

# verplas

Manufacturing

extrusion division



injection moulding division



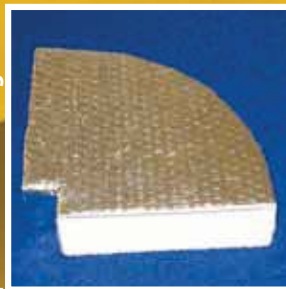
flexible hoses



fire stop products



pre insulated ducting



outlets & ceiling valves



ducting kits



ducting systems



round ducting systems



flexible PVC hoses



# Company Story

Verplas was established in 1986 initially to produce tumble dryer ventilation kits for the white goods laundry market. Whilst this began as an assembly and packaging operation, we very quickly developed our own manufacturing process to produce PVC Flexible Hoses and this became our core business. Further investment and product development through the early 1990's saw the introduction of modular ventilation systems for both the DIY and new housing markets.

In 1996, Verplas merged with Sellwood Plastic Products Limited which introduced the capability of in-house extrusion processes, welding and forming, plus the engineering expertise to design and manufacture our own product ranges.

The extrusion division initially traded as VPE and specialised in the production of round pipes, rectangular ducts, rigid and flexible profiles and multi cavity boarding. VPE became very successful in designing bespoke solutions for many varied applications including fire rated gaskets for the Heathrow Express project, door surrounds for the Leisure Home market and multi-bore flexible tubes for Medical Devices.

In 2005, the amalgamation of VPE into Verplas enabled the Company to utilise its considerable skills and knowledge to ensure continuous product development such as point of sale packaging for DIY trade and retail, the patented Layflat Duct, Semi-Rigid Aluminium Ducting, Reinforced Flexible PVC Hose and a new range of certified Fire Stop Products.

Our most recent acquisition and site expansion has allowed us to set up our own Injection Moulding Shop, where we produce the vast majority of the mouldings for our own modular Ventilation Systems and many other Trade Mouldings for other markets.

We can therefore offer an Extrusion and Injection Moulding service with extrusion lines ranging from 45mm Single Screw to 90mm Twin Kraus Maffei machines with Baston downstream calibration equipment.

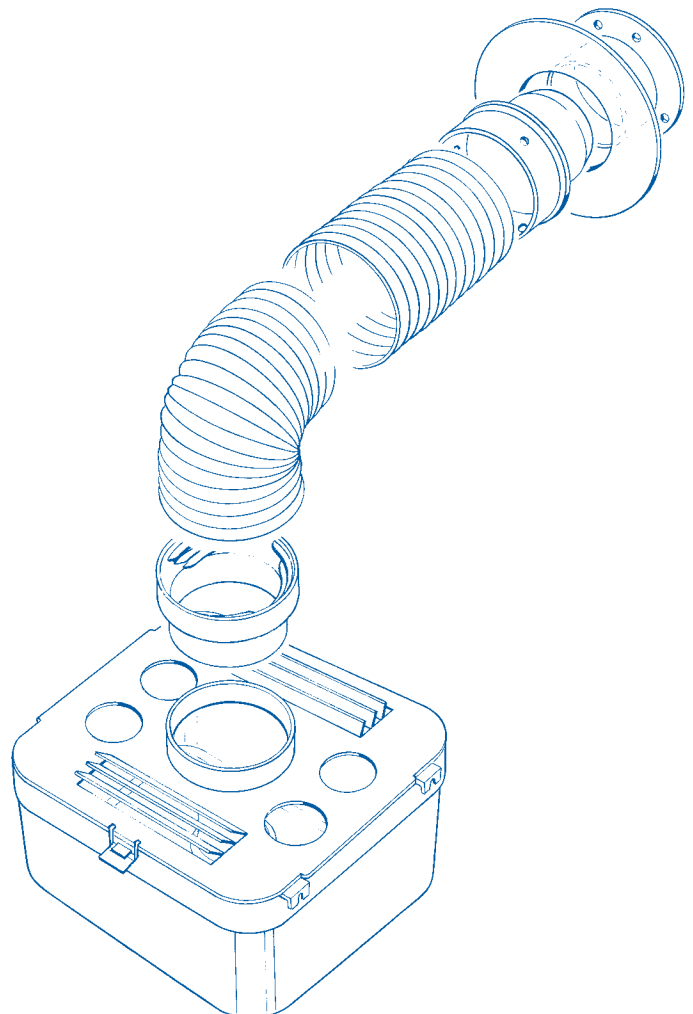
On the moulding side, we have a range of machines from 22 tonnes to 520 tonnes and with this wide portfolio of plastics processing equipment, should be able to satisfy most of your purchasing needs.

Verplas is BS EN ISO 9001: 2008 approved and whilst known officially as an SME, we still cherish those small company attributes such as intimate and reliable service, good customer care and a willingness to go the extra mile.

If you have a requirement for Injection Mouldings, plastic Extrusions or Ventilation Ducting, then please contact us with your enquiries and we will do our very best to help.

# Contents

	Page
<b>Extrusion Division</b>	<b>3</b>
<b>Injection Moulding Division</b>	<b>4</b>
<b>PVC &amp; Aluminium Flexible Hoses</b>	<b>5</b>
<b>Fire Stop Products</b>	<b>6</b>
<b>Round and Rectangular Ducting Kits</b>	<b>7</b>
<b>Adapters &amp; Accessories for Pipes &amp; Hoses</b>	<b>7</b>
<b>Rectangular &amp; Round Ducting Systems</b>	<b>8</b>
<b>Round Ducting Systems</b>	<b>9</b>
<b>Pre Insulated Ducting Products</b>	<b>10</b>
<b>Outlets &amp; Ceiling Valves</b>	<b>11</b>



# Extrusion Division

Verplas are able to offer standard and bespoke extrusion products from our own Extrusion Division. We manufacture Pipes, Tubes and Profiles in a host of materials including Rigid and Flexible PVC, Polypropylene, High and Low Density Polyethylene, ABS and many specialist grades such as TPEs, Flame Retarded Plastics and LSOH.

## Extrusion line/machines



## What's Available:

- Rigid PVC Pipes & Profiles
- Flexible Tubes & Profiles
- Polypropylene & High-Density Polyethylene Pipes
- Polyurethane Recoils
- Nylon Tube & Recoils
- Flame Retarded Tube & Profiles
- Coiling, Forming & Assembly
- Design & Manufacture of Special Products

## Round Pipes



A range of diameters up to 160mm OD in Rigid PVC or Non-PVC materials.

## Rectangular Ducts



Many standard sizes including 110 x 54mm, 150 x 70mm, 180 x 95mm and 204 x 60mm in Rigid PVC.

## Flexible Profiles



Any shape and size up to 70 x 70mm in Flexible PVC, Thermoplastic Elastomers and Alloys.

## Rigid Profiles



Standard products for the Leisure Home Market and many others in Rigid PVC, ABS and Dual Hardness Co-extrusions. Door Surrounds a speciality.

## Multi Cavity Board



Standard sizes 223 x 29mm and 310 x 29mm in Rigid PVC but any size up to 320mm wide can be accommodated.

## Flexible Tubes



In diameters up to 50mm bore in clear PVC, Filled PVC, Tinted or Coloured PVC and Low Density Polyethylene and Thermoplastic Elastomers.

## Special Products



Bespoke products within the physical ranges above in standard or special materials.

