

Ducting length - 110x54mm



Ducting Dimension:	110x54mm
Warranty:	3yr
Material:	100% Recycled Rigid PVC
Free Area:	5,346mm 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								
								8l/s	13l/s	21l/s	29l/s	37l/s	45l/s	53l/s	61l/s	
Flat Channel Length	1m Length		40100	55	111	1000	0.83	0.8	1.6	3.5	6	9.2	13.1	17.1	21.1	
	1.5m Length		40150	55	111	1500	1.25	1.2	2.4	5.3	9.1	13.9	19.8	25.9	32	
	2m Length		44020	55	111	2000	1.67	1.6	3.2	7	12	18.4	26.2	34.2	42.2	
Bends/ Connectors	Horizontal 90° Bend		40500	60	152	152	-	2.3	9.9	21	38	64	93	124	162	
	Horizontal 45° Bend		40450	59	134	131	-	-	3.5	-	15.4	-	-	-	65.8	
	Vertical 90° Bend		40600	95	115	95	-	3.3	15.5	36	61	96	138	190	253	
	Vertical 45° Bend		40045	85	115	67	-	-	2.4	-	12.6	-	-	-	63	
	Horizontal T-Piece		40080	60	143	174	-	Varies on install								
	Channel Connector		40200	54	114	100	-	<1	<1	1.1	1.4	2.2	3.4	4.8	6.4	
	Connector with Damper		40270	60	115	75	-	16	17.5	19.5	22	25.2	30.5	36	42	
Adaptors	Elbow 90° Bend 100mm Female		40300	90	115	140	-	3	8	17.7	33	49.9	74.5	101	137	
	Elbow 90° Bend 100mm Male		40400	90	115	140	-	3	8	17.7	33	49.9	74.5	101	137	
	Short Straight Adaptor 100mm Female		40700	60	110	105	-	1.2	4.3	8.4	20	30.2	43	62	88	
	Short Straight Adaptor 100mm Male		40710	60	110	105	-	1.2	4.3	8.4	20	30.2	43	62	88	
	Straight Adaptor 100mm		40701	100	115	180	-	1.2	4.2	8.3	19.8	29.9	42	60	86	
	Single Airbrick Adaptor		40770	65	210	85	-	-	1.2	-	4.7	-	-	-	17.8	
	Single Airbrick		45010	65	212	14	-	-	6	-	18.4	-	-	-	71.9	
Support	Duct Support Clip		41220	64	117	20	-	-	-	-	-	-	-	-	-	
	Through Wall Plate		41150	154	154	-	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	

KEY: Connector = Female Male

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Available ducting sizes

(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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