

Access Doors/Duct Flange – ACCESSORIES

Models: ADC-2, ADH-2 – Access Door.

Galvanised steel frame and double skin panel, insulation filled and fitted with cam-locks both sides (ADC-2), or with hinge pin on one side and cam-locks on the other (ADH-2).

Frame is dove-tailed to provide easy folding tabs, which lock it in to a prepared hole in the duct, or panel.

Models ADC-2 and ADH-2 Standard Sizes			
200 x 200	250 x 250	300 x 300	400 x 400
450 x 450	500 x 500	600 x 600	

Other sizes are available to special order.

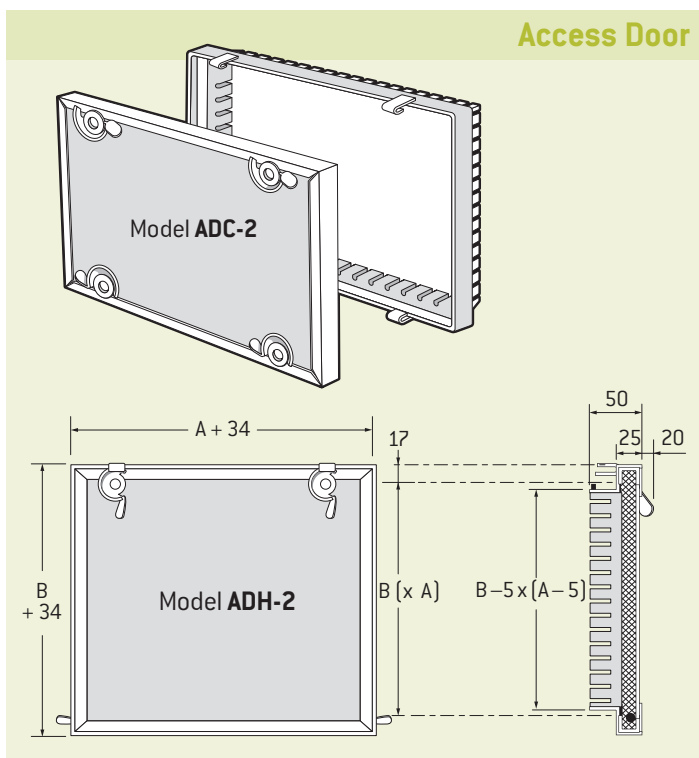
Guide Product Weights	
Size	Approximate Weight in Kg.
	ADC-2
250 x 150	1.05
300 x 300	1.48
400 x 400	2.63

Minimum Side: 150 mm

Maximum Side: 600 mm

Cam-locks: Up to 300 mm Side, 1 Cam-Lock.
Above 300 mm Side, 2 Cam-Locks.

Material: 0.55 galvanised steel and polyester based insulation.



Model: Duct Flange – Flanging System

The Duct Flange Flanging System provides a secure airtight joint for connecting individual duct sections, dampers and other accessories together.

Constructed from roll-formed galvanized steel, in either 25 mm, or 35 mm high by 5.8 m lengths, which can be cut to size on site, by others. All Duct Flange angle incorporates an integral sealant. Matching pressed steel zinc plated corners slide into the roll-formed section to make a rigid, four sided frame. Clips are furnished with these corners to make a simple and secure fixing. (Bolt holes are provided, which can be used for aligning the corners, or for a more secure fixing. Nuts and Bolts by others). Do **not** use bolts for Fire Damper Breakaway Joints.

The raw edge of the duct end slides fully into the open roll-formed section of the flange and its mastic sealant. It should then be held in place by either spot welds, or self drilling Tek screws. Duct Flange DM Seal Gasket Tape should be applied to the face of the flange and the corners of the mating flange.

Simple 'J' Cleats should be installed, which snap over the frame to secure and seal two pieces of Duct Flange together.

The recommended minimum spacing of snap on 'J' Cleats is shown in the following table:

Description	Part No.	0.5 kPa	1.0 kPa	1.5 kPa
Duct Flange 25mm	DF 25	450 mm	300 mm	150 mm
Duct Flange 35mm	DF 35	600 mm	450 mm	300 mm

The following figures use SMACNA Duct Construction Standards recommendations. They provide a guide to flanged joint limitations using 0.8 mm flange wall thickness, without intermediate reinforcement, or internal bracing.

The Maximum Duct Size can be increased by altering these parameters. Refer to SMACNA.

Description	Part No.	Maximum Duct Size (W x H mm)			Gasket Size mm
		Maximum Spacing of Flanges			
		0.5 kPa	1.0 kPa	1.5 kPa	
Duct Flange 25 mm	DF 25	1200 x 1200	900 x 1200	900 x 1200	18 x 6
Duct Flange 35 mm	DF 35	1500 x 1500	1200 x 1200	1200 x 1200	18 x 6

