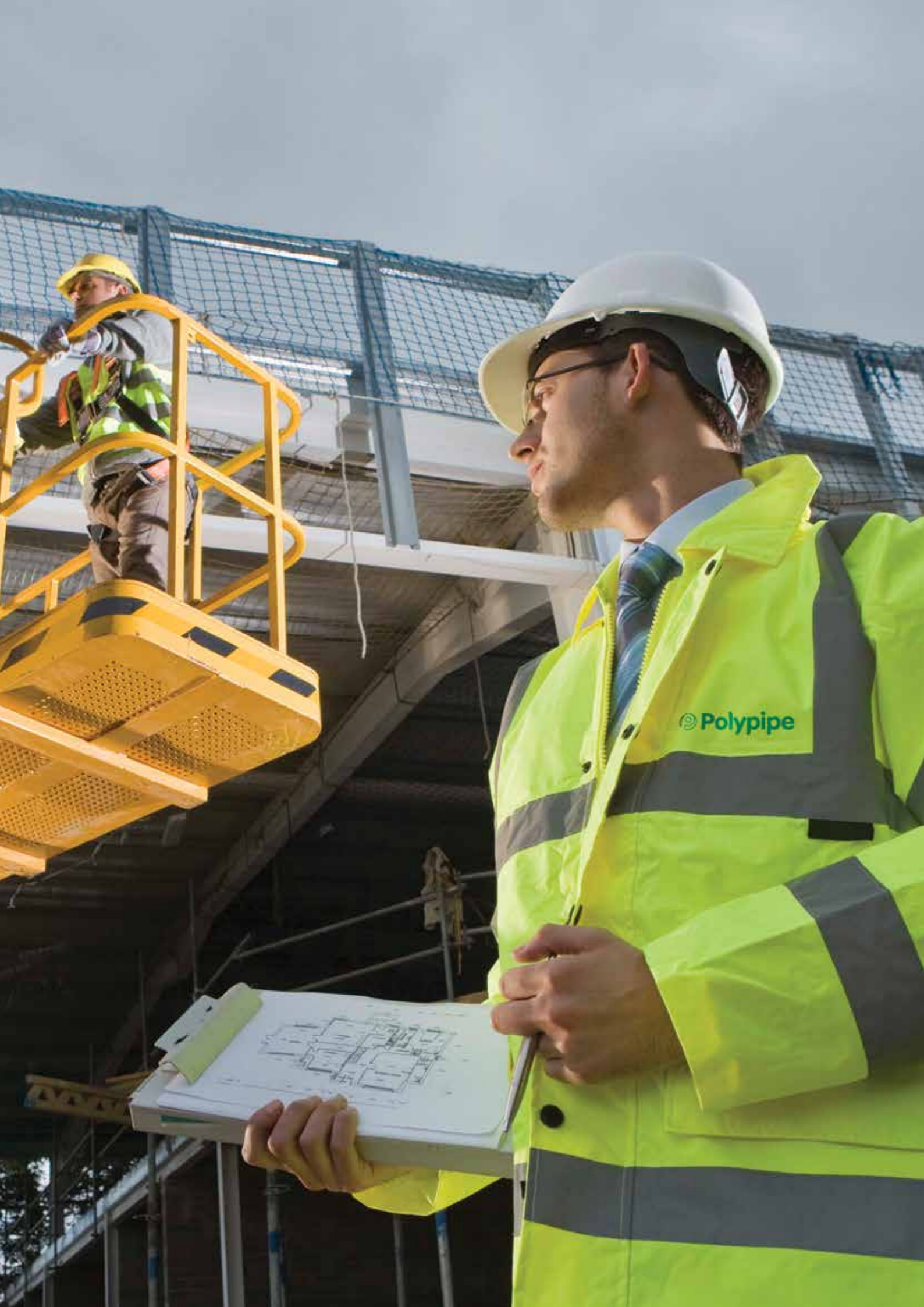
External Termination

| | Code | Description |
|--|------|---|
| | 4411 | Roof Cowl |
| | 905W | Double Airbrick (other colours available) |
| | 954 | Double Duct Adapter Straight - Rectangular - Round |

Room Termination

| | Code | Description |
|--|-------|----------------------------|
| | 50136 | Air Valve, Ø125mm |
| | 50561 | Flexible PVC Hose, Ø125mm |
| | 50125 | Flexible Hose Clip, Ø125mm |





SUPPORT SERVICES

To help our customers meet the stringent requirements of Parts F and L of the Building Regulations, as well as to achieve the higher levels of the Code for Sustainable Homes through improved SAP ratings, Polypipe Ventilation offers a wide range of support services:

Specification On-line Planner **Page 87**

Also visit www.polypipevsp.com

Installer Loyalty Programme **Page 89**

Also visit www.polypipe.com/installerloyalty

Domestic Ventilation Training **Page 90**

bpec accredited training to 2010 Building Regulations

Customer Technical Support

Technical support to suit every customer application*. Polypipe Ventilation are committed in providing the highest level of technical support to our customers, from a hotline for customer queries, bespoke CAD drawings of ventilation systems, through to offering on-site assistance by one of our Technical Support Engineers.

**For technical assistance
please call our customer hotline
UK: 08443 715523**

International: +44 (0) 1302 348878

*Charges may apply.



i Approved Document B of the Building Regulations states that when a compartment wall is penetrated an approved fire-stopping device should be installed. Polypipe's FireBrake is available for all Domus duct systems and helps prevent the spread of fire through your ventilation system.