# Injection Moulding Division

In addition to the comprehensive range of Ventilation and Ducting products and bespoke Extrusions available from Verplas, we are now able to offer an Injection Moulding Service. We have machines available from 22 tonnes to 520 tonnes lock and coupled with our range of extrusion lines; provide a wide portfolio of plastics processing equipment that could satisfy of your purchasing needs.

We are a manufacturing company with systems and procedures to BS EN ISO 9001: 2008 and have more than 25 years experience of supplying many OEM's and Distributors in a wide range of markets including White Goods, Domestic Ventilation, DIY, Air Filtration, Leisure Homes, Medical Device, Road Safety and many more.

Our manufacturing expertise is at your disposal, with mouldings from a few grammes to over 2000 grammes in a range of materials from commodity to specialist, including PPC, PPH, Talc Filled PPC, HDPE, HIPS, ABS, LDPE, LLDPE, PVCp, PVCu, ACETAL, Nylon and Engineering Polymers.

We can also offer on-site tool maintenance facilities for your own tooling and a product development and tool manufacturing service to turn your ideas into reality and mass production.

We would welcome the opportunity to respond to any enquiry for Injection Moulded or Extruded components, whether this is a new idea, product launch, price check or shift from an unreliable or less cost effective supplier.

If this is of interest and you would like us to quote for a new or existing moulding, or would appreciate some assistance with problem-solving or design, then please contact us today.



# PVC & Aluminium Flexible Hoses

We manufacture a wide range of flexible hoses for many domestic and light industrial applications in diameters ranging from 60mm to 500mm.

## Round and Rectangular PVC Flexible Hose

A light wire-reinforced white PVC hose for domestic applications including cooker hoods, tumble dryers and bathroom fans.

- For use to overcome situations where a rigid duct cannot be installed.

### Round and Rectangular PVC Hose Available in white and grey.



We manufacture a wide range of flexible hoses for many domestic and light industrial applications in diameters ranging from 60mm to 500mm.

<b>ROUND PVC FLEXIBLE HOSE</b>	
102mm dia, 1m length	P0032/102/35
102mm dia, 3m length	P0092/102/35
102mm dia, 6m length	P0180/102/35
102mm dia, 10m length	P0305/102/35
102mm dia, 15m length	P0440/102/35
102mm dia, 45m length	P1310/102/35
133mm dia, 1m length	P0032/133/35
133mm dia, 3m length	P0092/133/35
133mm dia, 6m length	P0180/133/35
133mm dia, 10m length	P0305/133/35
133mm dia, 15m length	P0440/133/35
152mm dia, 1m length	P0032/152/35
152mm dia, 3m length	P0092/152/35
152mm dia, 6m length	P0180/152/35
152mm dia, 10m length	P0305/152/35
152mm dia, 15m length	P0440/152/35
<b>RECTANGULAR PVC FLEXIBLE HOSE</b>	
112 x 56mm, 0.5m length	R0.5M110X55
112 x 56mm, 1m length	R1M110X55
112 x 56mm, 3m length	R3M110X54
153 x 73mm, 0.5m length	R0.5M150X70
153 x 73mm, 1m length	R1M150X70
153 x 73mm, 3m length	R3M150X70
206 x 62mm, 0.5m length	R0.5M204X60
206 x 62mm, 1m length	R1M204X60
206 x 62mm, 3m length	R3M204X60

## Flexible Aluminium Hose



Wire reinforced aluminium hose with polyester coating for strength. To BS476 Parts 6 & 7 Class 0.

102mm dia, 10m length	ALUM102X10
127mm dia, 10m length	ALUM127X10
152mm dia, 10m length	ALUM152X10
203mm dia, 10m length	ALUM203X10
254mm dia, 10m length	ALUM254X10
305mm dia, 10m length	ALUM305X10
315mm dia, 10m length	ALUM315X10
400mm dia, 10m length	ALUM400X10
455mm dia, 10m length	ALUM455X10
500mm dia, 10m length	ALUM500X10

## Flexible Aluminium-Pvc Combi Hose



Aluminium and polyester hose with a PVC outer layer used as a substitute for insulated hose in various applications. To BS476 Parts 6 & 7 Class 0.

102mm dia, 10m length	COM102X10
127mm dia, 10m length	COM127X10
152mm dia, 10m length	COM152X10
202mm dia, 10m length	COM202X10
229mm dia, 10m length	COM229X10
254mm dia, 10m length	COM254X10
305mm dia, 10m length	COM305X10

- Suitable when there is slow moving air.
- PVC hose has a maximum working temperature of 70°C.
- A wide range of connectors, clips and tapes provide effective connections to Verplas rigid ducting systems and outlets.

## Polyester Reinforced PVC Flexible Hose



This is a reinforced highly resilient PVC flexible hose designed to be used for low & medium pressure heating, ventilation, cooling and exhaust systems. It is manufactured from hardwearing PVC with high tensile steel wire.

82mm dia, 6m length	GPVC82X6
102mm dia, 6m length	GPVC102X6
127mm dia, 6m length	GPVC127X6
152mm dia, 6m length	GPVC152X6
203mm dia, 6m length	GPVC203X6
254mm dia, 6m length	GPVC254X6
305mm dia, 6m length	GPVC305X6

## Insulated Aluminium Hose



Aluminium hose with 25mm glass wool insulation to minimise condensation when the hose travels through a cold area such as a roof space. Manufactured to BS476 Parts 6 & 7 Class 0.

<b>INSULATED ALUMINIUM HOSE</b>	
102mm dia, 10m length	INS102X10
127mm dia, 10m length	INS127X10
152mm dia, 10m length	INS152X10
203mm dia, 10m length	INS203X10
254mm dia, 10m length	INS254X10
305mm dia, 10m length	INS305X10
<b>ACOUSTIC INSULATED ALUMINIUM HOSE</b>	
102mm dia, 10m length	SONO102X10
127mm dia, 10m length	SONO127X10
152mm dia, 10m length	SONO152X10
203mm dia, 10m length	SONO203X10
254mm dia, 10m length	SONO254X10
305mm dia, 10m length	SONO305X10

### Acoustic Insulated Aluminium Hose

Internal Aluminium Hose is perforated giving the hose acoustic properties. Wire wool insulation minimises condensation in cold roof space. Manufactured to BS476 Parts 6 & 7 Class 0.

