



erplas

LIMITED



British Manufacturing since 1986



Contents

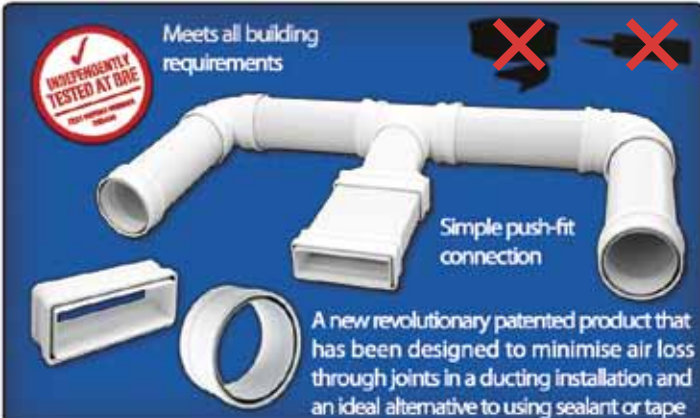

Page

About Us	4
System 100: 110 x 54mm Rectangular Ducting and Fittings	5-7
System 125: 150 x 70mm Rectangular Ducting and Fittings	8-9
System 150: 180 x 95mm Rectangular Ducting and Fittings	10-11
System 204: 204 x 60mm Rectangular Ducting and Fittings	12-15
System 220: 220 x 90mm Rectangular Ducting and Fittings	16-18
System 225: 234 x 29mm Rectangular Ducting and Fittings	19-21
System 300: 308 x 29mm Rectangular Ducting and Fittings	22-24
System 100: 100mm Round Ducting and Fittings	25-29
System 125: 125mm Round Ducting and Fittings	30-34
System 150: 150mm Round Ducting and Fittings	35-39

	Page
Verplas Self-Seal Couplings	40
Verplas Fire Stop Products & Accessories	41-45
Verplas Pre-Insulated Ducting & Accessories	46-49
Verplas Ducting Kits	51
Verplas PVC & Aluminium Flexible Hoses	52-56
Verplas Adaptors & Accessories	57-59

Verplas offer a variety of downloadable Technical Data Sheets, Installation Guides and Test Reports on our website. Visit us on: www.verplas.co.uk

Alternatively you can contact our very knowledgeable Sales Team, who will be more than happy to help. The Sales Office opening hours are Monday – Friday, 8.30am-5.00pm.

<p>For more information see page 40</p> <p>Verplas Self-Seal Couplings</p>  <p>Meets all building requirements</p> <p>Simple push-fit connection</p> <p>A new revolutionary patented product that has been designed to minimise air loss through joints in a ducting installation and an ideal alternative to using sealant or tape</p>	<p>For more information see page 16</p> <p>Verplas System 220 Ducting</p>  <p>Perfect for commercial installations</p> <p>Ideal for large capacity cooker hoods</p> <p>Suitable for high performance systems</p> <p>The Verplas System 220 range has comparable airflow performance to the 150mm Round Duct but is designed to be low profile to fit in between ceilings and floor slabs or can be concealed on top of kitchen wall units.</p>
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Leaders in Ventilation, serving a global market

Verplas Limited 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 and engineering expertise to design and manufacture our own product ranges.

This extrusion division initially traded as VPE and specialised in the production of round pipes, rectangular ducts, rigid and flexible profiles and multi cavity boarding.

In 2005, the amalgamation of VPE into Verplas enabled the Company to combine considerable skills and knowledge to ensure continuous product development, such as point of sale packaging for DIY trade and retail, Semi-Rigid Aluminium Ducting and a new range of fully tested and certificated Fire Stop Products.

Our most recent acquisition and site expansion has allowed us to set up our own Injection Moulding Shop where we manufacture the fittings and accessories for our own comprehensive ducting range.

We can therefore offer an Extrusion and Injection Moulding service with extrusion lines from 45mm Single Screw to 90mm Twin Screws and Moulding Machines from 22 tonnes to 520 tonnes.

In 2013, we designed and introduced a new and revolutionary product, which has a patent pending and is known as the Verplas Self-Seal Coupling. This breakthrough in ventilation technology is simple, innovative and minimises air loss in ducting installations without the need for sealant and tape.

In 2014, we launched our System 220 Ducting Range, which has been specially designed to meet the increasing demand for larger plastic ducting systems, for higher flowrates and lower pressure loss.

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.

Should you have a requirement for Ventilation Ducting or Plastic Extrusions and Mouldings, please contact us and we will do our very best to help.

Technical Information The Building Regulations

Document F of the Building Regulations give practical guidance for the provision of adequate ventilation in dwellings. The aim of these regulations is to ensure that the accumulation of moisture and pollutants in a building are restricted so that they do not become a hazard to health and a threat to the structure of the building.



The tables below summarise the local extract rates and whole building ventilation rates required. To understand all the alternatives fully, a copy of Document F should be obtained or please contact Verplas for further information.

Table 1: Local extract ventilation rates

Room	Minimum intermittent extract rates	Continuous extract	
		Minimum high rate	Minimum low rate
Kitchen	30 l/s (adjustment to hot/cold or 60 l/s (low/high))	13 l/s	Total extract rate must be at least the whole building ventilation rate in table 2
Utility room	30 l/s	8 l/s	
Bathroom	15 l/s	8 l/s	
Sanitary accommodation	6 l/s		

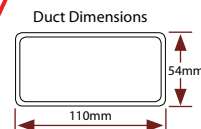
Table 2: Whole building ventilation rates

Whole Building Ventilation rate (l/s)	Number of bedrooms in dwelling				
	1	2	3	4	5
	13	17	21	25	29
	Minimum value in any dwelling of 0.3 l/s per m ² internal floor area				

Based on two occupants in the main bedroom and a single occupant in all other bedrooms. This should be used as default value. If greater level of occupancy is expected, then add 4 l/s per occupant.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 110 x 54mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



The 110 x 54mm Rectangular Ducting is especially designed for short duct runs that are concealed above wall units or in ceiling voids due to its low profile. This specific system is ideal for installations which require lower extraction rates such as bathrooms, toilets and utility rooms.

	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC249	1m Flat Channel (110 x 54mm)	5,424	2.21	8.56	33.10
	VKC240	1.5m Flat Channel (110 x 54mm)	5,424	3.32	12.84	49.65
VKC297	2m Flat Channel (110 x 54mm)	5,424	4.42	17.12	66.20	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC235	Flat Channel Straight Connector (110 x 54mm)	N/A	0.03	1.40	6.30	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC230	Flat Channel Clip (110 x 54mm)	N/A	N/A	N/A	N/A	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC228	Equal T Piece (110 x 54mm)	N/A	N/A	N/A	N/A	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC238	Horizontal 90° Bend (110 x 54mm)	N/A	9.80	39.80	161.90	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC239	Vertical 90° Bend (110 x 54mm)	N/A	15.60	62.80	252.70	

System 100: 110 x 54mm Rectangular Ducting & Fittings

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 110 x 54mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

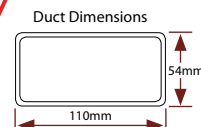
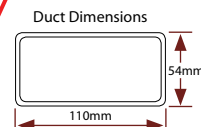


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC227	Horizontal 45° Bend (110 x 54mm)	N/A	3.66	15.53	65.83
	VKC226	Vertical 45° Bend (110 x 54mm)	N/A	2.57	12.72	62.99
	VKC229	Flexible Bend (110 x 54mm)	N/A	N/A	N/A	N/A
	VKC237	Male 90° Elbow Bend (110 x 54mm to 100mm Ø)	N/A	8.10	33.10	136.40
	VKC236	Female 90° Elbow Bend (110 x 54mm to 100mm Ø)	N/A	8.10	33.10	136.40
	VKC253F	Offset Straight Round to Rectangular Adapter (110 x 54mm to 100mm Ø)	N/A	3.70	14.60	58.00
	VKC207	Short Male Round to Rectangular Adapter (110 x 54mm to 100mm Ø)	N/A	4.80	20.40	86.20
	VKC241	Short Female Round to Rectangular Adapter (110 x 54mm to 100mm Ø)	N/A	4.80	20.40	86.20
	VKC206	Rectangular Wall Plate (110 x 54mm)	N/A	N/A	N/A	N/A


Technical Information


- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 110 x 54mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC247	Airbrick Adapter (209 x 64mm to 110 x 54mm)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC704	Airbrick Grille (210 x 65mm)	7,680	6.00	18.40	71.90
VKC714	Airbrick Grille with Surround (230 x 85mm)	7,680	6.00	18.40	71.90	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC233 Add F/S for Flyscreen	Rectangular Louvred Grille (110 x 54mm)	2,600	15.00	48.10	186.90

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC231	Rectangular Gravity Outlet (110 x 54mm)	5,800	4.81	15.71	51.40

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC232	Rectangular Cowl with Non-Return Flap (110 x 54mm)	5,800	8.35	30.42	110.82

Purchasing System 110 x 54mm?

Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Rectangular PVC Hose
(page 52-55)



Rectangular Ducting Kits
(page 51)



Ducting Accessories
(page 57-59)

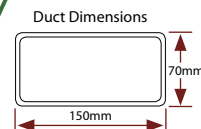


Did you know

Verplas supplies seven rectangular rigid systems to meet almost any requirement.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 150 x 70mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK



The 150 x 70mm Rectangular Ducting was specially designed for installing with medium capacity cooker hoods. This specific system is ideal to use in Kitchens and Bathrooms and can easily be concealed above wall units or ceiling voids.


	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC604	1m Flat Channel (150 x 70mm)		9,674	15 l/s	30 l/s
				0.61	1.95	6.23

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC608	Flat Channel Connector (150 x 70mm)		N/A	15 l/s	30 l/s
				0.10	0.44	1.95

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC610	Flat Channel Clip (150 x 70mm)		N/A	15 l/s	30 l/s
				N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC605	90° Horizontal Bend (150 x 70mm)		N/A	15 l/s	30 l/s
				2.55	8.32	27.15

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC612	90° Vertical Bend (150 x 70mm)		N/A	15 l/s	30 l/s
				1.62	5.52	18.83

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC627	Flexible Bend (150 x 70mm)		N/A	15 l/s	30 l/s
				N/A	N/A	N/A



Did you know

Choosing the right system will ensure efficient operation of the fan or cooker hood.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 150 x 70mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

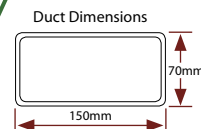





Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
 M F W W	VKC606	Male 90° Elbow Bend (150 x 70mm to 125mm Ø)	N/A	0.39	1.50	5.76
	VKC607	Female 90° Elbow Bend (150 x 70mm to 125mm Ø)	N/A	0.39	1.50	5.76
 W	VKC613	Straight Round to Rectangular Adapter (150 x 70mm to 125mm Ø)	N/A	0.62	2.51	10.10
	VKC601	Rectangular Wall Plate (150 x 70mm)	N/A	N/A	N/A	N/A
 W B BE T	VKC616R	Airbrick (150 x 70mm)	4,114	23.66	44.40	100.39

Purchasing System 150 x 70mm? Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Rectangular PVC Hose
(page 52-55)



Rectangular Ducting Kits
(page 51)



Ducting Accessories
(page 57-59)

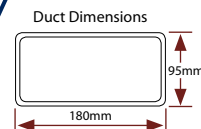


Did you know







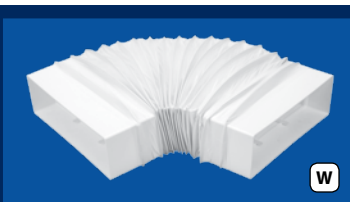
Airflow performance independently tested by BSRIA or BRE.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 180 x 95mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK



The 180 x 95mm Rectangular Ducting is exclusively designed for installing with medium to high capacity cooker hoods. This particular System is ideally used in Kitchens and Bathrooms because it has one of the largest cross sections in our wide range of Rectangular Ducting Systems.

