

Ducting length - 220x90mm



Ducting Dimension:	220x90mm
Warranty:	3yr
Material:	100% Recycled Rigid PVC
Free Area:	17,820mm ²
Operating Temperatures:	-15°C to +60°C
Ducting Colour:	Grey

Rigid PVC ventilation ducting delivers a durable, efficient, and cost-effective solution for modern airflow systems. Available in a wide range of lengths to suit any installation, this robust ducting ensures smooth air movement with minimal resistance, improving overall system performance. Its lightweight yet sturdy construction makes it easy to handle on-site, while the corrosion-resistant PVC material guarantees long-term reliability in both residential and commercial environments. Making ventilation sustainable is our main aim through continuously improving our processes to reduce waste throughout our products lifecycle and significantly increasing the use of recycled plastic from the circular economy in the manufacturing of our products.

Type	Detail	Cat. No.	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Resistance (Pa) at flow rate		
							60lps	120lps	180lps
Flat Channel Length	1m Length 	60910	220	90	1000	1.7	0.9	3.2	6.7
	1.5m Length 	60915	220	90	1500	2.55	1.4	4.9	10.2
	1.5m Length Insulated 	IJRP60915	250	120	1500	3.49	1.4	4.9	10.2
	2m Length 	60902	220	90	2000	2.2	-	-	-
Bends/ Connectors	Horizontal 90° Bend 	60950	95	250	250	-	9	36	80
	Horizontal 90° Bend Insulated 	IJBH60950	125	280	250	-	9	36	80
	Horizontal 45° Bend 	60953	95	240	200	-	5	20	46
	Horizontal 45° Bend Insulated 	IJBH60953	125	270	200	-	5	20	46
	Vertical 90° Bend 	60960	117	224	120	-	7	28	66
	Vertical 90° Bend Insulated 	IJBV60960	147	254	120	-	7	28	66
	Vertical 45° Bend 	60963	110	225	115	-	6	27	65
	Vertical 45° Bend Insulated 	IJBV60963	140	255	115	-	6	27	65
	Horizontal T-Piece 	60955	95	280	250	-	varies on install		
	Channel Connector 	60920	95	224	52	-	<1	<1	<1
Adaptors	Straight Adaptor 150mm 	60970	160	225	203	-	3.7	14.1	30.7
	Straight Adaptor 150mm Insulated	IJA60970	190	255	203	-	3.7	14.1	30.7
	Elbow 90° Bend 100mm 	60941	118	226	240	-	5.3	20.4	44.8
	Elbow 90° Bend 125mm 	60951	118	226	240	-	3.6	14.9	34.4
	Elbow 90° Bend 125mm Insulated	IJB60951	148	256	240	-	3.6	14.9	34.4
	Elbow 90° Bend 150mm 	60961	118	226	240	-	9	34	75
	Elbow 90° Bend 150mm Insulated	IJB60961	118	226	240	-	9	34	75
	Double Airbrick Adaptor 	60977	132	226	52	-	10.4	37	81.5
	Double Airbrick Terminal	60905	145	245	80	-	37.4	74.8	112.2

KEY: Connector = Female Male

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(a) Storage of Ducting Products: All straight duct lengths are supplied either wrapped or within boxes, surrounded with white protective packaging to help mitigate damaging effects of sunlight exposure. Do not remove the white reflective packaging and leave in sunlight. UV exposure breaks down the polymer chains, resulting in a weaker molecular bond within the PVC, leading to reduced tensile strength and flexibility. On receipt of goods, we recommend all PVC ducting products are immediately stored in a cool, shaded place to avoid damage due to heat build-up within the packaging. Any extrusions (lengths of product) should be stored horizontally and supported along the whole length of the product. In summer months, heat can build up inside packaging faster and there is a chance that PVC goods could become warped if stored incorrectly. Manrose will not be liable for any damage caused to ducting or PVC products through incorrect storage. This part comes in Grey. Whilst we will look to maintain the colour of Grey, by the nature of adopting a recycled plastic the colour and shade may vary at any given time.

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