VENTILATION SPECIFICATION ON-LINE PLANNER

To simplify central ventilation system specification, Polypipe Ventilation's on-line planner enables customers to easily select a duct system and appliance based on their household requirements.

With increasingly stringent Building Regulations and energy efficiency targets, our on-line planner takes away any confusion or uncertainty in specifying domestic ventilation.

How it works

Step 1 **1**

Select your ventilation technology

Step 2 **2**

Tell us about your property

Step 3 **3**

A Polypipe duct system is recommended and will include the most suitable duct, fittings and - where selected - a Polypipe appliance specific to your property.

Our ventilation duct systems and appliances are available to order from our national network of distribution partners: to locate your nearest distributor please call 08443 715523.

What is SAP Appendix Q?

SAP is the Government Standard Assessment Procedure for the energy rating of dwellings.

SAP Appendix Q enables the performance of new technologies such as MVHR to be used in SAP calculations. The EST set the standards of performance.

Polypipe HRX MVHR appliances are all SAP Appendix Q listed (and Energy Saving Trust compliant up to kitchen and five wet rooms).

Visit www.polypipevsp.com to start the specification process and let our planner do all the work for you.



**RECEIVE REWARDS FOR EVERY FAN,
HEAT RECOVERY AND RADIAL DUCT PACK PURCHASE!**

It's simple – the more you spend the more you earn to spend in Argos and Homebase stores



**JOIN OUR LOYALTY PROGRAMME & START CLAIMING
YOUR REWARDS TODAY!**

How does it work?

Earn points for all Polypipe Ventilation fan, heat recovery and radial duct pack purchases* and receive in return money to spend on an Argos loyalty card, available to be used at Argos and Homebase stores across the UK. **Register today to join and receive your loyalty card.**

*Conditions apply; please see list of applicable products on the right handside of this page.

How can I redeem my points?

Either return your invoices once a month** via our freepost address or if available, simply text or email the serial number/s of your purchased product/s at your leisure.

If the product has a serial number, it will usually be located on the underside of the cover plate covering the mains input supply or under the motor.

Depending on what fan or heat recovery unit you have purchased, points are accrued and allocated to your account. The value you have earned is then uploaded by Argos onto your own personal loyalty card† – ready for you to spend!

†On or around the 2nd of every month, a minimum of £5 must be accrued before the upload is made

3 simple steps to claim your points!

@ Email the invoice or serial number to:
vent.marketing@polypipe.com

☎ Text the serial number to:
07860 021 384

✉ Return invoices via our freepost address once a month** to:
Freepost RSSC-GTLA-GUJT
Polypipe Ltd
Sandall Stones Road
Kirk Sandall Industrial Estate
Doncaster
DN3 1QR

**Please post by the 24th of each month

To enquire on the balance of your card, please call Argos on **0845 6400884**.



To download or submit a registration form, please visit www.polypipe.com/installerloyalty or email vent.marketing@polypipe.com to request a copy.

Loyalty points allocation

Products which can earn you points:

1 point = £0.20p

| Product Range | Points available to be earned | Value available to be earned |
|--------------------------------------|-------------------------------|------------------------------|
| Intermittent Extract Fans | | |
| Axial Fans: | | |
| Green Line Models | 2 | £0.40 |
| All Other Axial Models | 1 | £0.20 |
| Centrifugal Fans: | | |
| Green Line Models | 5 | £1.00 |
| All Other Centrifugal Models | 4 | £0.80 |
| In-line Fans: | | |
| Green Line Models | 3 | £0.60 |
| All Other In-line Models | 2 | £0.40 |
| Acoustic Attenuation Products | | |
| Freshflo | 4 | £0.80 |
| MEV Appliances | | |
| Triplevent | 10 | £2.00 |
| Quadvent | 10 | £2.00 |
| Powercube | 10 | £2.00 |
| MVHR Appliances | | |
| HRX Appliance | 20 | £4.00 |
| WHS100 | 3 | £0.60 |
| Energex | 3 | £0.60 |
| Radial Duct Packs | | |
| MEV Small Radial System | 20 | £4.00 |
| MEV Large Radial System | 50 | £10.00 |
| MVHR Radial System | 50 | £10.00 |
| Expansion Packs | 1 | £0.20 |

What else can Polypipe Ventilation offer you?

By being a part of our loyalty programme, you will also be entitled to an array of product information, including a bi-monthly e-newsletter, detailing our latest news, products, support services and helpful technical tips - making installing ventilation much simpler.