## Semi-Rigid Aluminium Hose



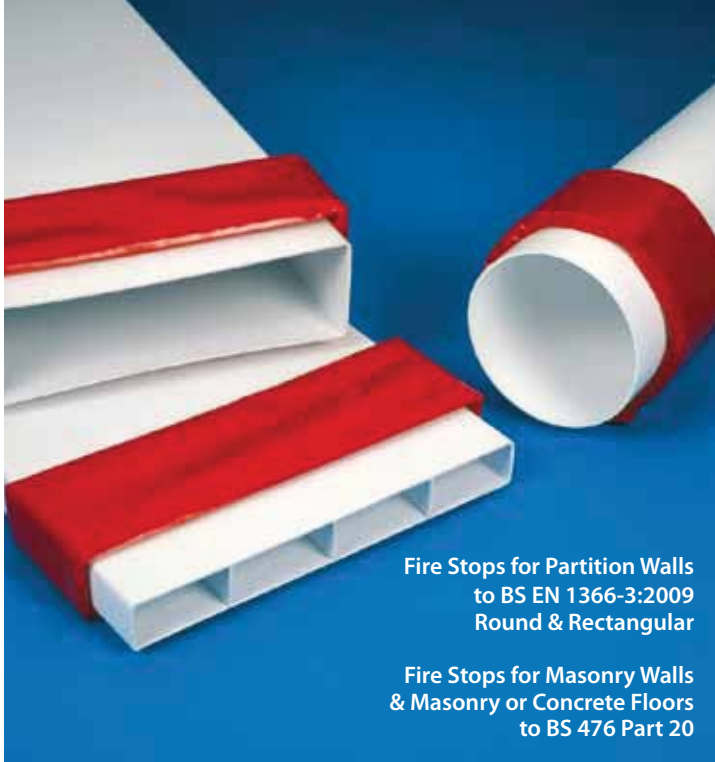
An aluminium foil hose with no reinforcement. Can be twisted to form the desired configuration. Ideal for fans installed on an outside wall. Diameters from 102mm to 152mm.

<b>SEMI-RIGID ALUMINIUM HOSE</b>	
102mm dia, 300mm length	A0.3MS/R102
102mm dia, 1.5m length	A1.5MS/R102
102mm dia, 3m length	A3MS/R102
127mm dia, 300mm length	A0.3MS/R125
127mm dia, 1.5m length	A1.5MS/R125
127mm dia, 3m length	A3MS/R125
152mm dia, 300mm length	A0.3MS/R150
152mm dia, 1.5m length	A1.5MS/R150
152mm dia, 3m length	A3MS/R150

# Fire Stop Products

When ventilation ducting is installed so that it enters or exits a fire compartment in a house, apartment or multi-storey building, it may be necessary to meet Document B of the Building Regulations to ensure that any fire is contained in one area. Verplas has a range of products suitable for this purpose.

## FireWrap



Fire Stops for Partition Walls  
to BS EN 1366-3:2009  
Round & Rectangular

Fire Stops for Masonry Walls  
& Masonry or Concrete Floors  
to BS 476 Part 20

### Fire Stop for Partition Wall Penetrations (Round & Rectangular Ducting)

These latest Fire Stop products are designed specifically for partition walls and achieve a 2hr Fire Rating under the most stringent test conditions of BS EN 1366-3 : 2009. These FireWrap products combined with the Verplas Galvanised Sleeves exceed the 2hr test for 132mm walls & achieved a minimum 1hr rating for a 208mm wall using the Telescopic Fire Stop Kit. An alternative for partition walls up to 132mm wide are the FireCuff range which have been tested to a 2 hr rating under BS EN 1366-3: 2009. Also available is the Three Sided FireCuff kit for installation of ducting against the underside of floor slabs.

### Fire Stop for Masonry Walls & Masonry or Concrete Floors

The Verplas FireWrap and FireCuff range has been tested and achieved a 2 hr rating to BS 476 Part 20 for use in masonry walls and masonry or concrete floors.

### Acoustic Intumescent Mastic

The Acoustic Intumescent Mastic is a 5 hour rated one part emulsion acrylic based intumescent acoustic sealant giving a firm but flexible seal to joins in a variety of fire related structures. The Acoustic Intumescent Mastic comes in a 310ml cartridge and the part code is: INT01.

### FireWrap Round



PARTITION WALLS UP TO 132MM  
ROUND 100:FW100  
GALVANISED SLEEVE  
ROUND 100:FW5100X141

### Telescopic Fire Stop Kit



PARTITION WALLS UP TO 208MM  
SYSTEM 100:FSK110X54  
SYSTEM 125:FSK150X70  
SYSTEM 150:FSK180X90  
SYSTEM 204:FSK204X60  
SYSTEM 225:FSK225X25  
SYSTEM 300:FSK300X25

### FireCuff Rectangular



PARTITION WALLS UP TO 132MM  
SYSTEM 100:FC110X54  
SYSTEM 204:FC204X60  
SYSTEM 300:FC300X25

### FireWraps for Masonry or Concrete Floors



ROUND 100:FW100  
ROUND 125:FW125  
ROUND 150:FW150  
SYSTEM 100:FW110X54  
SYSTEM 125:FW150X70  
SYSTEM 150:FW180X90  
SYSTEM 204:FW204X60  
SYSTEM 225:FW225X25  
SYSTEM 300:FW300X25

### FireWrap Rectangular



PARTITION WALLS UP TO 132MM  
SYSTEM 100:FW110X54  
SYSTEM 125:FW150X70  
SYSTEM 150:FW180X90  
SYSTEM 204:FW204X60  
SYSTEM 225:FW225X25  
SYSTEM 300:FW300X25  
GALVANISED SLEEVE  
SYSTEM 100:FW5110X54X141  
SYSTEM 125:FW5150X70X141  
SYSTEM 150:FW5180X90X141  
SYSTEM 204:FW5204X60X141  
SYSTEM 225:FW5225X25X141  
SYSTEM 300:FW5300X25X141

### FireCuff Round



PARTITION WALLS UP TO 132MM  
ROUND 100:FC100X150  
ROUND 125:FC125X280

### FireCuff Three Sided Kit



PARTITION WALLS UP TO 132MM  
SYSTEM 100:FCTS110X54  
SYSTEM 204:FCTS204X60

### FireCuff Rectangular for Masonry or Concrete Floors



SYSTEM 100:FC110X54  
SYSTEM 125:FC150X70  
SYSTEM 204:FC204X60  
SYSTEM 225:FC225X25  
SYSTEM 300:FC300X25

Copies of the Fire Test Reports and Installation Guides can be downloaded from our website: [www.verplas.co.uk](http://www.verplas.co.uk)

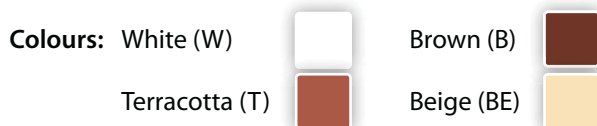
# Round and Rectangular Ducting Kits

Verplas provides a number of standard, practical, boxed ducting kits in both rigid and flexible variations in short or longer kits.

Verplas provides a number of standard, practical, boxed ducting kits in both rigid and flexible variations in short or longer kits. Each kit contains the required parts to provide ducting to a cooker hood, tumble dryer or extractor fan. Kits contain wall outlets, available in four colours as listed below. In addition to the following list of standard kits we can make up bespoke kits with the items needed for any particular installation.

- Standard boxed kits available to provide solutions to common installations.
- Options designed for cooker hoods and tumble dryers.
- Packed in purpose made cartons.
- Complete with instructions where necessary.
- Choice of wall outlet colours.
- Bespoke kits can be designed to meet the exact requirements of the installation.

Orders must specify the outlet colour required by adding the relevant suffix.