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC651	1m Flat Channel (180 x 95mm)	16,233	0.19	0.62	2.01
	VKC652	Flat Channel Connector (180 x 95mm)	N/A	0.12	0.38	1.21
	VKC664	Flat Channel Clip (180 x 95mm)	N/A	N/A	N/A	N/A
	VKC654	90° Horizontal Bend (180 x 95mm)	N/A	0.68	2.52	9.32
	VKC653	90° Vertical Bend (180 x 95mm)	N/A	0.36	1.13	3.53
	VKC676	Flexible Bend (180 x 95mm)	N/A	N/A	N/A	N/A



Did you know

The Flat Channels and Round Pipes can be easily cut to length with a saw.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 180 x 95mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

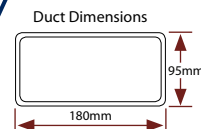


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
 W	VKC655	90° Elbow Bend (180 x 95mm to 150mm Ø)	N/A	0.68	2.79	11.48
 W	VKC650	Straight Round to Rectangular Adapter (180 x 95mm to 150mm Ø)	N/A	0.21	0.85	3.52
 W	VKC657	Rectangular Wall Plate (180 x 95mm)	N/A	N/A	N/A	N/A
 W B BE T	VKC662	Airbrick White with Flap (180 x 95mm)	6,313	17.33	25.49	72.67

Purchasing System 180 x 95mm? Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Rectangular Ducting Kits
(page 51)



Ducting Accessories
(page 57-59)

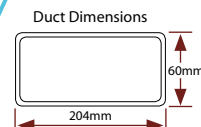


Did you know

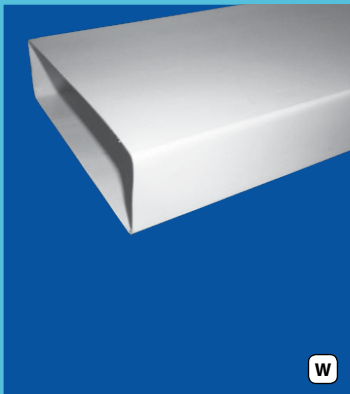
Four outlet colours are available to complement external wall finish.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 204 x 60mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

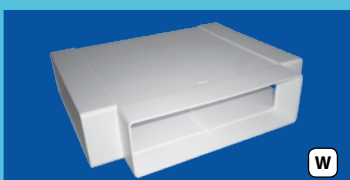


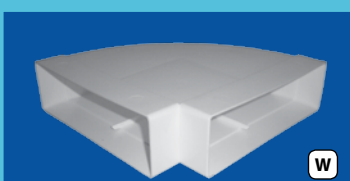
The 204 x 60mm Rectangular Ducting System is one of the most popular system sizes used in the market today. The low profile geometry of the system means that it can be easily concealed where space is restricted whilst still retaining the ability to handle high extraction rates. The 204 x 60mm Rectangular System is most commonly used for whole house ventilation and heat recovery installations whilst still remaining a good choice for single extract requirements such as Kitchens, Bathrooms and Utility rooms.


	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5604	1m Flat Channel (204 x 60mm)	11,452	0.54	1.97	7.21
	VKC5628	1.5m Flat Channel (204 x 60mm)	11,452	0.81	2.96	10.82
VKC5629	2m Flat Channel (204 x 60mm)	11,452	1.08	3.94	14.42	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC5608	Flat Channel Straight Connector (204 x 60mm)	N/A	0.10	0.29	1.06	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC5610	Flat Channel Clip (204 x 60mm)	N/A	N/A	N/A	N/A	

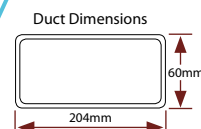
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC5630	Horizontal T Piece (204 x 60mm)	N/A	N/A	N/A	N/A	

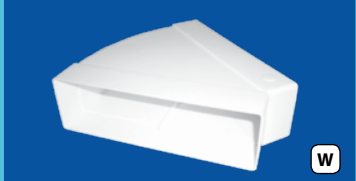
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC5605	Horizontal 90° Bend (204 x 60mm)	N/A	1.82	7.46	30.60	


	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC5612	Vertical 90° Bend (204 x 60mm)	N/A	1.14	4.52	17.94	


Technical Information

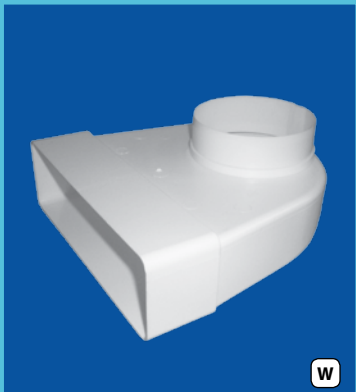
- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 204 x 60mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK

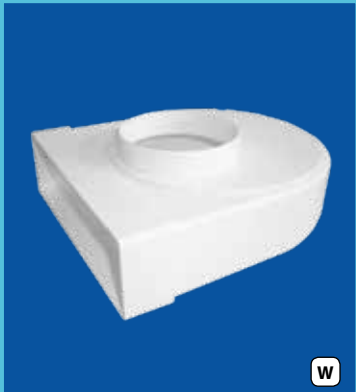


	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5616	Horizontal 45° Bend (204 x 60mm)	N/A	0.55	2.71	13.22

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5617	Vertical 45° Bend (204 x 60mm)	N/A	0.55	2.71	13.36

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5627	Flexible Bend (204 x 60mm)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5644	Elbow Bend with 100mm Fixed Spigot (204 x 60mm)	N/A	1.40	5.30	19.90
	VKC5645	Elbow Bend with 125mm Fixed Spigot (204 x 60mm)	N/A	1.70	6.90	27.10
VKC5646	Elbow Bend with 150mm Fixed Spigot (204 x 60mm)	N/A	1.80	7.40	29.80	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5625	Elbow Bend with 100mm Rotating Spigot (204 x 60mm)	N/A	2.35	8.71	32.30
	VKC5606	Elbow Bend with 125mm Rotating Spigot (204 x 60mm)	N/A	1.60	6.28	24.69
VKC5626	Elbow Bend with 150mm Rotating Spigot (204 x 60mm)	N/A	1.46	5.85	23.46	

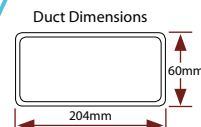


Did you know

Airbricks provide a simple option for installation in brick walls. They are easy to fit as the building goes up or in existing walls where a brick is relatively easy to remove.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 204 x 60mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5613	Straight Round to Rectangular Adapter 125mm (204 x 60mm to 125mm Ø)		N/A	15 l/s	30 l/s
	VKC5615	Straight Round to Rectangular Adapter 100mm (204 x 60mm to 100mm Ø)	N/A	6.70	21.30	84.70
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5643	Adapter to System 220 (204 x 60 to 220 x 90) (204 x 60mm)		N/A	0.8	4.2
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5637	T Piece with 125mm Rotating Spigot (204 x 60mm to 125mm Ø)		N/A	N/A	N/A
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5601	Rectangular Wall Plate (204 x 60mm)		N/A	N/A	N/A
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5631	Single Airbrick (204 x 60mm)		7,680	6.50	18.40
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5635	Airbrick with fitted Grille and Surround (204 x 60mm)		7,680	6.50	18.40
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC5633	Double Airbrick Adapter (204 x 60mm)		11,200	N/A	N/A

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 204 x 60mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

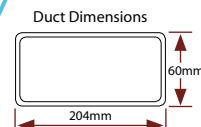
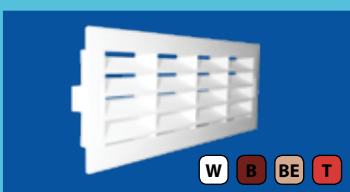
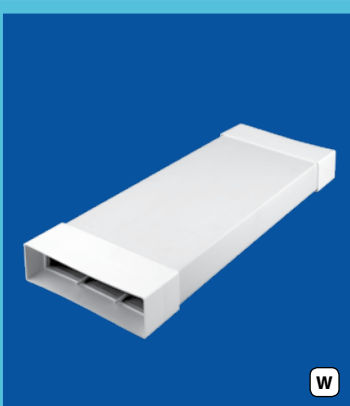


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC5633G	Double Airbrick Adapter (204 x 60mm with Grilles fitted)	15,360	0.90	3.30	8.40
	VKC704	Airbrick Grille	7,680	6.00	18.40	71.90
	VKC714	Airbrick Grille with Surround	7,680	6.00	18.40	71.90
	VKC5660	500mm Ducting Silencer (204 x 60mm)	5,264	10.5	18.5	100.0
	VKC5661	1m Ducting Silencer (204 x 60mm)	5,264	10.4	17.2	107.0
	VKC5662	1.5m Ducting Silencer (204 x 60mm)	5,264	8.2	23.5	107.0
	VKC5663	500mm Hi-Flow Ducting Silencer (204 x 60mm)	11,664	1.5	7.8	28.0
	VKC5664	1m Hi-Flow Ducting Silencer (204 x 60mm)	11,664	1.8	8.0	27.8
	VKC5665	1.5m Hi-Flow Ducting Silencer (204 x 60mm)	11,664	2.0	9.3	28.0

Purchasing System 204 x 60mm?

Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)

Rectangular PVC Hose
(page 51-55)

Rectangular Ducting Kits
(page 51)

Pre-Insulated Ducting
(page 46-49)

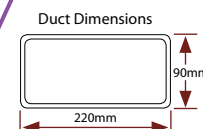
Self-Seal Couplings
(page 40)

Ducting Accessories
(page 57-59)



Technical Information

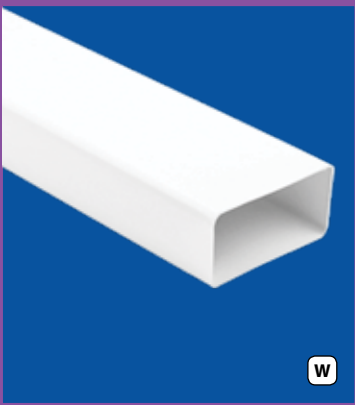
- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 220 x 90mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



This System has been designed specifically to meet the increasing demand for larger plastic ducting systems which allows higher flowrates and increased air movements as required by the latest market trends.


The 220 x 90mm Rectangular Ducting is suitable for high output cooker hood extractors and whole house ventilation systems including mechanical ventilation and heat recovery systems in houses, apartments and offices.


The Verplas System 220 range has comparable airflow performance to the 150mm Round Duct, but is designed to be low profile to fit in between ceilings and floor slabs or can be concealed on top of kitchen wall units.

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
	VKC5704	1m Flat Channel (220 x 90mm)	18,545	1.2	3.9	8.1
	VKC5728	1.5m Flat Channel (220 x 90mm)	18,545	1.7	5.9	12.2
VKC5729	2m Flat Channel (220 x 90mm)	18,545	2.3	7.8	16.3	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
VKC5708	Flat Channel Straight Connector (220 x 90mm)	N/A	0.0	0.2	0.7	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
VKC5730	Horizontal T Piece (220 x 90mm)	N/A	N/A	N/A	N/A	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
VKC5727	Flexible Bend (220 x 90mm)	N/A	N/A	N/A	N/A	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
VKC5705	Horizontal 90° Bend (220 x 90mm)	N/A	7.3	29.5	66.6	

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 220 x 90mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

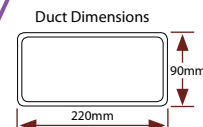


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
	VKC5712	Vertical 90° Bend (220 x 90mm)	N/A	6.2	24.1	53.3
	VKC5716	Horizontal 45° Bend (220 x 90mm)	N/A	2.4	9.0	19.6
	VKC5717	Vertical 45° Bend (220 x 90mm)	N/A	1.9	6.5	13.7
	VKC5725	Elbow Bend with 100mm Fixed Spigot (220 x 90mm)	N/A	N/A	N/A	N/A
	VKC5706	Elbow Bend with 125mm Fixed Spigot (220 x 90mm)	N/A	23.0	90.2	202.1
	VKC5726	Elbow Bend with 150mm Fixed Spigot (220 x 90mm)	N/A	10.6	41.8	94.1
	VKC5713	Round 150mm to Rectangular Adapter (220 x 90mm to 150mm Ø)	N/A	1.7	5.4	10.8
	VKC5643	Adapter to System 204 (204 x 60 to 220 x 90) (220 x 90mm)	N/A	14.7	50.6	105.8
	VKC5733	Airbrick Adapter (220 x 90mm)	N/A	N/A	N/A	N/A

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 220 x 90mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

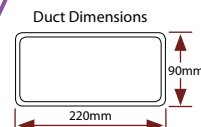


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
	VKC5733G	Airbrick Adapter with fitted Grilles (220 x 90mm)	15,360	8.5	33.7	75.4
	VKC5756	System 220 Airbrick Reducer Reduces System 220 Entry to System 204 Entry	N/A	N/A	N/A	N/A
	VKC704	Airbrick Grille	7,680	6.00	18.40	71.90
	BANDPB	12mm x 10m Black PVC Coated Galv Banding	N/A	N/A	N/A	N/A
	BANDGALV	12mm x 10m Galvanised Banding	N/A	N/A	N/A	N/A
	VKC5760	500mm Ducting Silencer (220 x 90mm)	11,664	11.7	45.5	101.5
	VKC5761	1m Ducting Silencer (220 x 90mm)	11,664	13.8	53.4	118.0
	VKC5762	1.5m Ducting Silencer (220 x 90mm)	11,664	17.0	64.0	140.0

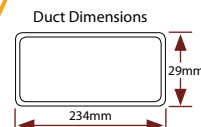


Did you know

When installing System 220 use the Galvanised Banding for a secure fitting.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 234 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



The 234 x 29mm Rectangular Ducting is designed to be fitted into spaces which have very little depth. It is ideally installed into ceiling voids, within walls or floor spaces.