To discover more about Polypipe Ventilation's wide range of energy saving ventilation systems or support services please call **08443 715523** or visit www.polypipe.com/ventilation



Argos HOMEbase

VENTILATION INSTALLER TRAINING

ACCREDITED BY **bpec**



Become a BPEC Certified Ventilation Installer

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

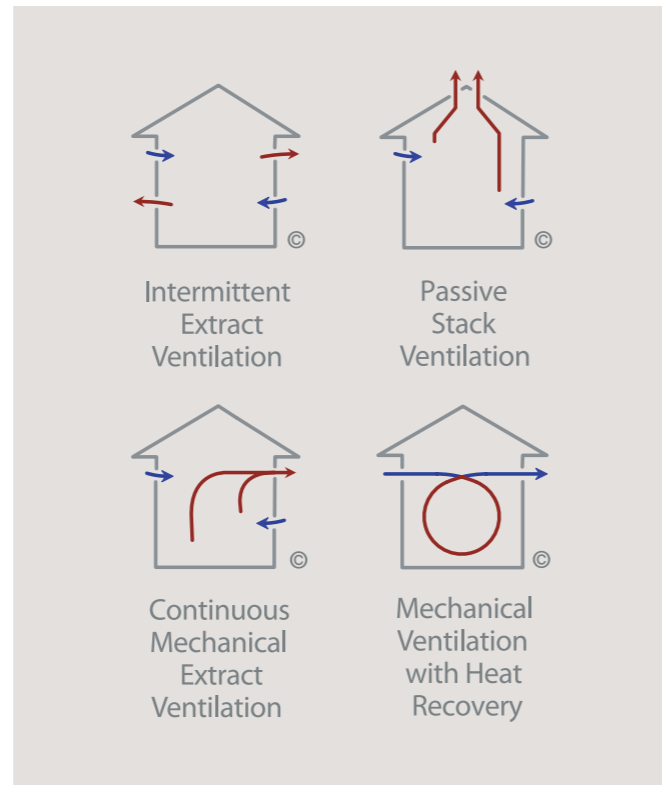
Why should you be qualified now?

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, Polypipe 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.



Who is the course applicable to?

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

What are the 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

CM01 COMMISSIONING METER

CM01 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 inspection of all types of ventilation system performance, 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 08443 715523

What is covered?

The syllabus covers the majority of existing types of domestic ventilation systems that an installer in the UK is likely to come across. The course emphasises the most common systems and configurations that most tradespeople are likely to encounter. Less common systems are also covered, but to a lesser extent.

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 the following background:

- 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 open 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

Training centres

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

- Polypipe's Centre of Excellence, Aylesford, Kent
- Polypipe Training Facilities, Neale Road, Doncaster



Polypipe's Centre of Excellence, Aylesford, Kent

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 manual
- All necessary training materials
- Cold buffet lunch and refreshments both days
- Qualification and van stickers upon successful completion



Payment

Courses can be purchased over the counter at Polypipe Ventilation distributors or directly.

To book through a distributor, please place an order for code DVT2010. The distributor will then supply a voucher with a unique code which can be redeemed within three months by making a booking on the number below.

To book direct, please call Polypipe Ventilation on **08443 715523** or visit www.polypipe.com/installertraining



Did you know that the Silavent range includes energy efficient fans? See page 17 or call **08443 715523**.

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.

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.

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 | |

cMEV - Centralised Mechanical Extract Ventilation (see MEV).

CSH - The Code for Sustainable Homes (the Code) 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 - De-centralised Mechanical Extract Ventilation (see MEV).

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

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 which can be downloaded from www.polypipeventilation.com

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 dwellings 'wet rooms' and provide rapid extraction of moisture and other pollutants. They operate intermittently under either occupant or automatic control.

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.

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%

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).

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 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.

| Product Code | Product Group | Page |
|--------------|---------------|----------------------------|
| 118 | VT03 | 73 |
| 119 | VT03 | 73 |
| 120 | VT03 | 73 |
| 123 | VT03 | 46, 49, 52, 55, 59, 65, 70 |
| 297 | VT05 | 11 |
| 333 | VT06 | 41 |
| 361 | VT06 | 59 |
| 363 | VT06 | 59 |
| 366 | VT06 | 59 |
| 380 | VT03 | 59 |
| 381 | VT02 | 42 |
| 440 | VT02 | 74 |
| 441 | VT02 | 74 |
| 488 | VT16 | 59 |
| 490 | VT03 | 57 |
| 491 | VT03 | 57 |
| 492 | VT03 | 57 |
| 493 | VT03 | 57 |
| 494 | VT03 | 57 |
| 495 | VT03 | 57 |
| 496 | VT03 | 58 |
| 497 | VT03 | 58, 75 |
| 499 | VT03 | 57 |
| 510 | VT02 | 44 |
| 515 | VT02 | 44 |
| 518 | VT02 | 44 |
| 519 | VT03 | 73 |
| 520 | VT02 | 44 |
| 522 | VT02 | 45 |
| 527 | VT02 | 44 |
| 533 | VT06 | 46 |
| 540 | VT02 | 46, 74 |
| 541 | VT02 | 74 |
| 544 | VT02 | 73 |
| 545 | VT02 | 44 |
| 550 | VT02 | 44 |
| 555 | VT02 | 44 |
| 560 | VT02 | 44 |
| 561 | VT06 | 65 |
| 563 | VT06 | 65 |
| 566 | VT06 | 65 |
| 570 | VT02 | 73 |
| 575 | VT02 | 44 |
| 580 | VT03 | 65 |
| 581 | VT02 | 46 |
| 582 | VT02 | 44 |
| 587 | VT16 | 45 |
| 588 | VT16 | 65 |
| 590 | VT03 | 63 |
| 591 | VT03 | 63 |
| 592 | VT03 | 63 |
| 593 | VT03 | 63 |
| 594 | VT03 | 63 |
| 595 | VT03 | 63 |
| 596 | VT03 | 64 |
| 619 | VT03 | 73 |
| 620 | VT03 | 73 |
| 640 | VT02 | 74 |
| 641 | VT02 | 74 |
| 644 | VT02 | 73 |
| 661 | VT06 | 70 |
| 663 | VT06 | 70 |
| 666 | VT06 | 70 |
| 680 | VT03 | 70 |
| 688 | VT16 | 70 |
| 690 | VT03 | 68 |
| 691 | VT03 | 68 |
| 693 | VT03 | 68 |
| 694 | VT03 | 68 |
| 695 | VT03 | 68 |
| 696 | VT03 | 69 |
| 793 | VT01 | 75 |
| 796 | VT01 | 75 |
| 819 | VT03 | 73 |
| 893 | VT01 | 75 |
| 896 | VT01 | 75 |
| 910 | VT18 | 48 |
| 915 | VT18 | 48 |
| 920 | VT18 | 48 |
| 922 | VT18 | 49 |
| 927 | VT18 | 48 |
| 933 | VT18 | 50 |
| 941 | VT18 | 74 |
| 950 | VT18 | 48 |
| 951 | VT18 | 74 |
| 954 | VT02 | 73, 83 |
| 955 | VT18 | 48 |