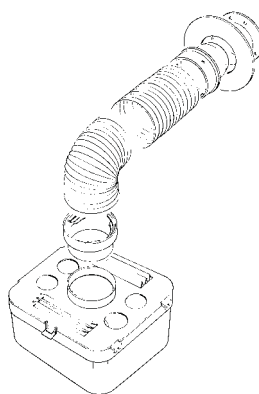
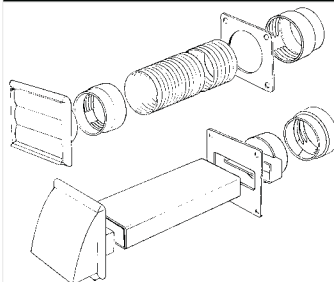
## Flexible Kits



## Rigid Rectangular Kits

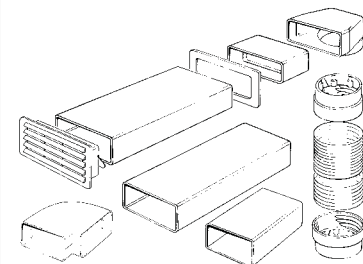
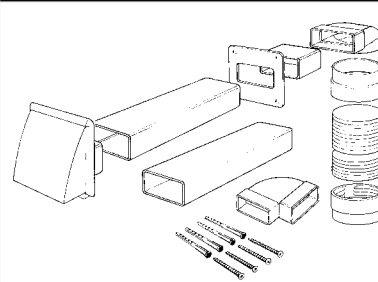


## FLEXIBLE KITS



- SYSTEM 100:** Tumble Dryer Kit With Cowl Outlet **VVK274**  
1m Kit With Gravity Outlet **VVK224**  
1m Kit With Cowl Outlet **VVK264**  
Tumble Dryer Condenser Kit **VVK675**  
**SYSTEM 125:** 1m Kit With Gravity Outlet **VVK225**  
1m Kit With Cowl Outlet **VVK265**  
1m Kit With Adaptor To 100mm **VVK520**  
**SYSTEM 150:** 1 Metre Kit **VVK669**

## RIGID RECTANGULAR KITS



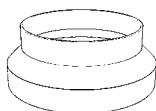
- SYSTEM 100:** (110 x 54mm)  
Tumble Dryer Kit With Cowl Outlet **VVK244**  
3m Kit With Cowl Outlet **VVK312**  
3m Kit With Cowl Outlet & Horizontal Bend **VVK483**  
**SYSTEM 125:** (150 x 70mm)  
3m Kit With Airbrick **VVK315**  
3m Kit With Airbrick, Horizontal Bend & Reducer to 100mm **VVK316A**  
**SYSTEM 150:** (180 x 95mm)  
3m Kit With Airbrick & Horizontal Bend **VVK668**  
**SYSTEM 204:** (204 x 60mm)  
3m Kit With Airbrick & Horizontal Bend **VVK5650**  
3m Kit With Airbrick **VVK5651**

Pre-Pack, Retail Packaging and Point of Sale Material available on request.

# Adapters & Accessories for Pipes & Hoses

Verplas supply a range of adapters to convert from one size to another and various accessories used with the ducting systems.

## REDUCER



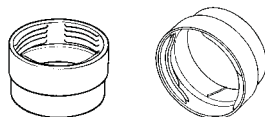
- SYSTEM 100:** (100-150mm) **VKC264**  
**SYSTEM 125:** (125-100mm) **VKC603**  
**SYSTEM 150:** (150-125mm) **VKC619**  
**SYSTEM 150:** (180-150mm) **VKC678 - METAL**  
**SYSTEM 200:** (200-150mm) **VKC436**

## OFFSET REDUCER



- SYSTEM 125:** **VKC621**  
Can be used with **VKC606** to reduce to a 100mm socket.

## THREADED HOSE CONNECTOR



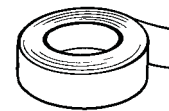
- SYSTEM 100:** Male **VKC10** **SYSTEM 125:** **VKC271**  
**SYSTEM 100:** Female **VKC11** **SYSTEM 150:** **VKC659**

## METAL HOSE CLIP



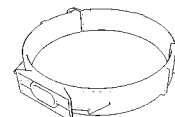
- SYSTEM 80:** **VKC261** **SYSTEM 150:** **VKC674**  
**SYSTEM 100:** **VKC264** **SYSTEM 200:** **VKC440**  
**SYSTEM 125:** **VKC611**

## SEALING TAPE



- (50mm x 33m) **VKC273**  
(50mm x 4.6m) **EK152**  
(19mm x 4.6m) **EK151**

## ROUND PIPE FIXING CLIP



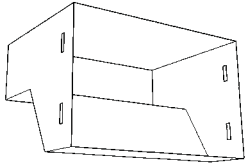
- SYSTEM 100:** **VKC304C**  
**SYSTEM 125:** **VKC354C**  
**SYSTEM 150:** **VKC442Ca**

# Rectangular & Round Ducting Systems

Rectangular ducting is ideal for fitting in kitchens concealed above wall units or in wall or ceiling voids due to its low profile. Verplas has six rectangular ducting systems. These systems will cater for most domestic requirements including short runs for low powered extraction and longer more complex configurations for powerful cooker hoods.

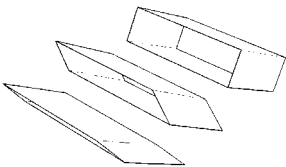
## RECTANGULAR SYSTEMS: 100, 125, 150, 204

### DOUBLE AIRBRICK ADAPTER



**SYSTEM 204:** (204 x 60mm) **VKC5633**  
For use with VKC704 (x2) Airbrick Grille.

### LAYFLAT CHANNEL



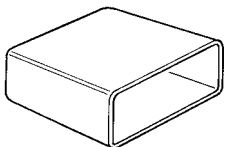
**SYSTEM 100:** (110 x 54mm x 1m) **LF249**  
**SYSTEM 100:** (110 x 54mm x 1.5m) **LF240**  
**SYSTEM 204:** (204 x 60mm x 1m) **LF5604**  
**SYSTEM 204:** (204 x 60mm x 1.5m) **LF5628**

### FLAT CHANNEL



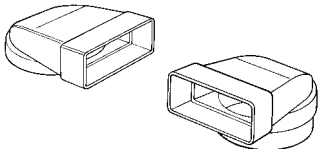
**SYSTEM 100:** (110 x 54mm x 1m) **VKC249**  
**SYSTEM 100:** (110 x 54mm x 1.5m) **VKC240**  
**SYSTEM 100:** (110 x 54mm x 2m) **VKC297**  
**SYSTEM 125:** (150 x 70mm x 1m) **VKC604**  
**SYSTEM 150:** (180 x 95mm x 1m) **VKC651**  
**SYSTEM 204:** (204 x 60mm x 1m) **VKC5604**  
**SYSTEM 204:** (204 x 60mm x 1.5m) **VKC5628**  
**SYSTEM 204:** (204 x 60mm x 2m) **VKC5629**

### FLAT CHANNEL CONNECTOR



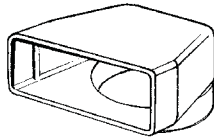
**SYSTEM 100:** (110 x 54mm) **VKC235**  
**SYSTEM 125:** (150 x 70mm) **VKC608**  
**SYSTEM 150:** (180 x 95mm) **VKC652**  
**SYSTEM 204:** (204 x 60mm) **VKC5608**

### ELBOW BEND



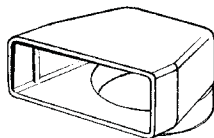
**SYSTEM 100:** (110 x 54mm) Female **VKC236**  
**SYSTEM 100:** (110 x 54mm) Male **VKC237**  
**SYSTEM 125:** (150 x 70mm) **VKC606**  
**SYSTEM 150:** (180 x 95mm) **VKC655**

