



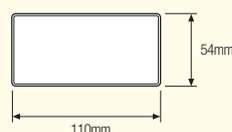
- Recommended for domestic bathrooms, WCs and kitchens with low volume extraction of up to 250 m³/hr
- Efficient for short, simple ducting runs
- Low profile enables ducting to be easily concealed when space is a restriction
- Made from self extinguishing flame retardant materials to conform to fire standards UL94 V2 and DIN 4102 B1
- Maximum working temperature of 60°C
- A wide range of bends and adapters enables versatile installation
- Compatible with a large selection of outlets and inlets and other ducting systems
- Also available prepacked

System 100 is a rectangular range of ducting that is efficient for short simple runs. It is particularly suitable for applications requiring lower extraction rates, such as, the ventilation of domestic bathrooms and internal WCs.

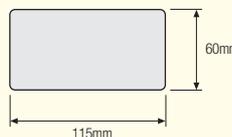
The low profile of the design enables it to be concealed when installed along the top of wall units or when fitted in ceiling voids, cavity walls and other confined spaces, providing versatility but remaining unobtrusive.

Bends, connectors, adapters and clips ensure that System 100 offers the installer the flexibility to achieve almost any ducting configuration and the ability to connect to other systems.

DIMENSIONS



System 100
Flat channel outer dimensions are 110 x 54mm and fit into system parts sockets



Minimum space required for installation:
115 x 60mm

Cross section:
5300 sq mm

All measurements in mm. Drawings not to scale.



up to 250 m³/hr

Product	Code		Description	Dimensions mm	Pressure loss.pa			Notes <i>i.d. = internal dimension o.d. = outer dimension</i>
	Boxed	Prepack			15 l/s	30 l/s	60 l/s	
	010	40010	Flat Channel, 1m	□ 110 x 54	1.8	6.3	21.5	Connects into components with rectangular sockets (110 x 54mm i.d.) e.g. System 100 bends.
	015	n/a	Flat Channel, 1.5m	□ 110 x 54	2.7	9.75	32.25	
	D1-2000	n/a	Flat Channel, 2m	□ 110 x 54	3.6	12.6	43.0	
	D2-1000	n/a	Flat Channel Outer Sleeve, 1m	■ 110 x 54 □ 112 x 60	1.8	6.3	21.5	Fits over flat channel to provide a telescopic assembly.
	122-4	40122*	Flat Channel Clip	■ 110 x 54	-	-	-	Securely fixes flat channel to desired location e.g. ceiling or wall unit.
	020	40020	Flat Channel Connector	■ 110 x 54	0.3	1.4	6.3	Fits over flat channel to connect two lengths together in a straight line.
	027	n/a	Flat Channel Connector with Damper	■ 110 x 54	19.9	21.2	16.9	Fits over flat channel to connect two lengths together in a straight line. Includes damper for back draft prevention.
	030	40030	Elbow Bend with Socket	■ 110 x 54 ● 100	8.1	33.1	136.4	Fits over flat channel to connect channel to round flexible hose with threaded hose connector (124-4) at right angles or fits directly over a 100mm o.d. appliance spigot.
	040	40040	Elbow Bend with Spigot	■ 110 x 54 ○ 100	8.1	33.1	136.4	Fits over flat channel to connect channel to round flexible hose with hose clip (125-4) at right angles or directly into EasiPipe 100 (100mm i.d. connections).
	050	40050	Horizontal 90° Bend	■ 110 x 54	9.8	39.8	161.9	Fits over flat channel to connect two lengths together horizontally at right angles.
	060	40060	Vertical 90° Bend	■ 110 x 54	15.6	62.8	252.7	Fits over flat channel to connect two lengths together vertically at right angles.
	080	40080	Horizontal Equal T-Piece	■ 110 x 54	Figures vary on installation			Fits over flat channel to provide a rectangular ducting junction in a multi-extraction installation.

* 2 items in prepack ■ ● = internal dimension □ ○ = outer dimension



Ducting through a compartment wall?
Take a look at FireBrake and prevent the spread of fire through ventilation ducting.



Product	Code		Description	Dimensions mm	Pressure loss.pa			Notes <i>i.d. = internal dimension</i> <i>o.d. = outer dimension</i>
	Boxed	Prepack			15 l/s	30 l/s	60 l/s	
	070	40070	Round to Rectangular Adapter	■ 110 x 54 ● 100	3.7	14.6	58	Fits over flat channel to connect in a straight line to fit over a 100mm o.d. spigot e.g. wall outlet/cooker hood or fan spigot or to EasiPipe 100 via a straight pipe connector (493/4/5). Pipe and channel lay flush to surface.
	071	40071	Short Round to Rectangular Adapter	■ 110 x 54 ○ 100	4.8	20.4	86.2	Fits over flat channel to connect in a straight line to fit into 100mm i.d. connections, including EasiPipe 100 pipes. Channels lay in a central position.
	077	40077	Airbrick Adapter and converter to Supertube 125	□ 204 x 60	1.2**	4.7**	17.8**	Connects into System 100 flat channel to adapt to Supertube 125 flat channel, by fitting over a Supertube 125 flat channel connector (520 or 527). Fits all Supertube 125 sockets (204 x 60mm i.d. connections).
	115-4	40115	Flat Channel Wall Plate	■ 110 x 54 □ 154 x 154	-	-	-	Fits over flat channel to make good internal wall after forming rectangular hole for ducting.
	018	n/a	Flat Channel End Cap	■ 108 x 52 □ 110 x 54	-	-	-	Fits into flat channel to blank off end.

**Figures going from Supertube 125 to System 100. See other sections for performance figures using this item with other components

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