| Product Code | Product Group | Page |
|--------------|---------------|--------------------------------|
| 957 | VT18 | 47, 74 |
| 958 | VT18 | 74 |
| 960 | VT18 | 48 |
| 961 | VT18 | 50, 74 |
| 970 | VT18 | 73 |
| 975 | VT18 | 48 |
| 977 | VT18 | 47, 50, 74 |
| 982 | VT18 | 48 |
| 987 | VT16 | 49 |
| 2005 | VT08 | 73 |
| 2006 | VT08 | 51 |
| 2007 | VT08 | 51 |
| 2008 | VT08 | 51 |
| 2010 | VT08 | 51 |
| 2011 | VT08 | 51 |
| 2013 | VT08 | 52, 74 |
| 2014 | VT08 | 51, 54 |
| 2016 | VT08 | 53, 74 |
| 2087 | VT16 | 52 |
| 2332 | VT08 | 74 |
| 3005 | VT08 | 73 |
| 3006 | VT08 | 54 |
| 3007 | VT08 | 54 |
| 3008 | VT08 | 54 |
| 3010 | VT08 | 54 |
| 3011 | VT08 | 54 |
| 3013 | VT08 | 56, 74 |
| 3015 | VT08 | 54 |
| 3016 | VT08 | 56, 74 |
| 3087 | VT16 | 55 |
| 3305 | VT06 | 41 |
| 3615 | VT06 | 59 |
| 3645 | VT06 | 59 |
| 4210 | VT06 | 59 |
| 4411 | VT01 | 62, 67, 72, 83 |
| 4457 | VT03 | 75 |
| 5210 | VT06 | 65 |
| 5305 | VT06 | 46 |
| 5615 | VT06 | 65 |
| 5697 | VT03 | 64, 69 |
| 6210 | VT06 | 70 |
| 6615 | VT06 | 70 |
| 9305 | VT18 | 50 |
| 20150 | VT08 | 51 |
| 20200 | VT08 | 51 |
| 30150 | VT08 | 54 |
| 30200 | VT08 | 54 |
| 40010 | VT02 | 40 |
| 40020 | VT02 | 40 |
| 40030 | VT02 | 74 |
| 40040 | VT02 | 74 |
| 40050 | VT02 | 40 |
| 40055 | VT02 | 40 |
| 40060 | VT02 | 40 |
| 40070 | VT02 | 73 |
| 40071 | VT02 | 73 |
| 40075 | VT02 | 40 |
| 40077 | VT02 | 43, 74 |
| 40080 | VT02 | 40 |
| 40114 | VT03 | 57 |
| 40115 | VT02 | 40 |
| 40119 | VT03 | 73 |
| 40120 | VT03 | 73 |
| 40122 | VT02 | 41 |
| 40123 | VT03 | 41, 46, 49, 52, 55, 59, 65, 70 |
| 40124 | VT03 | 59 |
| 40125 | VT03 | 60 |
| 40126 | VT03 | 59 |
| 40127 | VT03 | 60 |
| 40135 | VT03 | 57 |
| 40136 | VT01 | 42, 52, 56, 60 |
| 40202 | VT05 | 77 |
| 40205 | VT05 | 77 |
| 40207 | VT05 | 77 |
| 40335 | VT06 | 41 |
| 40361 | VT06 | 59 |
| 40363 | VT06 | 59 |
| 40490 | VT03 | 57 |
| 40491 | VT03 | 57 |
| 40492 | VT03 | 57 |
| 40493 | VT03 | 57 |
| 40494 | VT02 | 57 |
| 40496 | VT03 | 58 |
| 40497 | VT03 | 58 |
| 40793 | VT01 | 75 |
| 40796 | VT01 | 75 |
| 40893 | VT01 | 75 |