### ELBOW BEND WITH ROTATING SPIGOT



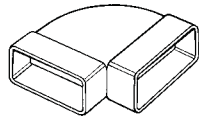
**SYSTEM 204:** (204 x 60mm) **VKC5625 - 100mm**  
**SYSTEM 204:** (204 x 60mm) **VKC5606 - 125mm**  
**SYSTEM 204:** (204 x 60mm) **VKC5626 - 150mm**

### ELBOW BEND WITH FIXED SPIGOT



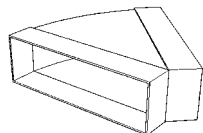
**SYSTEM 204:** (204 x 60mm) **VKC5644 - 100mm**  
**SYSTEM 204:** (204 x 60mm) **VKC5645 - 125mm**  
**SYSTEM 204:** (204 x 60mm) **VKC5646 - 150mm**

### 90° HORIZONTAL BEND



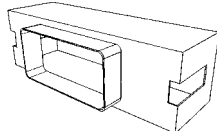
**SYSTEM 100:** (110 x 54mm) **VKC238**  
**SYSTEM 125:** (150 x 70mm) **VKC605**  
**SYSTEM 150:** (180 x 95mm) **VKC654**  
**SYSTEM 204:** (204 x 60mm) **VKC5605**

### 45° HORIZONTAL BEND



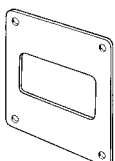
**SYSTEM 100:** (110 x 54mm) **VKC227**  
**SYSTEM 204:** (204 x 60mm) **VKC5616**

### AIRBRICK ADAPTOR



**SYSTEM 100:** (110 x 54mm) **VKC247**  
For use with VKC704 and VKC714 Airbrick Grille.

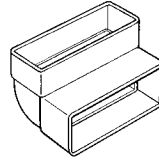
### WALL PLATE



**SYSTEM 100:** (110 x 54mm) **VKC206**  
**SYSTEM 125:** (150 x 70mm) **VKC601**  
**SYSTEM 150:** (180 x 95mm) **VKC657**  
**SYSTEM 204:** (204 x 60mm) **VKC5601**

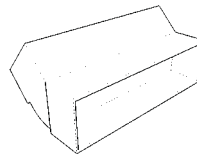
## RECTANGULAR SYSTEMS: 100, 125, 150, 204

### 90° VERTICAL BEND



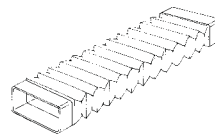
**SYSTEM 100:** (110 x 54mm) **VKC239**  
**SYSTEM 125:** (150 x 70mm) **VKC612**  
**SYSTEM 150:** (180 x 95mm) **VKC653**  
**SYSTEM 204:** (204 x 60mm) **VKC5612**

### 45° VERTICAL BEND



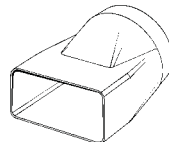
**SYSTEM 100:** (110 x 54mm) **VKC226**  
**SYSTEM 204:** (204 x 60mm) **VKC5617**

### FLEXIBLE BEND



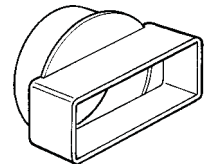
**SYSTEM 100:** (110 x 54mm) **VKC229**  
**SYSTEM 125:** (150 x 70mm) **VKC627**  
**SYSTEM 150:** (180 x 95mm) **VKC676**  
**SYSTEM 204:** (204 x 60mm) **VKC5627**

### ROUND / RECTANGULAR ADAPTOR



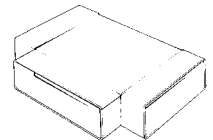
**SYSTEM 100:** (110 x 54mm) **VKC253F**  
**SYSTEM 125:** (150 x 70mm) **VKC613**  
**SYSTEM 150:** (180 x 95mm) **VKC650**  
**SYSTEM 204:** (204 x 60mm) **VKC5613 125 Ø**  
**SYSTEM 204:** (204 x 60mm) **VKC5615 100 Ø**

### SHORT ROUND / RECTANGULAR ADAPTOR



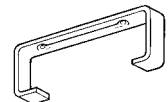
**SYSTEM 100:** (110 x 54mm) Male **VKC207**  
**SYSTEM 100:** (110 x 54mm) Female **VKC241**

### EQUAL T PIECE



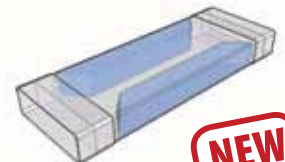
**SYSTEM 100:** (110 x 54mm) **VKC228**  
**SYSTEM 204:** (204 x 60mm) **VKC5630**

### FLAT CHANNEL CLIP



**SYSTEM 100:** (110 x 54mm) **VKC230**  
**SYSTEM 125:** (150 x 70mm) **VKC610**  
**SYSTEM 150:** (180 x 95mm) **VKC664**  
**SYSTEM 204:** (204 x 60mm) **VKC5610**

### DUCTING SILENCER

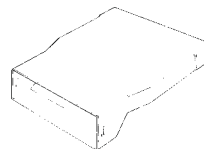


**SYSTEM 204:** (500mm) **VKC5660**  
**SYSTEM 204:** (1mtr) **VKC5661**  
**SYSTEM 204:** (1.5mtr) **VKC5662**

**A new specially designed, cost effective & easy to install method of reducing noise from your ventilation system.**

## RECTANGULAR SYSTEMS: 225, 300

### AIRBRICK ADAPTOR



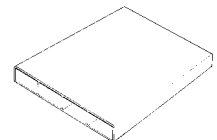
**SYSTEM 225:** (234 x 29mm) **VKC703**  
**SYSTEM 300:** (308 x 29mm) **VKC753**  
For use with VKC704 and VKC714 Airbrick Grille

### DOUBLE AIRBRICK ADAPTOR



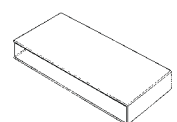
**SYSTEM 225:** (234 x 29mm) **VKC712**  
For use with VKC704 (x2)

### FLAT CHANNEL



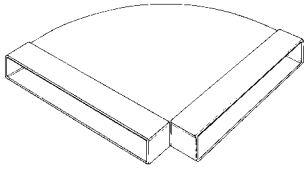
**SYSTEM 225:** (234 x 29mm x 1m) **VKC706**  
**SYSTEM 225:** (234 x 29mm x 2m) **VKC707**  
**SYSTEM 300:** (308 x 29mm x 1m) **VKC754**  
**SYSTEM 300:** (308 x 29mm x 2m) **VKC755**

### FLAT CHANNEL CONNECTOR



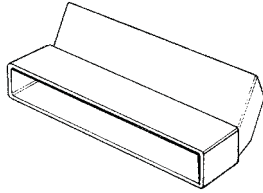
**SYSTEM 225:** (234 x 29mm) **VKC700**  
**SYSTEM 300:** (308 x 29mm) **VKC750**

## 90° HORIZONTAL BEND



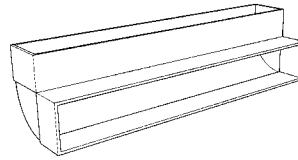
SYSTEM 225: (234 x 29mm) VKC701  
SYSTEM 300: (308 x 29mm) VKC751