	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC706	1m Flat Channel (234 x 29mm)	5,575	5.53	17.96	58.40
VKC707	2m Flat Channel (234 x 29mm)	5,575	11.06	35.90	116.80	
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC700	Flat Channel Straight Connector (234 x 29mm)	N/A	0.05	0.26	6.70
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC701	Horizontal 90° Bend (234 x 29mm)	N/A	10.27	38.05	141.00
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC710	Vertical 90° Bend (234 x 29mm)	N/A	5.45	19.91	72.70
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC711	Horizontal 45° Bend (234 x 29mm)	N/A	7.50	26.41	93.03
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC709	Vertical 45° Bend (234 x 29mm)	N/A	6.10	21.12	73.12
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC705	Support Clip (234 x 29mm)	N/A	N/A	N/A	N/A

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 234 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

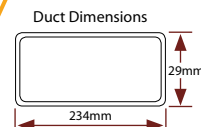


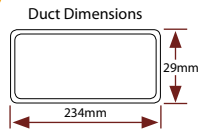
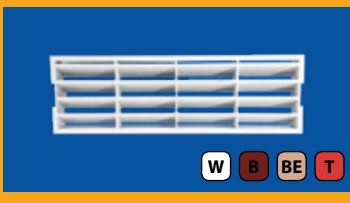
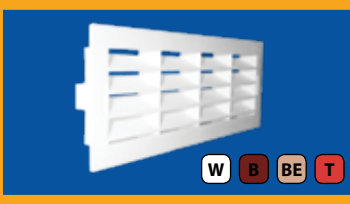




Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC702	90° Elbow Bend Plenum (234 x 29mm to 100mm Ø)	N/A	11.08	38.22	132.45
	VKC708	Straight Rectangular to Round 100mm Adapter (234 x 29mm to 100mm Ø)	N/A	4.56	16.11	56.90
	VKC756	Increasing Adapter to System 300 (234 x 29mm to 308 x 29mm)	N/A	3.50	12.80	38.70
	VKC703	Airbrick Adapter (234 x 29mm)	N/A	N/A	N/A	N/A
	VKC703G	Airbrick Adapter with Airbrick Grille (234 x 29mm)	7,680	7.10	25.10	100.00
	VKC712	Double Airbrick Adapter (234 x 29mm)	N/A	N/A	N/A	N/A
	VKC712G	Double Airbrick Adapter (234 x 29mm with Grilles fitted)	15,360	5.70	19.90	80.00

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 234 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC704	Airbrick Grille		7,680	15 l/s	30 l/s
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	VKC714	Airbrick Grille with Surround		7,680	15 l/s	30 l/s
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	BANDPB	12mm x 10m Black PVC Coated Galv Banding		N/A	15 l/s	30 l/s
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
	BANDGALV	12mm x 10m Galvanised Banding		N/A	15 l/s	30 l/s

Purchasing System 234 x 29mm? Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)

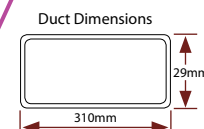


Did you know

The system 225 and 300 are designed for where larger ducts cannot be fitted.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 310 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK



The 310 x 29mm Rectangular Ducting, much like the 234 x 29mm, is designed to be fitted into spaces which have very little depth. It is ideally installed into ceiling voids, within walls or floor spaces.

	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC754	1m Flat Channel (310 x 29mm)	7,400	2.77	8.35	25.11
	VKC755	2m Flat Channel (310 x 29mm)	7,400	5.54	16.70	50.22
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC750	Flat Channel Straight Connector (310 x 29mm)	N/A	0.30	1.17	4.59
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC751	Horizontal 90° Bend (310 x 29mm)	N/A	4.61	16.77	61.06
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC758	Vertical 90° Bend (310 x 29mm)	N/A	3.09	11.48	42.62
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC759	Horizontal 45° Bend (310 x 29mm)	N/A	4.59	16.05	56.17
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC757	Vertical 45° Bend (310 x 29mm)	N/A	3.63	12.07	40.08
	Product Code	Product Description	Free Area mm²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC705	Support Clip (310 x 29mm)	N/A	N/A	N/A	N/A

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 308 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

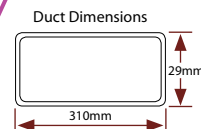


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC752	90° Elbow Bend Plenum (310 x 29mm to 100mm Ø)	N/A	3.19	13.17	54.42
	VKC756	Reducing Adapter to System 225 (310 x 29mm)	N/A	3.50	12.80	38.70
	VKC753	Airbrick Adapter (310 x 29mm)	N/A	N/A	N/A	N/A
	VKC753G	Airbrick Adapter (310 x 29mm with Grille fitted)	7,680	7.84	25.85	102.07
	VKC704	Airbrick Grille	7,680	6.00	18.40	71.90
	VKC714	Airbrick Grille with Surround	7,680	6.00	18.40	71.90

Purchasing System 310 x 29mm? Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Ducting Accessories
(page 57-59)

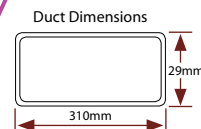



Did you know


Verplas aim to despatch the same day if orders are placed before 12 noon.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 308 x 29mm
- Flat Channel Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK



	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	BANDPB	12mm x 10m Black PVC Coated Galv Banding	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	BANDGALV	12mm x 10m Galvanised Banding	N/A	N/A	N/A	N/A

Actual Dimensions (mm)	System	Space Requirement (mm)
For a shallow space, such as ceiling void or under floor and when high extraction rates are not needed.		
310 x 29	System 300	316 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
220 x 90	System 220	226 x 96
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 on to how to use them.



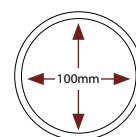
Did you know

Verplas supply lightweight plastics for economy in transport and ease of installation.

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 100mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK

Duct Dimensions



The System 100 Round Pipe provides superior airflow performance when compared with the System 100 Rectangular Duct and should always be considered as a first option if space allows. This system is suitable for small extractor fans and low powered cooker hoods and comes with an extensive range of fittings, outlets and grilles.

	Product Code Product Description Free Area mm²	Static Pressure Drop in Pascals (Pa)				
		15 l/s	30 l/s	60 l/s		
	VKC242	Round Pipe 350mm (100mm Ø)	7,855	0.18	0.50	1.09
	VKC250	Round Pipe 1 Metre (100mm Ø)	7,855	0.50	1.40	3.10
	VKC299	Round Pipe 1.5 Metre (100mm Ø)	7,855	0.75	2.10	4.65
VKC2992	Round Pipe 2 Metres (100mm Ø)	7,855	1.00	2.80	6.20	
	Product Code Product Description Free Area mm²	Static Pressure Drop in Pascals (Pa)				
		15 l/s	30 l/s	60 l/s		
EK0028	Round Pipe Straight Connector (100mm Ø)	N/A	0.90	4.20	20.40	
	Product Code Product Description Free Area mm²	Static Pressure Drop in Pascals (Pa)				
		15 l/s	30 l/s	60 l/s		
VKC303	Round Connector with Damper (100mm Ø)	N/A	25.0	44.9	101.6	
	Product Code Product Description Free Area mm²	Static Pressure Drop in Pascals (Pa)				
		15 l/s	30 l/s	60 l/s		
VKC304C	Round Pipe Fixing Clip (100mm Ø)	N/A	N/A	N/A	N/A	
	Product Code Product Description Free Area mm²	Static Pressure Drop in Pascals (Pa)				
		15 l/s	30 l/s	60 l/s		
VKC300	Round Elbow 90° Bend (100mm Ø)	N/A	5.60	21.10	80.10	

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 100mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions

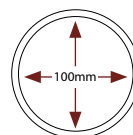
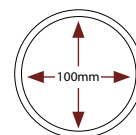


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC301	Round Elbow 45° Bend (100mm Ø)	N/A	2.10	8.20	31.40
	VKC302	Round Equal T Piece (100mm Ø)	N/A	N/A	N/A	N/A
	VKC3400	Round Y Piece (100mm Ø)	N/A	N/A	N/A	N/A
	VKC19	Round Wall Plate (100mm Ø)	N/A	N/A	N/A	N/A
	VKC434	100/110mm Condensation Trap with Overflow (100mm Ø)	N/A	N/A	N/A	N/A
	VKC307	Round Telescopic Pipe 200-350mm with Reducing Ring (100mm Ø)	N/A	N/A	N/A	N/A
	VKC306F	Round Ceiling Vent Diffuser with Fixing Ring (100mm Ø)	N/A	N/A	N/A	N/A
	VKC603	125mm to 100mm Reducer (125mm to 100mm Ø)	N/A	1.50	5.90	24.00

Technical Information

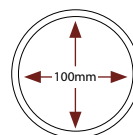
- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 100mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions




 W	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC437	150mm to 100mm Reducer (150mm to 100mm Ø)		N/A	15 l/s	30 l/s	60 l/s
 W	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC10	Male Threaded Hose Connector (100mm Ø)		N/A	15 l/s	30 l/s	60 l/s
	VKC11	Female Threaded Hose Connector (100mm Ø)		N/A	N/A	N/A	N/A
 W B	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC256	Round Grille with Flyscreen (100mm Ø)		4,007	15 l/s	30 l/s	60 l/s
 W B BE T	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC244 Add F/S for Flyscreen	Louvred Grille Round Spigot (100mm Ø)		3,809	15 l/s	30 l/s	60 l/s
 W B BE T	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC243	Gravity Outlet Round Spigot (100mm Ø)		7,200	15 l/s	30 l/s	60 l/s
 W B BE T	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VKC245	Cowled Outlet with Non-Return Flap Round Spigot (100mm Ø)		7,200	15 l/s	30 l/s	60 l/s
 W B BE T	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)			
	VVK200	High Rise Ventilator (100mm Ø)		6,499	15 l/s	30 l/s	60 l/s

Duct Dimensions



Technical Information


- Use: Multi-room extraction or supply
- Dimensions: 100mm
- Grille Colour: **W** **S**
- Airflow: Adjustable on Valves
- Grille Material: White Coated Metal or Stainless
- Stainless Steel Grade: 304

 S	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	SS100	Stainless Steel Bull-Nose Vent with Louvres (100mm Ø)	N/A	6.40	22.40	40.70

 S	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	SS101	Stainless Steel Bull-Nose Vent with Wire Grille (100mm Ø)	N/A	3.60	12.00	22.80

 S	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	SS102	Stainless Steel Wall Outlet with Gravity Flaps (100mm Ø)	N/A	17.60	28.00	34.00

 S	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	SS103	Stainless Steel Cowled Outlet with Non-Return Flap (100mm Ø)	N/A	8.40	14.00	20.00

 S	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	SS104	Stainless Steel Ceiling Exhaust and Supply Valve (100mm Ø)	N/A	N/A	N/A	N/A

 W	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	MW104	White Powder-Coated Metal Ceiling Air Extract Valve (100mm Ø)	N/A	N/A	N/A	N/A

 W	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	MW105	White Powder-Coated Metal Ceiling Air Supply Valve (100mm Ø)	N/A	N/A	N/A	N/A



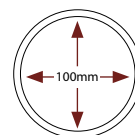
Did you know

Outlets are available with round or rectangular connections to fit directly to the duct size being installed.

Technical Information

- Fire Tested: BS EN 1365-2:1999
- Fire Rating: 60 Minutes
- Dimensions: 100mm
- Grille Material: White Coated Metal
- Grille Colour: **W**
- Adjustable Airflow

Duct Dimensions



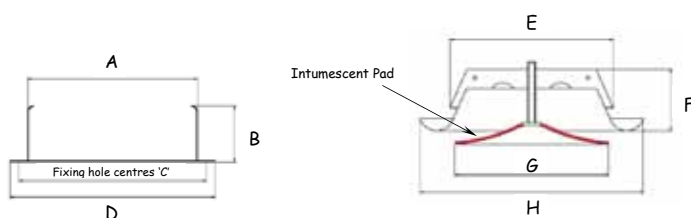
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	MW104FRE	Fire Rated Extract Valve (100mm Ø)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	60 m ³ /h	80 m ³ /h
	MW105FRS	Fire Rated Supply Valve (100mm Ø)	N/A	N/A	N/A	N/A



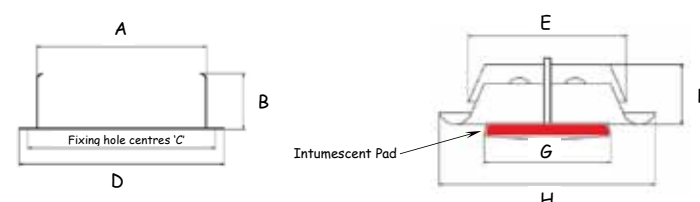
Supply Valves

Code	A	B	C	D	E	F	G	H			
MW105FRS	98.5	48	119	125.5	97.5	39	92	138	7	1568	282g
MW125FRS	124	47	144	150	122.5	46	112	164	7	1176	334g
MW155FRS	149	47	169	175	147.5	50	137.5	200	7	700	508g
MW205FRS	198	48	217	225	198	63	194	248	7	448	770g



Exhaust Valves

Code	A	B	C	D	E	F	G	H			
MW104FRE	98	47	118.5	125.5	97.5	40	75	139	7	1568	278g
MW124FRE	124	49	144	150	122	45	98	165	7	1176	390g
MW154FRE	149	45	169.5	175	148	50	118	201	7	700	539g
MW204FRE	197	48	218	225	197.5	63	157	248	7	448	763g



Purchasing System 100mm?

Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Round PVC & Aluminium Hose
(page 53-56)



Round Ducting Kits
(page 51)



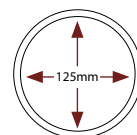
Ducting Accessories
(page 57-59)



Technical Information

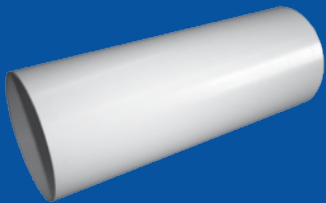
- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 125mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK


Duct Dimensions





The System 125 Round Pipe provides superior airflow performance when compared with the System 125 Rectangular Duct and should always be considered as a first option if space allows. For Round Pipes, it is the most popular size used in the market today and is ideal for long ducting runs for whole house ventilation, passive stack ventilation and Heat Recovery Systems.

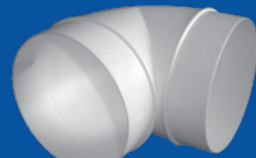
It is also suitable for similar sized extractor fans and medium to high powered cooker hoods and comes with an extensive range of fittings, outlets and grilles.

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC266	Round Pipe 350mm (125mm Ø)	12,273	0.07	0.25	0.67
	VKC267	Round Pipe 1 Metre (125mm Ø)	12,273	0.20	0.70	1.90
	VKC269	Round Pipe 1.5 Metre (125mm Ø)	12,273	0.30	1.05	2.85
VKC2692	Round Pipe 2 Metres (125mm Ø)	12,273	0.40	1.40	3.80	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC355	Round Pipe Straight Connector (125mm Ø)	N/A	0.20	0.90	4.30	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC353	Round Connector with Damper (125mm Ø)	N/A	18.30	31.50	61.70	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC354C	Round Pipe Fixing Clip (125mm Ø)	N/A	N/A	N/A	N/A	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC350	Round Elbow 90° Bend (125mm Ø)	N/A	2.00	8.40	34.90	

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 125mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions

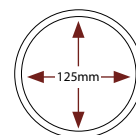
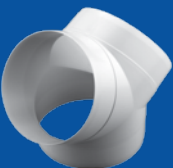


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC351	Round Elbow 45° Bend Connector (125mm Ø)	N/A	0.70	2.90	12.20
	VKC352	Round Equal T Piece (125mm Ø)	N/A	N/A	N/A	N/A
	VKC3500	Round Y Piece (125mm Ø)	N/A	N/A	N/A	N/A
	VKC618	Round Wall Plate (125mm Ø)	N/A	N/A	N/A	N/A
	VKC445	Condensation Trap with Overflow (125mm Ø)	N/A	N/A	N/A	N/A
	VKC357	Round Telescopic Pipe 200-350mm with Reducing Ring (125mm Ø)	N/A	N/A	N/A	N/A
	VKC356F	Round Ceiling Vent Diffuser with Fixing Ring (125mm Ø)	N/A	N/A	N/A	N/A

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 125mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions

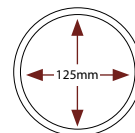


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC621	Offset Reducer (125mm Ø)	N/A	N/A	N/A	N/A
	VKC603	125mm to 100mm Reducer (125 to 100mm Ø)	N/A	1.50	5.90	24.00
	VKC619	150mm to 125mm Reducer (150 to 125mm Ø)	N/A	0.60	2.20	8.80
	VKC271	Threaded Hose Connector (125mm Ø)	N/A	N/A	N/A	N/A
	VKC617	Round Grille with Flyscreen (125mm Ø)	5,970	12.00	40.30	167.50
	VKC268	Louvred Grille Round Spigot (125mm Ø) Add F/S for Flyscreen	6,123	4.60	18.37	73.41
	VKC270	Gravity Outlet Round Spigot (125mm Ø)	11,600	6.43	9.91	11.25
	VKC289	Cowled Outlet with Non-Return Flap Round Spigot (125mm Ø)	6,560	5.24	19.83	74.99

Technical Information

- Use: Multi-room extraction or supply
- Dimensions: 125mm
- Grille Colour: **W** **S**
- Airflow: Adjustable on Valves
- Grille Material: White Coated Metal or Stainless
- Stainless Steel Grade: 304

Duct Dimensions

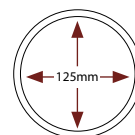
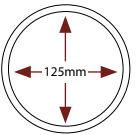


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				40 m ³ /h	90 m ³ /h	130 m ³ /h
 S	SS120	Stainless Steel Bull-Nose Vent with Louvres (125mm Ø)	N/A	5.60	29.40	62.70
 S	SS121	Stainless Steel Bull-Nose Vent with Wire Grille (125mm Ø)	N/A	1.20	6.40	14.70
 S	SS122	Stainless Steel Wall Outlet with Gravity Flaps (125mm Ø)	N/A	28.30	45.40	58.10
 S	SS123	Stainless Steel Cowled Outlet with Non-Return Flap (125mm Ø)	N/A	6.60	10.90	14.60
 S	SS124	Stainless Steel Ceiling Exhaust and Supply Valve (125mm Ø)	N/A	N/A	N/A	N/A
 W	MW124	White Powder-Coated Metal Ceiling Air Extract Valve (125mm Ø)	N/A	N/A	N/A	N/A
 W	MW125	White Powder-Coated Metal Ceiling Air Supply Valve (125mm Ø)	N/A	N/A	N/A	N/A

Technical Information

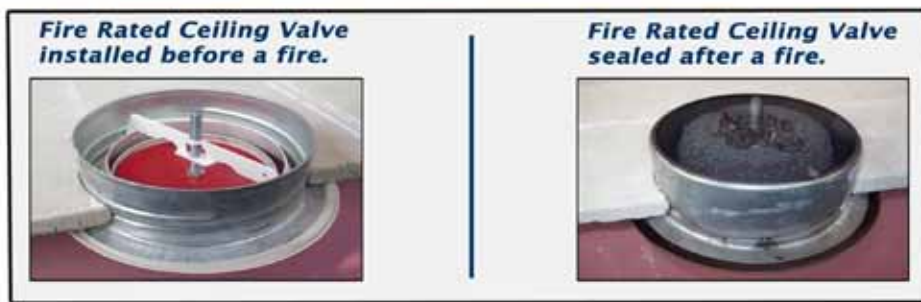
- Fire Tested: BS EN 1365-2:1999
- Dimensions: 125mm
- Grille Colour: **W**
- Fire Rating: 60 Minutes
- Valve Material: White Coated Metal
- Adjustable Airflow

Duct Dimensions



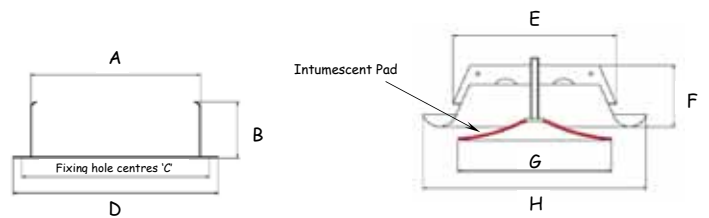
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				40 m ³ /h	90 m ³ /h	130 m ³ /h
MW124FRE	Fire Rated Extract Valve (125mm Ø)	N/A	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				40 m ³ /h	90 m ³ /h	130 m ³ /h
MW125FRS	Fire Rated Supply Valve (125mm Ø)	N/A	N/A	N/A	N/A	N/A



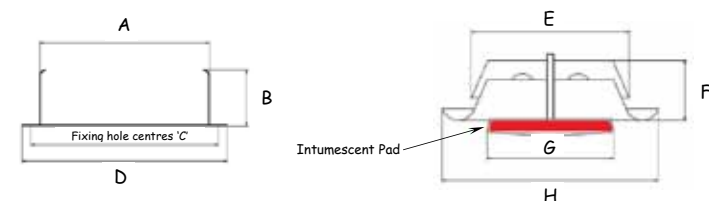
Supply Valves

Code	A	B	C	D	E	F	G	H			
MW105FRS	98.5	48	119	125.5	97.5	39	92	138	7	1568	282g
MW125FRS	124	47	144	150	122.5	46	112	164	7	1176	334g
MW155FRS	149	47	169	175	147.5	50	137.5	200	7	700	508g
MW205FRS	198	48	217	225	198	63	194	248	7	448	770g



Exhaust Valves

Code	A	B	C	D	E	F	G	H			
MW104FRE	98	47	118.5	125.5	97.5	40	75	139	7	1568	278g
MW124FRE	124	49	144	150	122	45	98	165	7	1176	390g
MW154FRE	149	45	169.5	175	148	50	118	201	7	700	539g
MW204FRE	197	48	218	225	197.5	63	157	248	7	448	763g



Purchasing System 125mm?

Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Round PVC & Aluminium Hose
(page 53-56)



Self-Seal Couplings
(page 40)



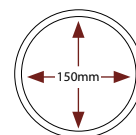
Ducting Accessories
(page 57-59)



Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 150mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: **W** **B** **BE** **T**
- Ducting Colour: **W**
- Country of Origin: UK

Duct Dimensions



The System 150 Round Pipe provides superior airflow performance when compared with the System 150 Rectangular Duct and should always be considered as a first option if space allows.

The 150mm Round Pipe is our most efficient ducting system and can be used for very high powered cooker hoods of 800 m³/h and above and long ducting runs where pressure drop needs to be minimised.

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC660	Round Pipe 350mm (150mm Ø)	17,673	0.04	0.14	0.42	
VKC670	Round Pipe 1 Metre (150mm Ø)	17,673	0.10	0.40	1.20	
VKC671	Round Pipe 1.5 Metre (150mm Ø)	17,673	0.15	0.60	1.80	
VKC673	Round Pipe 2 Metres (150mm Ø)	17,673	0.20	0.80	2.40	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC365	Round Pipe Straight Connector (150mm Ø)	N/A	0.10	0.20	1.10	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC363	Round Connector with Damper (150mm Ø)	N/A	13.60	23.50	43.60	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC442C	Round Pipe Fixing Clip (150mm Ø)	N/A	N/A	N/A	N/A	

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
VKC360	Round Elbow 90° Bend (150mm Ø)	N/A	1.00	4.20	18.20	

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 150mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions

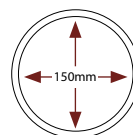
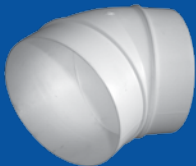
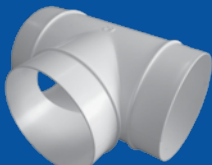
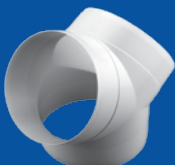

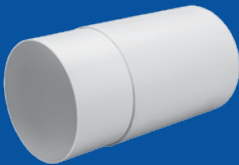

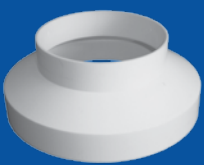


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC361	Round Elbow 45° Bend Connector (150mm Ø)	N/A	N/A	N/A	N/A
	VKC362	Round Equal T Piece (150mm Ø)	N/A	N/A	N/A	N/A
	VKC3600	Round Y Piece (150mm Ø)	N/A	N/A	N/A	N/A
	VKC661	Round Wall Plate (150mm Ø)	N/A	N/A	N/A	N/A
	VKC367	Round Telescopic Pipe 200-350mm with Reducing Ring (150mm Ø)	N/A	N/A	N/A	N/A
	VKC366F	Round Ceiling Vent Diffuser with Fixing Ring (150mm Ø)	N/A	N/A	N/A	N/A
	VKC437	150mm to 100mm Reducer (150 to 100mm Ø)	N/A	N/A	N/A	N/A
	VKC619	150mm to 125mm Reducer (150 to 125mm Ø)	N/A	0.60	2.20	8.80

Technical Information

- Maximum Temperature: +60°C
- Minimum Temperature: -15°C
- Dimensions: 150mm
- Round Pipe Material: UPVC
- Accessories Material: Polystyrene/Polypropylene
- Grille Colour: W B BE T
- Ducting Colour: W
- Country of Origin: UK

Duct Dimensions

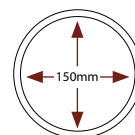


Image	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC678	180mm to 150mm Metal Reducer (180 to 150mm Ø)	N/A	N/A	N/A	N/A
 W	VKC436	200mm to 150mm Reducer (200 to 150mm Ø)	N/A	N/A	N/A	N/A
 W	VKC659	Threaded Hose Connector (150mm Ø)	N/A	N/A	N/A	N/A
 W B BE T	VKC275 Add F/S for Flyscreen	Louvred Grille Round Spigot (150mm Ø)	11,440	0.73	3.00	12.33
 W B BE T	VKC292	Gravity Outlet Round Spigot (150mm Ø)	16,000	6.91	8.76	11.10
 W B BE T	VKC280	Cowled Outlet with Non-Return Flap Round Spigot (150mm Ø)	N/A	N/A	N/A	N/A



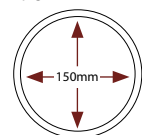
Did you know


The Cowled Outlet will need to be installed properly to the exterior of a wall and for the flap to be clipped in place before it can fully open and close by itself.