| Product Code | Product Group | Page |
|--------------|---------------|--------------------------------|
| 40896 | VT01 | 75 |
| 41100 | VT03 | 57 |
| 50118 | VT03 | 73, 83 |
| 50125 | VT03 | 66, 83 |
| 50126 | VT03 | 65 |
| 50127 | VT03 | 66 |
| 50135 | VT03 | 63 |
| 50136 | VT01 | 46, 66, 83 |
| 50510 | VT02 | 44 |
| 50520 | VT02 | 44 |
| 50522 | VT02 | 45 |
| 50541 | VT02 | 74 |
| 50550 | VT02 | 44 |
| 50555 | VT02 | 44 |
| 50560 | VT02 | 44 |
| 50561 | VT06 | 65, 83 |
| 50563 | VT06 | 65 |
| 50570 | VT02 | 73 |
| 50575 | VT02 | 44 |
| 50582 | VT02 | 44 |
| 50590 | VT03 | 63 |
| 50591 | VT03 | 63 |
| 50592 | VT03 | 63 |
| 50593 | VT03 | 63, 83 |
| 50594 | VT03 | 63 |
| 50596 | VT03 | 64 |
| 51100 | VT03 | 63 |
| 403203 | VT06 | 60 |
| 403215 | VT06 | 60 |
| 403230 | VT06 | 60 |
| 503203 | VT06 | 66 |
| 503215 | VT06 | 66 |
| 503230 | VT06 | 66 |
| 603203 | VT06 | 71 |
| 603215 | VT06 | 71 |
| 603230 | VT06 | 71 |
| 101P12 | VT03 | 41, 45, 49, 51, 55, 58, 64, 69 |
| 1100-4 | VT03 | 57 |
| 1100-5 | VT03 | 63 |
| 1100-6 | VT03 | 68 |
| 114-4 | VT03 | 57 |
| 114-5 | VT03 | 63 |
| 114-6 | VT03 | 68 |
| 115-4 | VT02 | 40 |
| 115-5B | VT02 | 44 |
| 115-5C | VT02 | 44 |
| 115-5T | VT02 | 44 |
| 115-5W | VT02 | 44 |
| 115-6 | VT18 | 48 |
| 1200-4 | VT03 | 57 |
| 1200-5 | VT03 | 63 |
| 1200-6 | VT03 | 68 |
| 122-4 | VT02 | 41 |
| 123-4 | VT03 | 41, 46, 49, 52, 55, 59, 65, 70 |
| 124-4 | VT03 | 59 |
| 125-3 | VT03 | 75 |
| 125-4 | VT03 | 60 |
| 125-5 | VT03 | 66 |
| 125-6 | VT03 | 71 |
| 125-8 | VT03 | 75 |
| 125-UNI | VT03 | 60, 66, 71 |
| 126-110 | VT03 | 75 |
| 126-4 | VT03 | 59 |
| 126-5 | VT03 | 65 |
| 126-6 | VT03 | 70 |
| 127-4 | VT03 | 60 |
| 127-5 | VT03 | 66 |
| 127-6 | VT03 | 71 |
| 130-4 | VT03 | 57 |
| 130-5 | VT03 | 63 |
| 130-6 | VT03 | 68 |
| 135-4 | VT03 | 57 |
| 135-5 | VT03 | 63 |
| 135-6 | VT03 | 68 |
| 136-04 | VT01 | 42, 52, 56, 60 |
| 136-05 | VT01 | 46, 66 |
| 136-06 | VT01 | 50, 71 |
| 136-24 | VT01 | 42, 52, 56, 60 |
| 136-25 | VT01 | 46, 66 |
| 136-26 | VT01 | 50, 71 |
| 136FR-24M | VT01 | 42, 52, 56, 60 |
| 136FR-25M | VT01 | 46, 66 |
| 136FR-26M | VT01 | 50, 71 |
| 148A | VT01 | 75 |
| 15K | VT04 | 22, 23, 24 |
| 15W | VT04 | 23 |
| 1K | VT04 | 18, 19, 20, 21, 29 |

| Product Code | Product Group | Page |
|--------------|---------------|--------------------|
| 1W | VT04 | 20 |
| 202-5B | VT05 | 77 |
| 202-5W | VT05 | 77 |
| 202-6B | VT05 | 77 |
| 202-6W | VT05 | 77 |
| 202B | VT05 | 77 |
| 202W | VT05 | 77 |
| 207W | VT05 | 77 |
| 20C89 | VT17 | 75 |
| 2100-4 | VT03 | 57 |
| 2100-5 | VT03 | 63 |
| 2100-6 | VT03 | 68 |
| 212B | VT05 | 76 |
| 212W | VT05 | 76 |
| 214B | VT05 | 76 |
| 214W | VT05 | 76 |
| 227B | VT05 | 76 |
| 227W | VT05 | 76 |
| 2316B | VT08 | 53, 56 |
| 2316BK | VT08 | 53, 56 |
| 2316C | VT08 | 53, 56 |
| 2316G | VT08 | 53, 56 |
| 2316T | VT08 | 53, 56 |
| 2316W | VT08 | 53, 56 |
| 2404B | VT05 | 76 |
| 2404C | VT05 | 76 |
| 2404T | VT05 | 76 |
| 2404W | VT05 | 76 |
| 240W | VT05 | 77 |
| 2442-2 | VT05 | 77 |
| 2447B | VT05 | 77 |
| 2447T | VT05 | 77 |
| 2447W | VT05 | 77 |
| 25C89 | VT17 | 75 |
| 2647B | VT05 | 77 |
| 2647W | VT05 | 77 |
| 2653B | VT18 | 76 |
| 2653T | VT18 | 76 |
| 2653W | VT18 | 76 |
| 2655W | VT05 | 76 |
| 40AF | VT03 | 42, 53, 56, 60, 76 |
| 40AFP | VT03 | 42, 53, 56, 60, 76 |
| 4110B | VT01 | 75 |
| 4110G | VT01 | 75 |
| 4110W | VT01 | 75 |
| 44804B | VT01 | 62 |
| 44804W | VT01 | 62 |
| 44900BK | VT01 | 61 |
| 44902BK | VT01 | 61 |
| 44904BK | VT01 | 61 |
| 44910B | VT01 | 43, 61 |
| 44910T | VT01 | 43, 61 |
| 44910W | VT01 | 43, 61 |
| 44932B | VT01 | 43, 61 |
| 44932W | VT01 | 43, 61 |
| 44954B | VT01 | 43, 61 |
| 44954W | VT01 | 43, 61 |
| 4804B | VT01 | 62 |
| 4804W | VT01 | 62 |
| 4900B | VT01 | 61 |
| 4900C | VT01 | 61 |
| 4900T | VT01 | 61 |
| 4900W | VT01 | 61 |
| 4901B | VT01 | 43 |
| 4901C | VT01 | 43 |
| 4901T | VT01 | 43 |
| 4901W | VT01 | 43 |
| 4902B | VT01 | 61 |
| 4902C | VT01 | 61 |
| 4902T | VT01 | 61 |
| 4902W | VT01 | 61 |
| 4903B | VT01 | 43 |
| 4903W | VT01 | 43 |
| 4904B | VT01 | 61 |
| 4904C | VT01 | 61 |
| 4904T | VT01 | 61 |
| 4904W | VT01 | 61 |
| 4905B | VT01 | 43 |
| 4905C | VT01 | 43 |
| 4905T | VT01 | 43 |
| 4905W | VT01 | 43 |
| 4907CH | VT01 | 42, 53, 56, 60 |
| 4907W | VT01 | 42, 53, 56, 60 |
| 4908F | VT01 | 42, 53, 56, 60 |
| 4SLWL | VT05 | 76 |
| 501B | VT01 | 43, 47 |