## 45° VERTICAL BEND



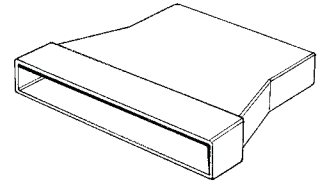
SYSTEM 225: (234 x 29mm) VKC709  
SYSTEM 300: (308 x 29mm) VKC757

## 90° VERTICAL BEND



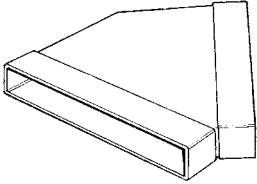
SYSTEM 225: (234 x 29mm) VKC710  
SYSTEM 300: (308 x 29mm) VKC758

## INCREASING ADAPTOR



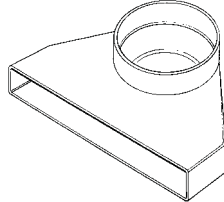
SYSTEM 225: (234 x 29mm) VKC756  
SYSTEM 300: (308 x 29mm) VKC756

## 45° HORIZONTAL BEND



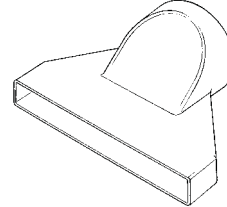
SYSTEM 225: (234 x 29mm) VKC711  
SYSTEM 300: (308 x 29mm) VKC759

## ELBOW BEND - PLENUM



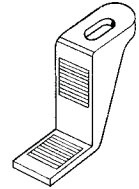
SYSTEM 225: (234 x 29mm) VKC702  
SYSTEM 300: (308 x 29mm) VKC752

## RECTANGULAR TO ROUND ADAPTOR



SYSTEM 225: (234 x 29mm) VKC708

## SUPPORT CLIP



SYSTEM 225: (234 x 29mm) VKC705  
SYSTEM 300: (308 x 29mm) VKC705

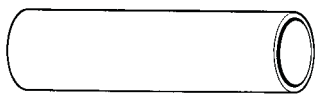
# Round Ducting Systems

Round pipes form the perfect duct and we would recommend that round ducting systems are used wherever possible, in other words where space allows.

We have three complete round ducting systems based on pipes which are 100mm, 125mm and 150mm inside diameter. The 100mm system is ideal for extractor fans or low power cooker hoods. The 150mm is our most efficient ducting system for very high power cooker hoods.

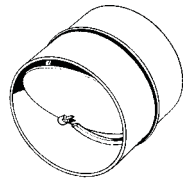
- Round ducting is highly recommended for cooker hoods and fans with high output.
- It is suitable for long ducting runs as in whole house ventilation, passive stack ventilation and air conditioning.
- Excellent performance and minimal air turbulence.
- Round ducting should always be used if the space allows.
- A wide range of accessories is available.

## ROUND PIPE



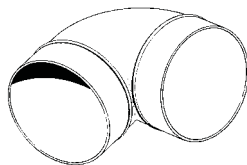
SYSTEM 100: (350mm) VKC242, (1m) VKC250, (1.5m) VKC299, (2m) VKC2992  
SYSTEM 125: (350mm) VKC266, (1m) VKC267, (1.5m) VKC269, (2m) VKC2692  
SYSTEM 150: (350mm) VKC660, (1m) VKC670, (1.5m) VKC671, (2m) VKC673

## ROUND CONNECTOR WITH DAMPER



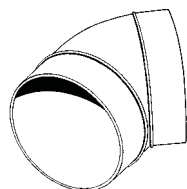
SYSTEM 100: VKC303  
SYSTEM 125: VKC353  
SYSTEM 150: VKC363

## 90° ELBOW BEND



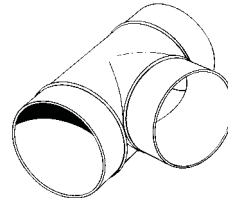
SYSTEM 100: VKC300  
SYSTEM 125: VKC350  
SYSTEM 150: VKC360

## 45° ELBOW BEND



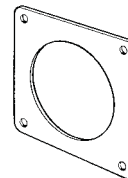
SYSTEM 100: VKC301  
SYSTEM 125: VKC351

## EQUAL T PIECE



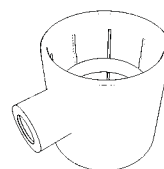
SYSTEM 100: VKC302  
SYSTEM 125: VKC352  
SYSTEM 150: VKC362

## WALL PLATE



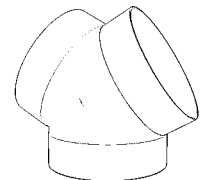
SYSTEM 100: VKC19  
SYSTEM 125: VKC618  
SYSTEM 150: VKC661

## CONDENSATION TRAP



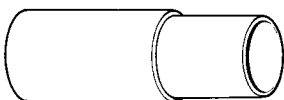
SYSTEM 100: VKC434  
SYSTEM 125: VKC445

## Y PIECES



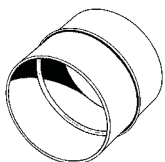
SYSTEM 100: VKC3400  
SYSTEM 125: VKC3500  
SYSTEM 150: VKC3600

## TELESCOPIC PIPE WITH REDUCING RING



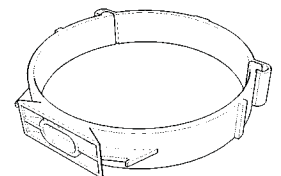
SYSTEM 100: (200-350mm) VKC307  
SYSTEM 125: (200-350mm) VKC357  
SYSTEM 150: (200-350mm) VKC367

## ROUND CONNECTOR



SYSTEM 100: EK28  
SYSTEM 125: VKC355  
SYSTEM 150: VKC365

## ROUND PIPE FIXING CLIP



SYSTEM 100: VKC304C  
SYSTEM 125: VKC354C  
SYSTEM 150: VKC442C

# Pre-Insulated Ducting Products

**NEW**

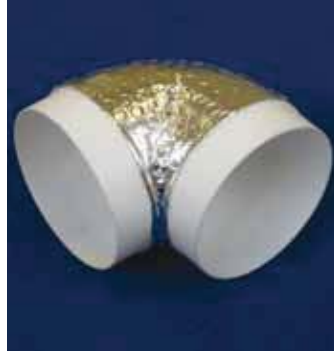
Available in standard Round Pipe configurations and System 204 and System 100 Rectangular

**45° Bend**



**SYSTEM 100:** VKC301INS  
**SYSTEM 125:** VKC351INS

**90° Bend**



**SYSTEM 100:** VKC300INS  
**SYSTEM 125:** VKC350INS  
**SYSTEM 150:** VKC360INS

**Round Pipe**



**SYSTEM 100:** (1m) VKC250INS  
(1.5m) VKC299INS  
(2m) VKC2992INS  
**SYSTEM 125:** (1m) VKC267INS  
(1.5m) VKC269INS  
(2m) VKC2692INS  
**SYSTEM 150:** (1m) VKC670INS  
(1.5m) VKC671INS  
(2m) VKC673INS

**Flat Channel**



**SYSTEM 100:** (110 x 54mm x 1.0m) VKC249INS  
**SYSTEM 100:** (110 x 54mm x 1.5m) VKC240INS  
**SYSTEM 100:** (110 x 54mm x 2.0m) VKC297INS  
**SYSTEM 204:** (204 x 60mm x 1.0m) VKC5604INS  
**SYSTEM 204:** (204 x 60mm x 1.5m) VKC5628INS  
**SYSTEM 204:** (204 x 60mm x 2.0m) VKC5629INS

## Advantages of Verplas Pre-Insulated Ducting

The lightweight and effective insulation used on the Verplas pre-insulated ducting is thermally equivalent to 40mm of mineral wool insulation, whilst providing all the advantages of a streamline system that is easy to handle and quick to install, with a lower space requirement.