Technical Information

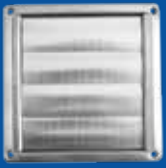
- Use: Multi-room extraction and supply
- Dimensions: 150mm
- Grille Colour: **W** **S**
- Airflow: Adjustable on Valves
- Grille Material: White Coated Metal or Stainless
- Stainless Steel Grade: 304

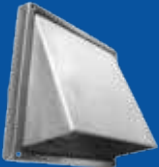
Spigot Dimensions

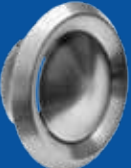


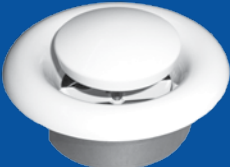
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	SS150	Stainless Steel Bull-Nose Vent with Louvres (150mm Ø)	N/A	5.60	28.00	60.00


	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	SS151	Stainless Steel Bull-Nose Vent with Wire Grille (150mm Ø)	N/A	2.00	18.40	41.60

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	SS152	Stainless Steel Wall Outlet with Gravity Flaps (150mm Ø)	N/A	28.50	93.70	132.10

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	SS153	Stainless Steel Cowled Outlet with Non-Return Flap (150mm Ø)	N/A	10.00	38.40	72.90

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	SS154	Stainless Steel Ceiling Exhaust and Supply Valve (150mm Ø)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	MW154	White Powder-Coated Metal Ceiling Air Extract Valve (150mm Ø)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
	MW155	White Powder-Coated Metal Ceiling Air Supply Valve (150mm Ø)	N/A	N/A	N/A	N/A



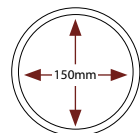
Did you know

Metal outlets and ceiling valves offer a durable and elegant alternative to plastic.

Technical Information

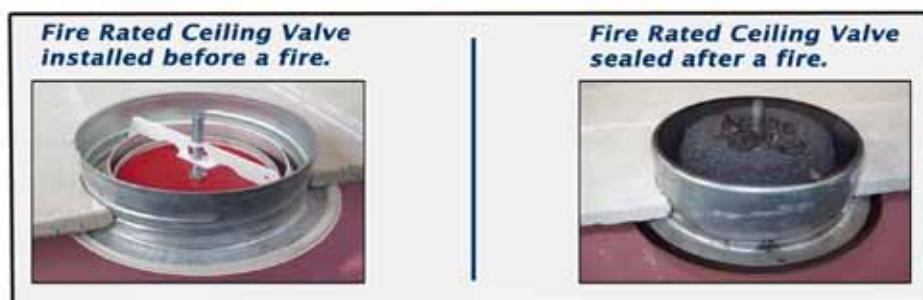
- Fire Tested: BS EN 1365-2:1999
- Fire Rating: 60 Minutes
- Dimensions: 150mm
- Valve Material: White Coated Metal
- Grille Colour: **W**
- Adjustable Airflow

Spigot Dimensions



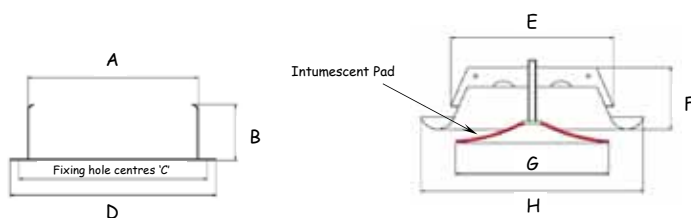
	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
MW154FRE	Fire Rated Extract Valve (150mm Ø)	N/A	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 m ³ /h	130 m ³ /h	190 m ³ /h
MW155FRS	Fire Rated Supply Valve (150mm Ø)	N/A	N/A	N/A	N/A	N/A



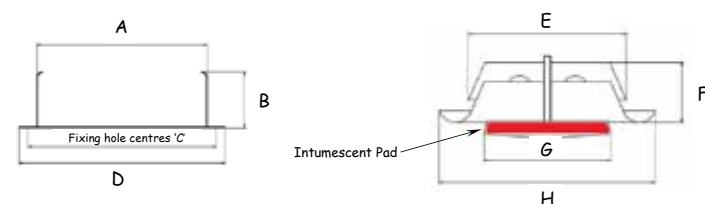
Supply Valves

Code	A	B	C	D	E	F	G	H			
MW105FRS	98.5	48	119	125.5	97.5	39	92	138	7	1568	282g
MW125FRS	124	47	144	150	122.5	46	112	164	7	1176	334g
MW155FRS	149	47	169	175	147.5	50	137.5	200	7	700	508g
MW205FRS	198	48	217	225	198	63	194	248	7	448	770g



Exhaust Valves

Code	A	B	C	D	E	F	G	H			
MW104FRE	98	47	118.5	125.5	97.5	40	75	139	7	1568	278g
MW124FRE	124	49	144	150	122	45	98	165	7	1176	390g
MW154FRE	149	45	169.5	175	148	50	118	201	7	700	539g
MW204FRE	197	48	218	225	197.5	63	157	248	7	448	763g



Purchasing System 150mm?

Why not take a look at these related products for this system:

Fire Stop Products
(page 41-45)



Pre-Insulated Ducting
(page 46-50)



Round Ducting Kits
(page 51)



Ducting Accessories
(page 57-59)




Verplas Self-Seal Couplings


The Verplas Self-Seal Coupling® eliminates the need for sealant and tape by ensuring that the air leakage in or out of the duct joint is kept to an absolute minimum.

This unique design provides consistent joint quality and integrity and couples conventional ducting and fittings together to form an almost airtight installation.

It significantly reduces installation time and can be removed and re-made for alteration, maintenance and cleaning.

The sealing ability of the couplings has been independently tested by the Building Research Establishment in Test Reports 285430, 691696, 288446, 291695, 691697 and 298279, which are available on request. Please note that the Verplas Self-Seal Couplings have been designed to suit Verplas ducting only.

	Product Code	Product Description	System Size	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VSSC125PF	Verplas Self-Seal Coupling 125mm Pipe to Fitting	125 Round	0.34	1.41	4.36

	Product Code	Product Description	System Size	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VSSC125PP	Verplas Self-Seal Coupling 125mm Pipe to Pipe	125 Round	0.18	0.55	1.65

	Product Code	Product Description	System Size	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VSSC204DF	Verplas Self-Seal Coupling 204x60mm Duct to Fitting	System 204	0.22	0.92	3.39
	VSSC204DD	Verplas Self-Seal Coupling 204x60mm Duct to Duct	System 204	0.34	1.17	3.20

	Product Code	Product Description	System Size	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VSSC220DF	Verplas Self-Seal Coupling 220x90mm Duct to Fitting	System 220	0.05	0.12	0.30
	VSSC220DD	Verplas Self-Seal Coupling 220x90mm Duct to Duct	System 220	0.03	0.06	0.10



Did you know

The Verplas Self-Seal Couplings are easy to install with no need for sealant or tape.

When ventilation ducting is installed and 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 and delayed from spreading for a time, to allow the occupants of the building to escape.

If ventilation ducting penetrates a Fire Rated separating element of construction, such as a wall, ceiling or floor slab, then a Fire Stop needs to be fitted around the ducting at the position of the penetration to maintain the fire resistance of the separating element.

The requirement for Fire Stops falls into two broad categories comprising Partition Walls and Masonry Walls and Floors. Verplas can offer a range of Fire Stops for these applications using Verplas FireWraps (FW) Verplas Galvanised Metal Sleeves (FWS) and Verplas FireCuffs (FC).


The most appropriate European Standard for penetrations in Partition Walls is BS EN 1366-3: 2009 and all of our partition products have been tested to this standard under the most stringent test conditions, with both ends of the ducting left open, giving the most realistic simulation of actual installed conditions. For Masonry Walls and Masonry or Concrete Floors, we have test evidence to BS 476 Parts 20 & 22.

The Fire Rating achieved for each product type is shown and copies of the full Fire Test Reports are available to view and download from our website, together with Technical Data Sheets and Installation Guides.

Verplas FireWraps

For Masonry Walls and Masonry or Concrete Floors. Tested to BS476 Parts 20 & 22.

Rectangular Ducting Systems

	Product Code	Product Description	Fire Rating
	FW110X54	Sys100 FireWrap Rectangular	2 Hours
	FW150X70	Sys125 FireWrap Rectangular	2 Hours
	FW180X90	Sys150 FireWrap Rectangular	2 Hours
	FW204X60	Sys204 FireWrap Rectangular	2 Hours
	FW220X90	Sys220 FireWrap Rectangular	60 Minutes
	FW225X29	Sys225 FireWrap Rectangular	2 Hours
	FW300X29	Sys300 FireWrap Rectangular	2 Hours

Round Ducting Systems

	Product Code	Product Description	Fire Rating
	FW100	Sys100 FireWrap Round	2 Hours
	FW125	Sys125 FireWrap Round	2 Hours
	FW150	Sys150 FireWrap Round	2 Hours

FireCuffs


The FireCuff range has been designed as an alternative to the FireWrap for wider masonry walls and masonry or concrete floors.

The Fire Rating achieved for each product type is shown and copies of the full Fire Test Reports are available to view and download from our website, together with Technical Data Sheets and Installation Guides.

Verplas FireCuffs

For Masonry Walls and Masonry or Concrete Floors. Tested to BS476 Parts 20 & 22 or BS EN 1366-3: 2009

Rectangular Ducting Systems

	Product Code	Product Description	Fire Rating
	FC110X54	Sys100 FireCuff Rectangular	2 Hours
	FC150X70	Sys125 FireCuff Rectangular	2 Hours
	FC204X60	Sys204 FireCuff Rectangular	2 Hours
	FC220X90	Sys220 FireCuff Rectangular	90 Minutes
	FC225X29	Sys225 FireCuff Rectangular	2 Hours
	FC300X29	Sys300 FireCuff Rectangular	2 Hours

Round Ducting Systems

	Product Code	Product Description	Fire Rating
	FC100X150	Sys100 FireCuff Round	2 Hours
	FC125TX180	Sys125 FireCuff Round	2 Hours
	FC150TX180	Sys150 FireCuff Round	2 Hours



Did you know

Relevant fire testing carried out independently by Chiltern International Fire Ltd.

Fire Stops for Partition Walls up to 132mm thickness

Verplas has developed a range of Fire Stops specifically for Partition Walls and comprising a mixture of FireCuffs, FireWraps with Galvanised Metal Sleeves and special Fire Stop Kits (FSK). These have been full scale Fire Tested to BS EN 1366-3: 2009 with both ends of the ducting left open, giving the most realistic test of fire behaviour under actual installed conditions.



The Galvanised Metal Sleeves are designed to meet all the concerns of Building Control and act as a through the wall housing for the FireWraps, ensuring that the intumescent reacts inwards in the event of a fire, which crushes the softened ducting and closes the aperture in the wall. The FireCuffs are restrained by a polyester reinforced aluminium foil and do not require a Galvanised Sleeve.

The Fire Rating achieved for each product type is shown and copies of the full Fire Test Reports are available to view and download from our website, together with Technical Data Sheets and Installation Guides.

Verplas Fire Stops


For Partition Walls up to 132mm thickness. Tested to BS EN 1366-3: 2009. Both Ends Open.

Rectangular Ducting Systems

FireWrap & Galvanised Sleeve	Product Code	Product Description	Fire Rating
	FWS110X54 + FWS110X54X141 FC110X54	Sys100 FireWrap & Galvanised Sleeve Sys100 FireCuff	2 Hours 2 Hours
	FWS150X70 + FWS150X70X141 FC150X70	Sys125 FireWrap & Galvanised Sleeve Sys125 FireCuff	2 Hours 2 Hours
	FWS180X90 + FWS180X90X141	Sys150 FireWrap & Galvanised Sleeve	2 Hours
	FWS204X60 + FWS204X60X141 FC204X60	Sys204 FireWrap & Galvanised Sleeve Sys204 FireCuff	2 Hours 2 Hours
	FWS220X90 + FWS220X90X141 FC220X90	Sys220 FireWrap & Galvanised Sleeve Sys220 FireCuff	60 Minutes 90 Minutes
	FWS225X29 + FWS225X25X141 FC225X29	Sys225 FireWrap & Galvanised Sleeve Sys225 FireCuff	2 Hours 2 Hours
	FWS300X29 + FWS300X25X141 FC300X29	Sys300 FireWrap & Galvanised Sleeve Sys300 FireCuff	2 Hours 2 Hours

Three Sided Kits

When Rectangular Ducting is fixed to the underside of a floor slab and passes through a Partition Wall.

	Product Code	Product Description	Fire Rating
	FCT110X54	Sys100 Three Sided FireCuff Kit	2 Hours
	FCT204X60	Sys125 Three Sided FireCuff Kit	2 Hours

Verplas Fire Stops

For Partition Walls up to 132mm thickness.
Tested to BS EN 1366-3: 2009. Both Ends Open.



Round Ducting Systems

Product Code	Product Description	Fire Rating
FW100 + FWS100X141	Sys100 FireWrap & Galvanised Sleeve	2 Hours
FC100X150	Sys100 FireCuff	2 Hours
FSK125W	Sys125 FireWrap Kit	60 Minutes
FSK125F	Sys125 Foiled FireWrap Kit	2 Hours
FC125X280	Sys125 FireCuff	2 Hours
FSK125C	Sys125 FireCuff Kit	90 Minutes
FSK150C	Sys150 FireCuff Kit	90 Minutes



Telescopic Fire Stop Kits

The Verplas Telescopic Fire Stop Kit is an effective Fire Stop option when installing ducting through a partition wall with thickness between 132mm to 208mm. The Telescopic Kit utilises a Verplas FireWrap fitted within a Telescopic Galvanised Metal Sleeve to ensure that the FireWrap is properly supported and contained, so that when the expansion of the intumescent material in the Firewrap moves inwards, it closes around the softened plastic duct in the event of a fire within the room.