| Product Code | Product Group | Page |
|--------------|---------------|--------------------------------|
| 501C | VT01 | 43, 47 |
| 501T | VT01 | 43, 47 |
| 501W | VT01 | 43, 47 |
| 505B | VT01 | 43, 47 |
| 505BK | VT01 | 43, 47 |
| 505C | VT01 | 43, 47 |
| 505T | VT01 | 43, 47 |
| 505W | VT01 | 43, 47 |
| 508W | VT05 | 76 |
| 50TP45 | VT03 | 41, 46, 49, 52, 55, 58, 65, 70 |
| 55015B | VT01 | 43 |
| 55015W | VT01 | 43 |
| 55900B | VT01 | 67 |
| 55900W | VT01 | 67 |
| 55902B | VT01 | 67 |
| 55902W | VT01 | 67 |
| 55904B | VT01 | 67 |
| 55904W | VT01 | 67 |
| 55907W | VT01 | 46, 66 |
| 5900B | VT01 | 67 |
| 5900C | VT01 | 67 |
| 5900T | VT01 | 67 |
| 5900W | VT01 | 67 |
| 5902B | VT01 | 67 |
| 5902C | VT01 | 67 |
| 5902T | VT01 | 67 |
| 5902W | VT01 | 67 |
| 5904B | VT01 | 67 |
| 5904C | VT01 | 67 |
| 5904T | VT01 | 67 |
| 5904W | VT01 | 67 |
| 5907W | VT01 | 46, 66 |
| 599M | VT03 | 63 |
| 5B303 | VT02 | 44 |
| 5SL05M | VT02 | 45 |
| 5SL10M | VT02 | 45 |
| 5SL15M | VT02 | 45 |
| 6900B | VT01 | 72 |
| 6900C | VT01 | 72 |
| 6900T | VT01 | 72 |
| 6900W | VT01 | 72 |
| 6902B | VT01 | 72 |
| 6902C | VT01 | 72 |
| 6902T | VT01 | 72 |
| 6902W | VT01 | 72 |
| 6904B | VT01 | 72 |
| 6904C | VT01 | 72 |
| 6904T | VT01 | 72 |
| 6904W | VT01 | 72 |
| 6907W | VT01 | 50, 71 |
| 692M | VT03 | 68 |
| 699M | VT03 | 68 |
| 905B | VT01 | 47, 50 |
| 905C | VT01 | 47, 50 |
| 905T | VT01 | 47, 50 |
| 905W | VT01 | 47, 50, 83 |
| 9SL10 | VT18 | 49 |
| ANC108A | SV25 | 11, 14, 15, 36 |
| ANC802A | SV27 | 11, 14, 15, 36 |
| ANC808A | SV27 | 11, 14, 15, 36 |
| ANC812A | SV27 | 36 |
| ANC813A | SV27 | 11, 14, 15, 36 |
| ANC846A | SV25 | 11, 14, 15, 36 |
| CM01 | VT12 | 90 |
| CUR501A | SV27 | 25, 26 |
| CUR7001B | SV21 | 26 |
| CUR7001BLW | SV21 | 25 |
| CUR7002B | SV21 | 26 |
| CUR7002BLW | SV21 | 25 |
| CUR7003B | SV21 | 26 |
| CUR7003BLW | SV21 | 25 |
| CUR7004B | SV21 | 26 |
| CUR7005B | SV21 | 26 |
| CUR9003LV | SV21 | 26 |
| CUR9004LV | SV21 | 26 |
| D1-2000 | VT02 | 40 |
| D3-2000 | VT02 | 44 |
| D4-2000 | VT18 | 48 |
| DD010 | VT02 | 40 |
| DD015 | VT02 | 40 |
| DD018 | VT02 | 40 |
| DD019 | VT03 | 73 |
| DD020 | VT02 | 40 |
| DD027 | VT02 | 40 |
| DD030 | VT02 | 74 |
| DD040 | VT02 | 42, 74 |