This energy efficient system provides excellent protection against condensation in cold areas and achieves superior air flow performance when compared with the traditional flexible insulated hose.

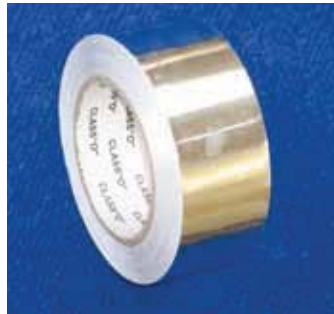
It is suitable for cooker hood and wet area extraction in kitchens, bathrooms and showers and whole house balanced mechanical supply and extraction systems with Heat Recovery.

**Thermal Insulation**



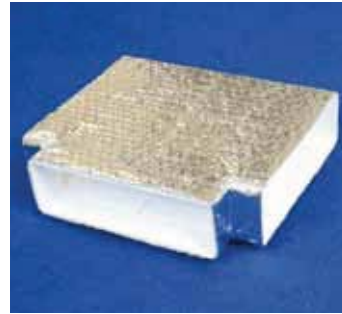
**ROLL:** (1.2 x 25m) VKC101  
**SHEET:** (1.2 x 1m) VKC100

**Aluminium Sealing Tape**



(50mm x 45m) VKC274

**Equal T Piece**



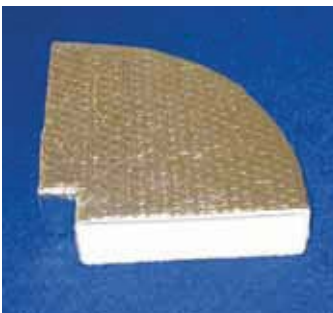
**SYSTEM 100:** (110 x 54mm) VKC228INS  
**SYSTEM 204:** (204 x 60mm) VKC5630INS

**Equal T Piece**



**SYSTEM 100:** VKC302INS  
**SYSTEM 125:** VKC352INS  
**SYSTEM 150:** VKC362INS

**Horizontal 90°**



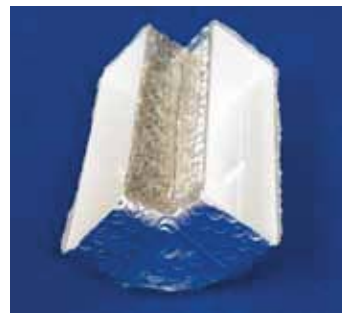
**SYSTEM 100:** (110 x 54mm) VKC238INS  
**SYSTEM 204:** (204 x 60mm) VKC5605INS

**Horizontal 45°**



**SYSTEM 100:** (110 x 54mm) VKC227INS  
**SYSTEM 204:** (204 x 60mm) VKC5616INS

**Vertical 90°**



**SYSTEM 100:** (110 x 54mm) VKC239INS  
**SYSTEM 204:** (204 x 60mm) VKC5612INS

**Vertical 45°**



**SYSTEM 100:** (110 x 54mm) VKC226INS  
**SYSTEM 204:** (204 x 60mm) VKC5617INS

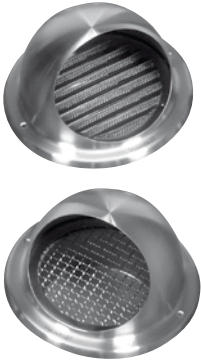
# Outlets & Ceiling Valves Steel & Plastic

Verplas offers a choice of wall outlets and ceiling valves in metal and plastic. The choice is largely one of aesthetics and practicality, but performance does vary and should be taken into account if efficiency is an important consideration, especially with high extraction rates.

An economical option with most items available in four colours. Gravity Outlets, Cowls and Grilles are available with round spigots to fit pipes or hoses and rectangular spigots to fit directly to the flat channel. Orders must specify the colour required by adding the relevant suffix.

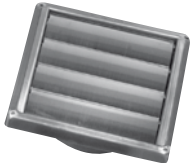
**Colours:** White (W)  Brown (B)  Terracotta (T)  Beige (BE) 

## STAINLESS STEEL BULL-NOSE OUTLET



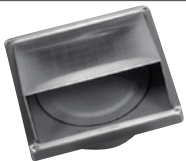
**SYSTEM 100:** 100mm with Fixed Louvres **SS100**  
**SYSTEM 100:** 100mm with Wire Mesh **SS101**  
**SYSTEM 125:** 125mm with Fixed Louvres **SS120**  
**SYSTEM 125:** 125mm with Wire Mesh **SS121**  
**SYSTEM 150:** 150mm with Fixed Louvres **SS150**  
**SYSTEM 150:** 150mm with Wire Mesh **SS151**

## STAINLESS STEEL GRAVITY OUTLET



**SYSTEM 100:** 100mm **SS102**  
**SYSTEM 125:** 125mm **SS122**  
**SYSTEM 150:** 150mm **SS152**

## STAINLESS STEEL COWL WITH FLAP



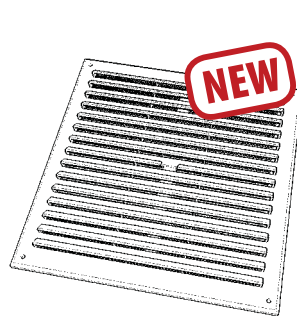
**SYSTEM 100:** 100mm **SS103**  
**SYSTEM 125:** 125mm **SS123**  
**SYSTEM 150:** 150mm **SS153**

## CEILING EXHAUST & SUPPLY VALVES



**SYSTEM 100:** 100mm Stainless Steel Exhaust **SS104**  
**SYSTEM 100:** 100mm White Coated Exhaust **MW104**  
**SYSTEM 100:** 100mm White Coated Supply **MW105**  
**SYSTEM 125:** 125mm Stainless Steel Exhaust **SS124**  
**SYSTEM 125:** 125mm White Coated Exhaust **MW124**  
**SYSTEM 125:** 125mm White Coated Supply **MW125**  
**SYSTEM 150:** 150mm Stainless Steel Exhaust **SS154**  
**SYSTEM 150:** 150mm White Coated Exhaust **MW154**  
**SYSTEM 150:** 150mm White Coated Supply **MW155**  
**SYSTEM 200:** 200mm White Coated Exhaust **MW204**  
**SYSTEM 200:** 200mm White Coated Supply **MW205**

## LOUVRE WITH FLYSCREEN & GAS VENTS



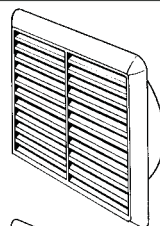
**VKC429** (9 x 9") Louvre & Flyscreen  
**VKC430** (9 x 6") Louvre & Flyscreen  
**VKC431** (9 x 3") Louvre & Flyscreen  
**VKC432** (6 x 3") Louvre & Flyscreen  
**VKC427** (9 x 6") Gas Vent  
**VKC428** (9 x 3") Gas Vent