Verplas Fire Stops

For Partition Walls between 132mm and 208mm thickness. Tested to BS EN 1366-3: 2009. Both Ends Open.

Rectangular Ducting Systems

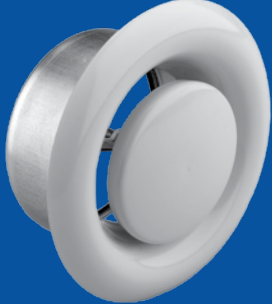



Product Code	Product Description	Fire Rating
FSK110X54	Sys100 Telescopic Fire Stop Kit	1 Hour
FSK150X70	Sys125 Telescopic Fire Stop Kit	1 Hour
FSK180X90	Sys150 Telescopic Fire Stop Kit	1 Hour
FSK204X60	Sys204 Telescopic Fire Stop Kit	1 Hour
FSK220X90	Sys220 Telescopic Fire Stop Kit	1 Hour
FSK225X29	Sys225 Telescopic Fire Stop Kit	1 Hour
FSK300X29	Sys300 Telescopic Fire Stop Kit	1 Hour

Fire Rated Ceiling Valves


The Verplas Fire Rated Ceiling Valves have been fire tested to BS EN 1365-2:1999 by The Building Test Centre in a full scale horizontal loaded timber joist floor and the ceiling and floor construction with the valves installed, achieved a Fire Rating of over 60 minutes. The full Test Report BTC 18074F is available to download from our website, together with a Technical Data Sheet and Installation Guide for the Ceiling Valves.

The Verplas Fire Rated Ceiling Valves are available in both Supply and Exhaust configurations and incorporate integral intumescent materials. During a fire, the intumescent material expands and closes the aperture of the valve, re-instating the fire resistance of the structure.

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	90 m ³ /h	150 m ³ /h
	MW104FRE	Sys100: Fire Rated Ceiling Extract Valve Round	N/A	N/A	N/A	N/A
	MW124FRE	Sys125: Fire Rated Ceiling Extract Valve Round	N/A	N/A	N/A	N/A
	MW154FRE	Sys150: Fire Rated Ceiling Extract Valve Round	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	90 m ³ /h	150 m ³ /h
	MW105FRS	Sys100: Fire Rated Ceiling Supply Valve Round	N/A	N/A	N/A	N/A
	MW125FRS	Sys125: Fire Rated Ceiling Supply Valve Round	N/A	N/A	N/A	N/A
	MW155FRS	Sys150: Fire Rated Ceiling Supply Valve Round	N/A	N/A	N/A	N/A

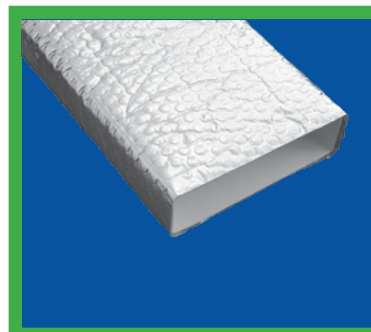
Fire Stop Accessories

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				30 m ³ /h	90 m ³ /h	150 m ³ /h
	INT01	Intumescent Sealant	N/A	N/A	N/A	N/A

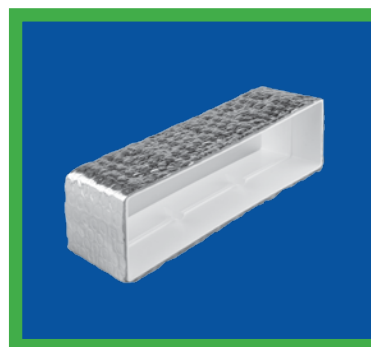
Verplas Pre-Insulated Rectangular & Round Ducting

Available in standard Round Pipe configurations and System 220, System 204 and System 100 Rectangular, this lightweight and effective insulation provides all the advantages of a streamline system that is easy to handle and quick to install, with a smaller 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.

Verplas Pre-Insulated Rectangular 110x54mm, 204x60mm & 220x90mm Ducting & Fittings

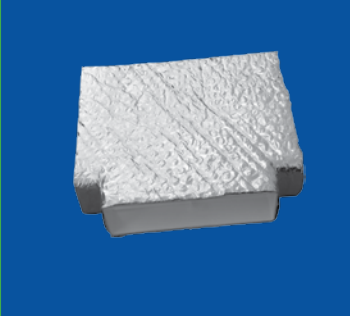


Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC249INS	110x54 Insulated Flat Channel x 1m	5,424	2.21	8.56	33.10
VKC240INS	110x54 Insulated Flat Channel x 1.5m	5,424	3.32	12.84	49.65
VKC297INS	110x54 Insulated Flat Channel x 2m	5,424	4.42	17.12	66.20
VKC5604INS	204x60 Insulated Flat Channel x 1m	11,452	0.54	1.97	7.21
VKC5628INS	204x60 Insulated Flat Channel x 1.5m	11,452	0.81	2.96	10.82
VKC5629INS	204x60 Insulated Flat Channel x 2m	11,452	1.08	3.94	14.42
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5704INS	220x90 Insulated Flat Channel x 1m	18,545	1.20	3.90	8.10
VKC5728INS	220x90 Insulated Flat Channel x 1.5m	18,545	1.70	5.90	12.20
VKC5729INS	220x90 Insulated Flat Channel x 2m	18,545	2.30	7.80	16.30



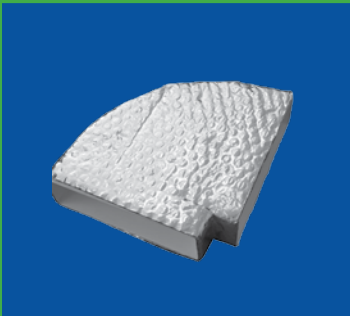
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC235INS	110x54 Insulated Flat Channel Connector	N/A	0.03	1.40	6.30
VKC5608INS	204x60 Insulated Flat Channel Connector	N/A	0.10	0.29	1.06
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5708INS	220x90 Insulated Flat Channel Connector	N/A	0.00	0.20	0.70

Verplas Pre-Insulated Rectangular 110x54mm, 204x60mm & 220x90mm Ducting & Fittings



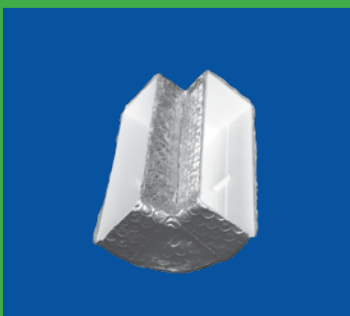
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC228INS	110x54 Insulated Equal T Piece	N/A	N/A	N/A	N/A
VKC5630INS	204x60 Insulated Equal T Piece	N/A	N/A	N/A	N/A

Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5730INS	220x90 Insulated Equal T Piece	N/A	N/A	N/A	N/A



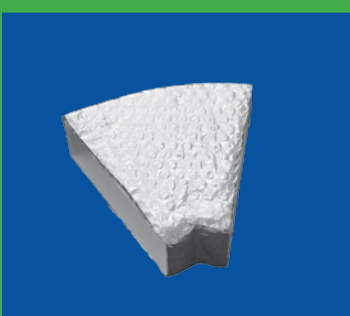
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC238INS	110x54 Insulated Horizontal 90° Bend	N/A	9.80	39.80	161.90
VKC5605INS	204x60 Insulated Horizontal 90° Bend	N/A	1.82	7.46	30.60

Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5705INS	220x90 Insulated Horizontal 90° Bend	N/A	7.30	29.50	66.60



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC239INS	110x54 Insulated Vertical 90° Bend	N/A	15.60	62.80	252.70
VKC5612INS	204x60 Insulated Vertical 90° Bend	N/A	1.14	4.52	17.94

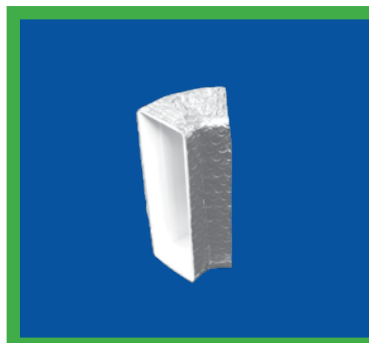
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5712INS	220x90 Insulated Vertical 90° Bend	N/A	6.20	24.10	53.30



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC227INS	110x54 Insulated Horizontal 45° Bend	N/A	3.66	15.53	65.83
VKC5616INS	204x60 Insulated Horizontal 45° Bend	N/A	0.55	2.71	13.22

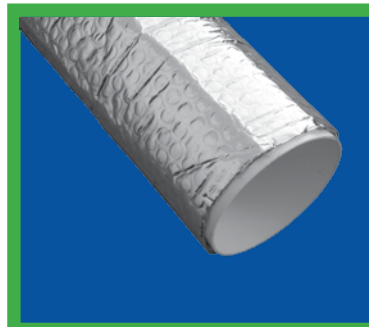
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5716INS	220x90 Insulated Horizontal 45° Bend	N/A	2.40	9.00	19.60

Verplas Pre-Insulated Rectangular 110x54mm, 204x60mm & 220x90mm



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC226INS	110x54 Insulated Vertical 45° Bend	N/A	2.57	12.72	62.99
VKC5617INS	204x60 Insulated Vertical 45° Bend	N/A	0.55	2.71	13.36
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			60 l/s	120 l/s	180 l/s
VKC5717INS	220x90 Insulated Vertical 45° Bend	N/A	1.90	6.50	13.70

Verplas Pre-Insulated Round 100, 125, 150mm Ø Pipe & Fittings




Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC250INS	100mm Ø Insulated Round Pipe x 1m	7,855	0.50	1.40	3.10
VKC299INS	100mm Ø Insulated Round Pipe x 1.5m	7,855	0.75	2.10	4.65
VKC2992INS	100mm Ø Insulated Round Pipe x 2m	7,855	1.00	2.80	6.20
VKC267INS	125mm Ø Insulated Round Pipe x 1m	12,273	0.20	0.70	1.90
VKC269INS	125mm Ø Insulated Round Pipe x 1.5m	12,273	0.30	1.05	2.85
VKC2692INS	125mm Ø Insulated Round Pipe x 2m	12,273	0.40	1.40	3.80
VKC670INS	150mm Ø Insulated Round Pipe x 1m	17,673	0.10	0.40	1.20
VKC671INS	150mm Ø Insulated Round Pipe x 1.5m	17,673	0.15	0.60	1.80
VKC673INS	150mm Ø Insulated Round Pipe x 2m	17,673	0.20	0.80	2.40



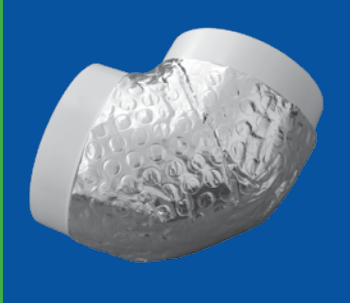
Did you know

Metal Banding can be used as an alternative to fixing clips. Available in either Black plastic coated or Galvanised.

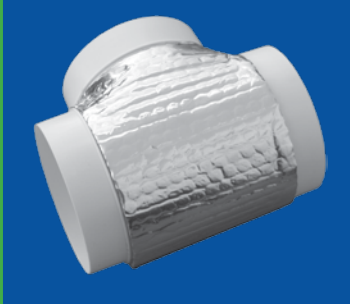
Verplas Pre-Insulated Round 100, 125, 150mm Ø Pipe & Fittings



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC301INS	100mm Ø Insulated Round 45° Bend	N/A	2.10	8.20	31.40
VKC351INS	125mm Ø Insulated Round 45° Bend	N/A	0.70	2.90	12.20
VKC361INS	150mm Ø Insulated Round 45° Bend	N/A	N/A	N/A	N/A



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC300INS	100mm Ø Insulated Round 90° Bend	N/A	5.60	21.10	80.10
VKC350INS	125mm Ø Insulated Round 90° Bend	N/A	2.00	8.40	34.90
VKC360INS	150mm Ø Insulated Round 90° Bend	N/A	1.00	4.20	18.20

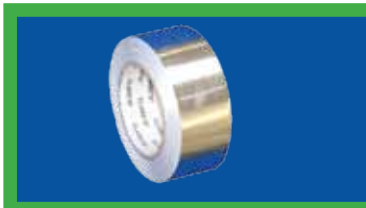


Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC302INS	100mm Ø Insulated Round Equal T Piece	N/A	N/A	N/A	N/A
VKC352INS	125mm Ø Insulated Round Equal T Piece	N/A	N/A	N/A	N/A
VKC362INS	150mm Ø Insulated Round Equal T Piece	N/A	N/A	N/A	N/A

Verplas Pre-Insulated Sheet, Sleeves & Accessories



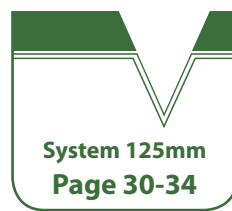
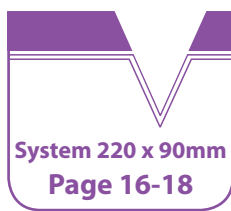
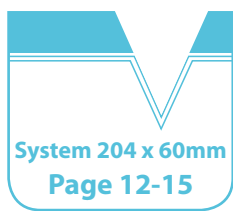
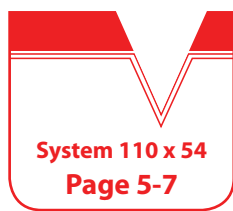
Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC100	Thermal Insulated Sheet 1.2m x 1m	N/A	N/A	N/A	N/A
VKC101	Thermal Insulated Roll 1.2m x 25m	N/A	N/A	N/A	N/A
VKC102	Thermal Insulated Sleeve Only 100mm x 2m	N/A	N/A	N/A	N/A
VKC103	Thermal Insulated Sleeve Only 80mm x 1m	N/A	N/A	N/A	N/A
VKC104	Thermal Insulated Sleeve Only 80mm x 3m	N/A	N/A	N/A	N/A
VKC105	Thermal Insulated Sleeve Only 125mm x 2m	N/A	N/A	N/A	N/A
VKC106	Thermal Insulated Sleeve Only 150mm x 2m	N/A	N/A	N/A	N/A
VKC107	Thermal Insulated Sleeve Only 100mm x 1m	N/A	N/A	N/A	N/A



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC274	Aluminium Sealing Tape 50mm x 45m	N/A	N/A	N/A	N/A

Purchasing Pre-Insulated Ducting?