| Product Code | Product Group | Page |
|----------------|---------------|------------------------------------|
| DD050 | VT02 | 40 |
| DD055 | VT02 | 40 |
| DD060 | VT02 | 40 |
| DD070 | VT02 | 73 |
| DD071 | VT02 | 73 |
| DD073 | VT02 | 73 |
| DD075 | VT02 | 40 |
| DD077 | VT02 | 43, 74 |
| DD080 | VT02 | 40 |
| DDSEAL | VT02 | 41, 46, 49, 52, 55, 59, 65, 70, 83 |
| DF087 | VT16 | 41 |
| DVF801D | SV22 | 30 |
| DVF801ET | SV22 | 30 |
| DVF802D | SV22 | 30 |
| DVF802ET | SV22 | 30 |
| DVF811D | SV22 | 34 |
| DVF811ET | SV22 | 34 |
| DVF812D | SV22 | 34 |
| DVF812ET | SV22 | 34 |
| DVF821ET | SV22 | 31 |
| DVF822ET | SV22 | 31 |
| DVF831ET | SV22 | 33 |
| DVF832ET | SV22 | 33 |
| DVT2010 | VT20 | 91 |
| ELE150R | SV21 | 11 |
| ENX100 | SV21 | 12 |
| ENX10025C | SV23 | 12 |
| ENX10025CP | SV23 | 12 |
| ENX10025HB | SV23 | 12 |
| ENX10025HTP | SV23 | 12 |
| ENX10025P | SV23 | 12 |
| ENX100CFK | SV23 | 12 |
| ENX100HTP | SV21 | 12 |
| ENX100LV | SV29 | 12 |
| ENX100LVHT | SV21 | 12 |
| ENX100LVT | SV21 | 12 |
| ENX100P | SV21 | 12 |
| ENX100T | SV21 | 12 |
| ENX100WFK | SV23 | 12 |
| ENX100WFK1 | SV23 | 12 |
| ENX100WFKK | SV23 | 12 |
| F44804B | VT01 | 62 |
| F44804W | VT01 | 62 |
| F4804B | VT01 | 62 |
| F4804C | VT01 | 62 |
| F4804T | VT01 | 62 |
| F4804W | VT01 | 62 |
| F4904B | VT01 | 61 |
| F4904C | VT01 | 61 |
| F4904T | VT01 | 61 |
| F4904W | VT01 | 61 |
| F4905B | VT01 | 43 |
| F4905C | VT01 | 43 |
| F4905W | VT01 | 43 |
| F5904B | VT01 | 67 |
| F5904C | VT01 | 67 |
| F5904T | VT01 | 67 |
| F5904W | VT01 | 67 |
| F6904B | VT01 | 72 |
| F6904C | VT01 | 72 |
| F6904T | VT01 | 72 |
| F6904W | VT01 | 72 |
| FLA106A | SV27 | 27, 28 |
| FRE104B | SV28 | 37 |
| FRE401B | SV28 | 37 |
| FRE501A | SV28 | 37 |
| FRE501B | SV28 | 37 |
| FRE501C | SV28 | 37 |
| FRE501D | SV28 | 37 |
| FRE502A | SV28 | 37 |
| FRE504A | SV28 | 37 |
| FRE909A | SV28 | 37 |
| FRE909B | SV28 | 37 |
| GLA100-H | SV20 | 18 |
| GLA100-HBS | SV20 | 18 |
| GLA100-HPC | SV20 | 18 |
| GLA100-HPCBS | SV20 | 18 |
| GLA100-HPCR | SV20 | 18 |
| GLA100-HR | SV20 | 18 |
| GLA100LV-H | SV20 | 18 |
| GLA100LV-HBS | SV20 | 18 |
| GLA100LV-HPC | SV20 | 18 |
| GLA100LV-HPCBS | SV20 | 18 |
| GLA100LV-PC | SV20 | 18 |
| GLA100LV-PCBS | SV20 | 18 |
| GLA100LV-PIR | SV20 | 18 |