## HIT & MISS VENT



**VKC423** (9 x 9") Hit & Miss Vent  
**VKC424** (9 x 6") Hit & Miss Vent  
**VKC425** (9 x 3") Hit & Miss Vent  
**VKC426** (6 x 3") Hit & Miss Vent

## LOUVRED GRILLE

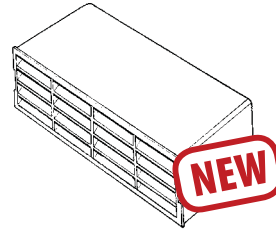


**SYSTEM 100:** 100mm Round Spigot **VKC244\*\***  
**SYSTEM 100:** Rectangular Spigot **VKC233\*\*** (110 x 54mm)  
**SYSTEM 125:** 125mm Round Spigot **VKC268\*\***  
**SYSTEM 150:** 150mm Round Spigot **VKC275\*\***

## LOUVRED GRILLE WITH FLYSCREEN

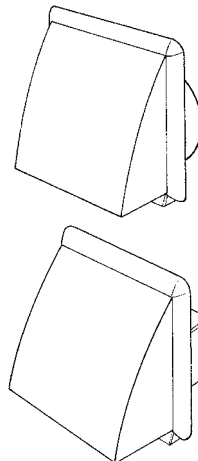
For Flyscreen version of the Louvred Grille add suffix F/S on the part number.

## INTERLOCKING AIRBRICK



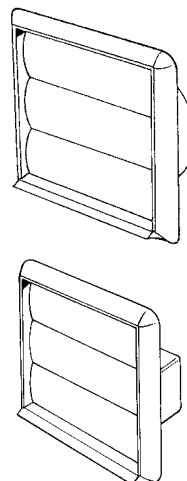
Can be used as single or multiple interlocking airbricks  
**VKC420** (9 x 3") Interlocking Airbrick in terracotta

## COWL WITH NON RETURN FLAP



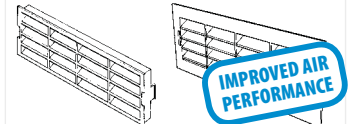
**SYSTEM 100:** 100mm Round Spigot **VKC245\*\***  
**SYSTEM 100:** Rectangular Spigot **VKC232\*\*** (110 x 54mm)  
**SYSTEM 125:** 125mm Round Spigot **VKC289\*\***

## GRAVITY OUTLET



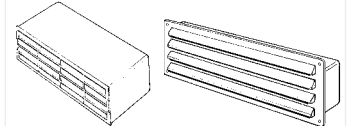
**SYSTEM 100:** 100mm Round Spigot **VKC243\*\***  
**SYSTEM 100:** Rectangular Spigot **VKC231\*\*** (110 x 54mm)  
**SYSTEM 125:** 125mm Round Spigot **VKC270\*\***  
**SYSTEM 150:** 150mm Round Spigot **VKC292\*\***

## AIRBRICK GRILLE



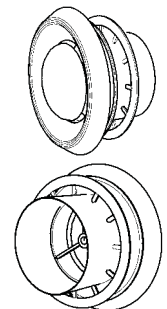
**VKC704\*\*** Airbrick Grille - Fits **VKC703**, **VKC753**, **VKC247**, **VKC712** (x2), **VKC5633** (x2)  
**VKC714\*\*** With Surround - Fits **VKC703**, **VKC753**, **VKC247**

## AIRBRICK



**SYSTEM 204:** (204 x 60mm) **VKC5631\*\***  
**SYSTEM 204:** (204 x 60mm) with Surround **VKC5635\*\***  
**SYSTEM 125:** (150 x 70mm) **VKC616\*\***  
**SYSTEM 150:** (180 x 95mm) **VKC662\*\***

## CEILING VENT DIFFUSER WITH RETAINING RING



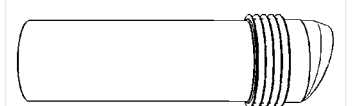
**SYSTEM 100:** **VKC306F**  
**SYSTEM 125:** **VKC356F**  
**SYSTEM 150:** **VKC366F**  
**SYSTEM 200:** **VKC370F**

## ROUND GRILLE



**SYSTEM 100:** 100mm Round Spigot **VKC256**  
**SYSTEM 125:** 125mm Round Spigot **VKC617**  
 Available in white and brown only.

## HIGH RISE VENTILATOR



**SYSTEM 100:** (100 x 54mm) **VVK200**  
 Available with white, brown or terracotta grille.

\*\* Available in white, brown, terracotta and beige.

# Ventilation Products

The Verplas range comprises modular ducting systems in both flat duct and round pipe. There are several sizes designed for cooker hoods and fans of varying airflow rates.



## Rectangular systems

System 225 and System 300 are designed around extra slim ducts, made to be fitted in spaces with little depth such as within a ceiling void or within walls or floor spaces.

System 150 has the largest cross section of all our rectangular ducts and is the perfect choice for cooker hoods with high extraction rates.

System 204 is the ideal choice for most cooker hoods. Its large cross section makes it an efficient solution even with long duct runs.

System 125 is designed to be installed with cooker hoods with a medium capacity and the width of the duct will allow it to be fitted above wall units with a wide cornice or little depth.

The standard System 100 was designed when cooker hoods were of relatively low power, but is still suitable for rates up to around 250 cu m/h and is used for passive air movement and for 4" domestic extractor fans.

## Round systems

Verplas has three round systems in 100mm, 125mm and 150mm diameters. Round pipes have the most effective airflow performance and should be considered as the first option, if space will allow. The smallest pipes are suitable for extractor fans and low powered hoods while the larger ducts are for the higher powered cooker hoods which can have extraction rates of over 800 cu m/h.

## Practical ducting kits

We have a number of standard ducting kits for use with cooker hoods, tumble dryers or fans, but kits can be made to include a selection of any of our products to meet almost any domestic ventilation requirement.

## Hoses

We manufacture and supply flexible PVC and flexible, semi rigid and insulated aluminium hoses using unique technology

for maximum quality and efficiency. We can supply in many diameters and lengths.

All the Verplas systems include a wide range of connectors, bends and adaptors which allow the installer to build almost any configuration. In addition we have a wide range of alternative colour and design choices for the outside wall terminal. We have also recently introduced a range of FireWraps and FireCuffs in all the popular duct sizes which are used to prevent the spread of fire from one room to another.

## Choosing the right system

The choice of ducting system will depend on a number of factors including: the power of the cooker hood or fan to be connected to, its location, the configuration of the duct run, the space available and others.

Actual dimensions	System	Space requirement
For a shallow space, such as ceiling void or under floor, where high extraction rates are not needed:		
308 x 29	System 300	314 x 35
234 x 29	System 225	240 x 35
For high powered cooker hoods:		
180 x 95	System 150	186 x 101
204 x 60	System 204	210 x 66
For medium extraction rates or if available depth is limited:		
150 x 70	System 125	156 x 76
For 4" extractor fans or for low powered hoods:		
110 x 54	System 100	116 x 60

Notes: The dimensions for space requirements are only a guideline to allow for the wall thickness of the externally fitting components.

To accurately calculate the efficiency of a system we can supply pressure loss figures for all our components, together with advice as to how to use them.



*The technology behind the lifestyle.*

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