Why not take a look at our range of standard products in these systems:



Did you know

Verplas offer Next Day AM Deliveries should your customer require their items before 12 noon, however this will incur an additional carriage cost. Please contact Sales for more information.


Verplas Ducting Kits

Verplas provides a number of standard and bespoke 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 are available to provide solutions to common installations and other options are designed for cooker hoods and tumble dryers. Kits may be packed in purpose made cartons, complete with instructions where necessary.

Verplas Flexible Ducting Kits

 <p><i>Kits may vary in image</i></p>	Product Code	Product Description
	VVK274	Sys100: Short Round Tumble Dryer Kit with Cowl Grille
	VVK224	Sys100: 1m Round Gravity Grille Kit
	VVK264	Sys100: Round Flexible Vent Kit
	VVK675P	Sys100: Indoor Tumble Dryer Round Venting Kit
	VVK225	Sys125: Round Gravity Grille Kit
	VVK265	Sys125: 1m Short Round Kit
	VVK520	Sys125: 100/125mm Round Dual Cooker Hood Kit
	VVK669	Sys150: 1m Round Flexible Cooker Hood Kit

Verplas Rigid Ducting Kits

 <p><i>Kits may vary in image</i></p>	Product Code	Product Description
	VVK244	Sys100: Tumble Dryer Kit with Cowl Grille
	VVK312	Sys100: Ventilation Kit with Cowl Grille
	VVK483	Sys100: 3m Flat Channel Kit with Cowl Grille
	VVK315	Sys125: 3m Flat Channel Kit
	VVK316A	Sys125: 3m Vent Kit
	VVK668	Sys150: 3m Rigid Cooker Hood Kit
	VVK5650	Sys204: 3m Ventilation Kit
	VVK5651	Sys204: 3m Ventilation Kit (Not including a Horizontal Bend)

Standard Wall Outlet and Grille colours

W White
 B Brown
 BE Beige
 T Terracotta

Verplas 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.

Our white flexible PVC range is manufactured with a light wire spiral reinforcement inside white PVC tape and is suitable for domestic applications including cooker hoods, tumble dryers and bathroom fans. These hoses have a maximum working temperature of 70°C and a wide range of connectors, clips and tapes are available to provide effective connections to the Verplas Rigid Ducting Systems and Outlets.

Verplas White Flexible PVC Hose Rectangular



Product Code	Product Description
R0.5M110X55	Sys100: White Rectangular Flexible PVC Hose (112x56mm x 0.5m)
R1M110X55	Sys100: White Rectangular Flexible PVC Hose (112x56mm x 1m)
R3M110X55	Sys100: White Rectangular Flexible PVC Hose (112x56mm x 3m)
R0.5M150X70	Sys125: White Rectangular Flexible PVC Hose (153x73mm x 0.5m)
R1M150X70	Sys125: White Rectangular Flexible PVC Hose (153x73mm x 1m)
R3M150X70	Sys125: White Rectangular Flexible PVC Hose (153x73mm x 3m)
R0.5M204X60	Sys204: White Rectangular Flexible PVC Hose (206x62mm x 0.5m)
R1M204X60	Sys204: White Rectangular Flexible PVC Hose (206x62mm x 1m)
R3M204X60	Sys204: White Rectangular Flexible PVC Hose (206x62mm x 3m)
R3M220X90	Sys220: White Rectangular Flexible PVC Hose (220x90mm x 3m)



Did you know

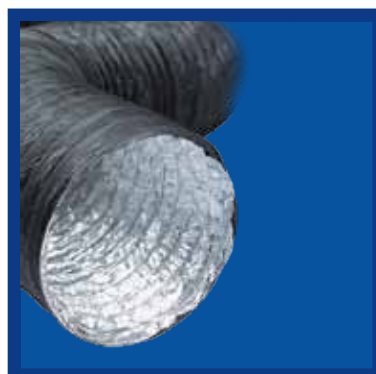
Other non-standard diameters and lengths are available upon request. Please contact the Verplas Sales Team.

Verplas White Flexible PVC Hose Round



Product Code	Product Description
P0032/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 1m)
P0092/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 3m)
P0180/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 6m)
P0305/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 10m)
P0440/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 15m)
P1310/102/35	Sys100: White Round Flexible PVC Hose (102mmØ x 45m)
P0032/133/35	Sys125: White Round Flexible PVC Hose (133mmØ x 1m)
P0092/133/35	Sys125: White Round Flexible PVC Hose (133mmØ x 3m)
P0180/133/35	Sys125: White Round Flexible PVC Hose (133mmØ x 6m)
P0305/133/35	Sys125: White Round Flexible PVC Hose (133mmØ x 10m)
P0440/133/35	Sys125: White Round Flexible PVC Hose (133mmØ x 15m)
P0032/152/35	Sys152: White Round Flexible PVC Hose (152mmØ x 1m)
P0092/152/35	Sys152: White Round Flexible PVC Hose (152mmØ x 3m)
P0180/152/35	Sys152: White Round Flexible PVC Hose (152mmØ x 6m)
P0305/152/35	Sys152: White Round Flexible PVC Hose (152mmØ x 10m)
P0440/152/35	Sys152: White Round Flexible PVC Hose (152mmØ x 15m)


Verplas Flexible Aluminium PVC Combi Hose Round 6m, 10m



Product Code	Product Description
COM102X6	Flexible Aluminium PVC Combi Hose (102mm x 6m)
COM127X6	Flexible Aluminium PVC Combi Hose (127mm x 6m)
COM152X6	Flexible Aluminium PVC Combi Hose (152mm x 6m)
COM203X6	Flexible Aluminium PVC Combi Hose (203mm x 6m)
COM254X6	Flexible Aluminium PVC Combi Hose (254mm x 6m)
COM305X6	Flexible Aluminium PVC Combi Hose (305mm x 6m)
COM102X10	Flexible Aluminium PVC Combi Hose (102mm x 10m)
COM127X10	Flexible Aluminium PVC Combi Hose (127mm x 10m)
COM152X10	Flexible Aluminium PVC Combi Hose (152mm x 10m)
COM203X10	Flexible Aluminium PVC Combi Hose (203mm x 10m)
COM254X10	Flexible Aluminium PVC Combi Hose (254mm x 10m)
COM305X10	Flexible Aluminium PVC Combi Hose (305mm x 10m)


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.

	Product Code	Product Description
	COMR100X6	Flexible Aluminium Rectangular PVC Combi Hose (110 x 54mm x 6m)
	COMR204X6	Flexible Aluminium Rectangular PVC Combi Hose (204 x 60mm x 6m)

Verplas Grey Polyester Reinforced PVC Flexible Hose Round

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.

	Product Code	Product Description
	GPVC82X6	Grey PVC Hose (82mm x 6m)
	GPVC102X6	Grey PVC Hose (102mm x 6m)
	GPVC127X6	Grey PVC Hose (127mm x 6m)
	GPVC152X6	Grey PVC Hose (152mm x 6m)
	GPVC203X6	Grey PVC Hose (203mm x 6m)
	GPVC254X6	Grey PVC Hose (254mm x 6m)
	GPVC305X6	Grey PVC Hose (305mm x 6m)
	GPVC315X6	Grey PVC Hose (315mm x 6m)
	GPVC356X6	Grey PVC Hose (356mm x 6m)
	GPVC406X6	Grey PVC Hose (406mm x 6m)
	GPVC457X6	Grey PVC Hose (457mm x 6m)
	GPVC508X6	Grey PVC Hose (508mm x 6m)
	GPVC102X10	Grey PVC Hose (102mm x 10m)
	GPVC127X10	Grey PVC Hose (127mm x 10m)
GPVC152X10	Grey PVC Hose (152mm x 10m)	
GPVC203X10	Grey PVC Hose (203mm x 10m)	



Did you know

The Verplas Grey Polyester Reinforced PVC Flexible Hose (GPVC) has a nominal thickness of 250 micron.

Verplas Flexible Aluminium Hose Round 3m, 5m, 10m

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



Product Code	Product Description
A3M2PLY102	Flexible Aluminium Hose (102mm x 3m)
A3M2PLY127	Flexible Aluminium Hose (127mm x 3m)
A3M2PLY152	Flexible Aluminium Hose (152mm x 3m)
A3M2PLY203	Flexible Aluminium Hose (203mm x 3m)
A3M2PLY254	Flexible Aluminium Hose (254mm x 3m)
A3M2PLY305	Flexible Aluminium Hose (305mm x 3m)
ALUM102X5	Flexible Aluminium Hose (102mm x 5m)
ALUM127X5	Flexible Aluminium Hose (127mm x 5m)
ALUM152X5	Flexible Aluminium Hose (152mm x 5m)
ALUM203X5	Flexible Aluminium Hose (203mm x 5m)
ALUM254X5	Flexible Aluminium Hose (254mm x 5m)
ALUM305X5	Flexible Aluminium Hose (305mm x 5m)
ALUM315X5	Flexible Aluminium Hose (315mm x 5m)
ALUM400X5	Flexible Aluminium Hose (400mm x 5m)
ALUM455X5	Flexible Aluminium Hose (455mm x 5m)
ALUM500X5	Flexible Aluminium Hose (500mm x 5m)
ALUM102X10	Flexible Aluminium Hose (102mm x 10m)
ALUM127X10	Flexible Aluminium Hose (127mm x 10m)
ALUM152X10	Flexible Aluminium Hose (152mm x 10m)
ALUM203X10	Flexible Aluminium Hose (203mm x 10m)
ALUM254X10	Flexible Aluminium Hose (254mm x 10m)
ALUM305X10	Flexible Aluminium Hose (305mm x 10m)
ALUM315X10	Flexible Aluminium Hose (315mm x 10m)
ALUM400X10	Flexible Aluminium Hose (400mm x 10m)
ALUM455X10	Flexible Aluminium Hose (455mm x 10m)
ALUM500X10	Flexible Aluminium Hose (500mm x 10m)



Did you know

The Verplas Aluminium Hose has one of the highest temperature ranges out of all of our hoses, ranging from -30°C to $+150^{\circ}\text{C}$

Verplas Insulated Aluminium Hose Round 4m and 10m

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.



Product Code	Product Description
INS100X4	Insulated Aluminium Hose (100mm x 4m)
INS127X4	Insulated Aluminium Hose (127mm x 4m)
INS152X4	Insulated Aluminium Hose (152mm x 4m)
INS185X4	Insulated Aluminium Hose (185mm x 4m)
INS102X10	Insulated Aluminium Hose (102mm x 10m)
INS127X10	Insulated Aluminium Hose (127mm x 10m)
INS152X10	Insulated Aluminium Hose (152mm x 10m)
INS203X10	Insulated Aluminium Hose (203mm x 10m)
INS254X10	Insulated Aluminium Hose (254mm x 10m)
INS305X10	Insulated Aluminium Hose (305mm x 10m)

Verplas Acoustic Insulated Aluminium Hose 10m

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.



Product Code	Product Description
SONO102X10	Acoustic Insulated Hose (102 x 10m)
SONO127X10	Acoustic Insulated Hose (127 x 10m)
SONO152X10	Acoustic Insulated Hose (152 x 10m)
SONO202X10	Acoustic Insulated Hose (202 x 10m)
SONO254X10	Acoustic Insulated Hose (254 x 10m)

Verplas Semi-Rigid Aluminium Hose Round

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.