| Product Code | Product Group | Page |
|----------------|---------------|--------------------------------|
| GLA100LV-PIRBS | SV20 | 18 |
| GLA100LV-S | SV20 | 18 |
| GLA100LV-SBS | SV20 | 18 |
| GLA100LV-T | SV20 | 18 |
| GLA100LV-TBS | SV20 | 18 |
| GLA100-PC | SV20 | 18 |
| GLA100-PCBS | SV20 | 18 |
| GLA100-PCR | SV20 | 18 |
| GLA100-PIR | SV20 | 18 |
| GLA100-PIRBS | SV20 | 18 |
| GLA100-S | SV20 | 18 |
| GLA100-SBS | SV20 | 18 |
| GLA100-SR | SV20 | 18 |
| GLA100-T | SV20 | 18 |
| GLA100-TBS | SV20 | 18 |
| GLA100-TR | SV20 | 18 |
| GLA150-H | SV20 | 22 |
| GLA150-HPC | SV20 | 22 |
| GLA150-PC | SV20 | 22 |
| GLA150-S | SV20 | 22 |
| GLA150-T | SV20 | 22 |
| GLD100-T | SV20 | 30 |
| GLD100-TK | SV20 | 30 |
| H1 | VT04 | 20 |
| H15 | VT04 | 23 |
| H1R | VT04 | 20 |
| HRX-B | VT12 | 11, 83 |
| HRX-BFP | VT12 | 11 |
| HRXC-AF | VT12 | 11 |
| HRXC-B | VT12 | 11 |
| HRXC-F | VT12 | 11 |
| HRXC-FP | VT12 | 11 |
| HRX-FB | VT12 | 11 |
| HRX-FBFP | VT12 | 11 |
| HRX-FFP | VT12 | 11 |
| HRX-FP | VT12 | 11 |
| HRX-FS | VT12 | 11 |
| HRX-GOLD | VT22 | 11 |
| HRX-S | VT12 | 11, 83 |
| HRX-SILVER | VT22 | 11 |
| KIT102B | SV21 | 29 |
| KIT103B | SV21 | 29 |
| KIT104B | SV21 | 29 |
| KIT107B | SV21 | 29 |
| KIT201B | SV21 | 29 |
| KIT203B | SV21 | 29 |
| LS1DK | VT04 | 33 |
| LS1DKCH | VT04 | 33 |
| LS1DKR | VT04 | 33 |
| LT1DK | VT04 | 33 |
| LT1DKCH | VT04 | 33 |
| LT1DKCHR | VT04 | 33 |
| LT1DKR | VT04 | 33 |
| MAS87 | VT16 | 41, 45, 49, 52, 55, 59, 65, 70 |
| MAY102B | SV21 | 28 |
| MAY202B | SV21 | 28 |
| MAY402B | SV21 | 28 |
| MAY502S | SV27 | 28 |
| MAY504A | SV27 | 26, 27 |
| MAY901A | SV21 | 26, 27 |
| MAY905B | SV27 | 26, 27 |
| MAY907A | SV27 | 28 |
| MCC070B | SV21 | 27 |
| MCC070BLV | SV21 | 27 |
| MCC070BLW | SV21 | 26 |
| MCC140B | SV21 | 27 |
| MIR070B | SV21 | 27 |
| MIR140B | SV21 | 27 |
| MPC070B | SV21 | 27 |
| MPC140B | SV21 | 27 |
| MSS070B | SV21 | 27 |
| MSS070BLV | SV21 | 27 |
| MSS070BLW | SV21 | 26 |
| MSS140B | SV21 | 27 |
| MTD070B | SV21 | 27 |
| MTD070BLV | SV21 | 27 |
| MTD070BLW | SV21 | 26 |
| MTD140B | SV21 | 27 |
| MTS070B | SV21 | 27 |
| MTS070BLV | SV21 | 26 |
| MTT070B | SV21 | 27 |
| MTT070BLV | SV21 | 26 |
| P1 | VT04 | 20 |
| P15 | VT04 | 23 |
| P15KR | VT04 | 23 |
| P15WR | VT04 | 23 |

| Product Code | Product Group | Page |
|--------------|---------------|--------|
| P1R | VT04 | 20 |
| PFL420A | SV26 | 26, 27 |
| PVS100BB | SV21 | 28 |
| PVS100BK | SV21 | 29 |
| PVS100BKTH | SV21 | 29 |
| PVS100BKTV | SV21 | 29 |
| PVS100HBK | SV21 | 29 |
| PVS100HTBB | SV21 | 28 |
| PVS100HTBBLV | SV21 | 28 |
| PVS100HTBK | SV21 | 29 |
| PVS100PBBTW | SV21 | 28 |
| PVS100PBKTW | SV21 | 29 |
| PVS100PBLVTV | SV21 | 28 |
| PVS100TBB | SV21 | 28 |
| PVS100TBLV | SV21 | 28 |
| PVS100TBK | SV21 | 29 |
| PWC750 | SV24 | 14 |
| PWC750HTST | SV24 | 14 |
| PWC750REG | SV24 | 14, 83 |
| PWC750TST | SV24 | 14 |
| QVT600 | SV24 | 15 |
| QVT600HTST | SV24 | 15 |
| QVT600TST | SV24 | 15 |
| QVT750 | SV24 | 15 |
| QVT750TST | SV24 | 15 |
| RDC150 | VT21 | 83 |
| RDC75 | VT21 | 83 |
| RDCLIP75 | VT21 | 83 |
| RDD125 | VT21 | 83 |
| RDD12590 | VT21 | 83 |
| RDD150 | VT21 | 83 |
| RDD15090 | VT21 | 83 |
| RDD488 | VT21 | 82 |
| RDD75 | VT21 | 83 |
| RDD75(25) | VT21 | 83 |

Polypipe Ventilation

System and Product Selector



Polypipe Ventilation

Sandall Stones Road
Kirk Sandall Industrial Estate
Kirk Sandall, Doncaster
DN3 1QR
United Kingdom

UK tel: 08443 715523

UK fax: 08443 715524

International tel: +44 (0) 1302 348878

International fax: +44 (0) 1302 348879

email: vent.info@polypipe.com

web: www.polypipe.com/ventilation

E & OE We reserve the right to alter product specification without prior notice.

©2012 Polypipe Ventilation
All product images are the copyright of Polypipe Ventilation
and are not for reproduction without permission