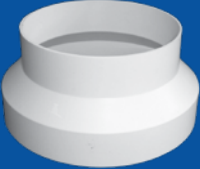



Product Code	Product Description
A.03MS/R102	Semi-Rigid Aluminium Hose (102mm x 300mm)
A1.5MS/R102	Semi-Rigid Aluminium Hose (102mm x 1.5m)
A3MS/R102	Semi-Rigid Aluminium Hose (102mm x 3m)
A.03MS/R127	Semi-Rigid Aluminium Hose (127mm x 300mm)
A1.5MS/R127	Semi-Rigid Aluminium Hose (127mm x 1.5m)
A3MS/R127	Semi-Rigid Aluminium Hose (127mm x 3m)
A.03MS/R152	Semi-Rigid Aluminium Hose (152mm x 300mm)
A1.5MS/R152	Semi-Rigid Aluminium Hose (152mm x 1.5m)
A3MS/R152	Semi-Rigid Aluminium Hose (152mm x 3m)

Verplas Accessories



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.


Verplas Round Reducers

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC437	150mm - 100mm Round Reducer (150 to 100mm Ø)	N/A	N/A	N/A	N/A
	VKC603	125mm - 100mm Round Reducer (125 to 100mm Ø)	N/A	1.50	5.90	24.00
	VKC619	150mm - 125mm Round Reducer (150 to 125mm Ø)	N/A	0.60	2.20	8.80
	VKC678	180mm - 150mm Round Reducer (Metal) (180 to 150mm Ø)	N/A	N/A	N/A	N/A
	VKC436	200mm - 150mm Round Reducer (200 to 150mm Ø)	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC621	100mm - 110mm Round Reducer (Can be used with VKC606 to reduce to a 100mm socket)	N/A	N/A	N/A	N/A

Verplas Accessories

 	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	VKC10	Sys100: Male Threaded Round Hose Connector	N/A	N/A	N/A	N/A
	VKC11	Sys100: Female Threaded Round Hose Connector	N/A	N/A	N/A	N/A
	VKC271	Sys125: Threaded Round Hose Connector	N/A	N/A	N/A	N/A
	VKC659	Sys150: Threaded Round Hose Connector	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	EK0082	Hose End - 100mm to 80mm (Fits EK83)	N/A	N/A	N/A	N/A


Verplas Accessories



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC273	Sealing Tape 50mm x 33m	N/A	N/A	N/A	N/A
EK152	Sealing Tape 50mm x 4.6m	N/A	N/A	N/A	N/A
EK151	Sealing Tape 19mm x 4.6m	N/A	N/A	N/A	N/A
VKC274	Aluminium Sealing Tape 50mm x 45m	N/A	N/A	N/A	N/A




Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC261	Hose Clip 70-90/9mm	N/A	N/A	N/A	N/A
VKC264	Hose Clip 90-110/9mm	N/A	N/A	N/A	N/A
VKC611	Hose Clip 120-140/9mm	N/A	N/A	N/A	N/A
VKC674	Hose Clip 140-160/9mm	N/A	N/A	N/A	N/A
VKC440	Hose Clip 200-230/12mm	N/A	N/A	N/A	N/A
VKC262	Hose Clip 55-170mm	N/A	N/A	N/A	N/A
VKC448	Hose Clip 60-325mm	N/A	N/A	N/A	N/A



Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
			15 l/s	30 l/s	60 l/s
VKC304C	Sys100: Round Pipe Clip	N/A	N/A	N/A	N/A
VKC354C	Sys125: Round Pipe Clip	N/A	N/A	N/A	N/A
VKC442C	Sys150: Round Pipe Clip	N/A	N/A	N/A	N/A

Verplas Accessories

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	INT01	Intumescent Sealant	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				15 l/s	30 l/s	60 l/s
	INT02	Acrylic Sealant	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
	BANDPB	12mm x 10m Black PVC Coated Galv Banding	N/A	N/A	N/A	N/A

	Product Code	Product Description	Free Area mm ²	Static Pressure Drop in Pascals (Pa)		
				60 l/s	120 l/s	180 l/s
	BANDGALV	12mm x 10m Galvanised Banding	N/A	N/A	N/A	N/A



Did you know

Metal Hose Clips are an ideal solution when fixing PVC, Flexible Aluminium, Combi or GPVC hoses.

Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page
A.03MS/R102	56	FC110X54	42, 43	INS305X10	56	SS151	38
A.03MS/R127	56	FC125TX180	42	INS100X4	56	SS152	38
A.03MS/R152	56	FC150TX180	42	INS127X4	56	SS153	38
A1.5MS/R102	56	FC125X280	44	INS152X4	56	SS154	38
A1.5MS/R127	56	FC150x70	42, 43	INS185X4	56	VKC10	27, 57
A1.5MS/R152	56	FC204X60	42, 43	INT01	45, 59	VKC100	50
A3M2PLY102	55	FC220X90	42, 43	INT02	59	VKC101	50
A3M2PLY127	55	FC225X29	42, 43	MW104	28	VKC102	50
A3M2PLY152	55	FC300X29	42, 43	MW104FRE	29, 45	VKC103	50
A3M2PLY203	55	FCT110X54	43	MW105	28	VKC104	50
A3M2PLY254	55	FCT204X60	43	MW105FRS	29, 45	VKC105	50
A3M2PLY305	55	FSK110X54	44	MW124	33	VKC106	50
A3MS/R102	56	FSK125C	44	MW124FRE	34, 45	VKC107	50
A3MS/R127	56	FSK125F	44	MW125	33	VKC11	27, 57
A3MS/R152	56	FSK125W	44	MW125FRS	34, 45	VKC19	26
ALUM102X10	55	FSK150C	44	MW154	38	VKC206	6
ALUM102X5	55	FSK150X70	44	MW154FRE	39, 45	VKC207	6
ALUM127X10	55	FSK180X90	44	MW155	38	VKC226	6
ALUM127X5	55	FSK204X60	44	MW155FRS	39, 45	VKC226INS	48
ALUM152X10	55	FSK220X90	44	P0032/102/35	53	VKC227	6
ALUM152X5	55	FSK225X29	44	P0032/133/35	53	VKC227INS	47
ALUM203X10	55	FSK300X29	44	P0032/152/35	53	VKC228	5
ALUM203X5	55	FW100	41	P0092/102/35	53	VKC228INS	47
ALUM254X10	55	FW125	41	P0092/133/35	53	VKC229	6
ALUM254X5	55	FW150	41	P0092/152/35	53	VKC230	5
ALUM305X10	55	FW110X54	41	P0180/102/35	53	VKC231	7
ALUM305X5	55	FW150X70	41	P0180/133/35	53	VKC232	7
ALUM315X10	55	FW180X90	41	P0180/152/35	53	VKC233	7
ALUM315X5	55	FW204X60	41	P0305/102/35	53	VKC233F/S	7
ALUM400X10	55	FW220X90	41	P0305/133/35	53	VKC235	5
ALUM400X5	55	FW225X29	41	P0305/152/35	53	VKC235INS	46
ALUM455X10	55	FW300X29	41	P0440/102/35	53	VKC236	6
ALUM455X5	55	FWS100X141	44	P0440/133/35	53	VKC237	6
ALUM500X10	55	FWS110X54X141	43	P0440/152/35	53	VKC238	5
ALUM500X5	55	FWS150X70X141	43	P1310/102/35	53	VKC238INS	47
BANDGALV	18, 21, 24, 59	FWS180X90X141	43	RO.5M110X55	52	VKC239	5
BANDPB	18, 21, 24, 59	FWS204X60X141	43	RO.5M150X70	52	VKC239INS	47
COM102X10	53	FWS220X90X141	43	RO.5M204X60	52	VKC240	5
COM102X6	53	FWS225X25X141	43	R1M110X55	52	VKC240INS	46
COM127X10	53	FWS300X25X141	43	R1M150X70	52	VKC241	6
COM127X6	53	GPVC102X6	54	R1M204X60	52	VKC242	25
COM152X10	53	GPVC127X6	54	R3M110X55	52	VKC243	27
COM152X6	53	GPVC152X6	54	R3M150X70	52	VKC244	27
COM203X10	53	GPVC203X6	54	R3M204X60	52	VKC244F/S	27
COM203X6	53	GPVC254X6	54	R3M220X90	52	VKC245	27
COM254X10	53	GPVC305X6	54	SS100	28	VKC247	7
COM254X6	53	GPVC82X6	54	SS101	28	VKC249	5
COM305X10	53	GPVC102X10	54	SS102	28	VKC249INS	46
COM305X6	53	GPVC127X10	54	SS103	28	VKC250	25
COMR100X6	54	GPVC152X10	54	SS104	28	VKC250INS	48
COMR204X6	54	GPVC203X10	54	SS120	33	VKC253F	6
EK0028	25	INS102X10	56	SS121	33	VKC256	27
EK0082	57	INS127X10	56	SS122	33	VKC261	58
EK151	58	INS152X10	56	SS123	33	VKC262	58
EK152	58	INS203X10	56	SS124	33	VKC264	58
FC100X150	42, 44	INS254X10	56	SS150	38	VKC266	30

Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page
VKC267	30	VKC367	36	VKC5712INS	47	VKC678	37, 57
VKC267INS	47	VKC434	26	VKC5713	17	VKC700	19
VKC268	32	VKC436	37, 57	VKC5716	17	VKC701	19
VKC268F/S	32	VKC437	27, 36, 57	VKC5716INS	47	VKC702	20
VKC269	30	VKC440	58	VKC5717	17	VKC703	20
VKC2692	30	VKC442C	35, 58	VKC5725	17	VKC703G	20
VKC2692INS	47	VKC445	31	VKC5726	17	VKC704	7, 15, 18, 21, 23
VKC269INS	47	VKC448	58	VKC5727	16	VKC705	19, 22
VKC270	32	VKC5601	14	VKC5728	16	VKC706	19
VKC271	32, 57	VKC5604	12	VKC5728INS	46	VKC707	19
VKC273	58	VKC5604INS	46	VKC5729	16	VKC708	20
VKC274	49, 58	VKC5605	12	VKC5729INS	46	VKC709	19
VKC275	37	VKC5605INS	47	VKC5730	16	VKC710	19
VKC275F/S	37	VKC5606	13	VKC5733	17	VKC711	19
VKC280	37	VKC5608	12	VKC5733G	18	VKC712	20
VKC289	32	VKC5608INS	46	VKC5756	18	VKC714	7, 15, 18, 21, 23
VKC292	37	VKC5610	12	VKC5760	18	VKC750	22
VKC297	5	VKC5612	12	VKC5761	18	VKC751	22
VKC297INS	46	VKC5612INS	47	VKC5762	18	VKC752	23
VKC299	25	VKC5613	14	VKC601	9	VKC753	23
VKC2992	25	VKC5615	14	VKC603	26, 32, 57	VKC754	22
VKC2992INS	48	VKC5616	13	VKC604	8	VKC755	22
VKC299INS	48	VKC5616INS	47	VKC605	8	VKC756	20, 23
VKC300	25	VKC5617	13	VKC606	9	VKC757	22
VKC300INS	49	VKC5617INS	48	VKC607	9	VKC758	22
VKC301	26	VKC5625	13	VKC608	8	VKC759	22
VKC301INS	49	VKC5626	13	VKC610	8	VSSC125PF	40
VKC302	26	VKC5627	13	VKC611	58	VSSC125PP	40
VKC302INS	49	VKC5628	12	VKC612	8	VSSC204DD	40
VKC303	25	VKC5628INS	46	VKC613	9	VSSC204DF	40
VKC304C	25, 58	VKC5629	12	VKC616r	9	VSSC220DF	40
VKC306F	26	VKC5629INS	46	VKC617	32	VSSC220DD	40
VKC307	26	VKC5630	12	VKC618	31	VVK200	27
VKC3400	26	VKC5630INS	47	VKC619	32, 36, 57	VVK224	51
VKC350	30	VKC5631	14	VKC621	32, 57	VVK225	51
VKC3500	31	VKC5633	14	VKC627	8	VVK244	51
VKC350INS	49	VKC5635	14	VKC650	11	VVK264	51
VKC351	31	VKC5637	14	VKC651	10	VVK265	51
VKC351INS	49	VKC5643	14, 17	VKC652	10	VVK274	51
VKC352	31	VKC5644	13	VKC653	10	VVK312	51
VKC352INS	49	VKC5645	13	VKC654	10	VVK315	51
VKC353	30	VKC5646	13	VKC655	11	VVK316A	51
VKC354C	30, 58	VKC5660	15	VKC657	11	VVK483	51
VKC355	30	VKC5661	15	VKC659	37, 57	VVK520	51
VKC356F	31	VKC5662	15	VKC660	35	VVK5650	51
VKC357	31	VKC5663	15	VKC661	36	VVK5651	51
VKC360	35	VKC5664	15	VKC662	11	VVK668	51
VKC3600	36	VKC5665	15	VKC664	10	VVK669	51
VKC360INS	49	VKC5704	16	VKC670	35	VVK675P	51
VKC361	36	VKC5704INS	46	VKC670INS	48		
VKC361INS	49	VKC5705	16	VKC671	35		
VKC362	36	VKC5705INS	47	VKC671INS	48		
VKC362INS	49	VKC5706	17	VKC673	35		
VKC363	35	VKC5708	16	VKC673INS	48		
VKC365	35	VKC5708INS	46	VKC674	58		
VKC366F	36	VKC5712	17	VKC676	10		



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