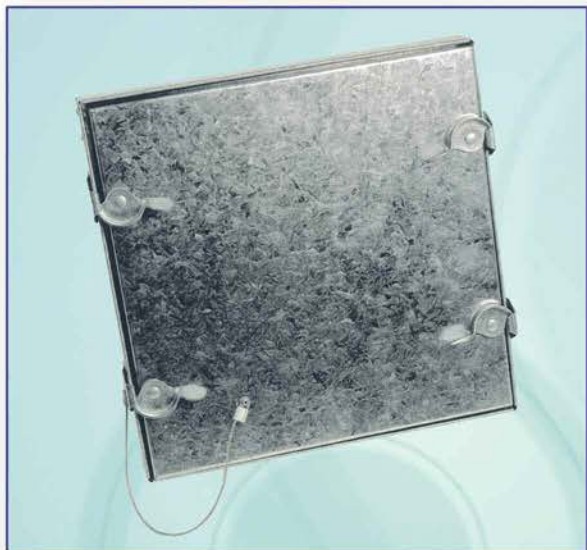


ADF Series



Access Doors

- Door seal meets HVCA DWI44 and Eurovent 2/2 Classes A & B
- Fire resistance one joint gasket on door as standard
- Double skin insulated construction
- Cam door fasteners for a positive seal

ADF Series

Access Doors – Introduction



Introduction

The ADF Series Insulated Duct Access Doors have been designed to provide a quick and efficient means of access/inspection to in-duct items such as control dampers, filters, fire dampers, etc.

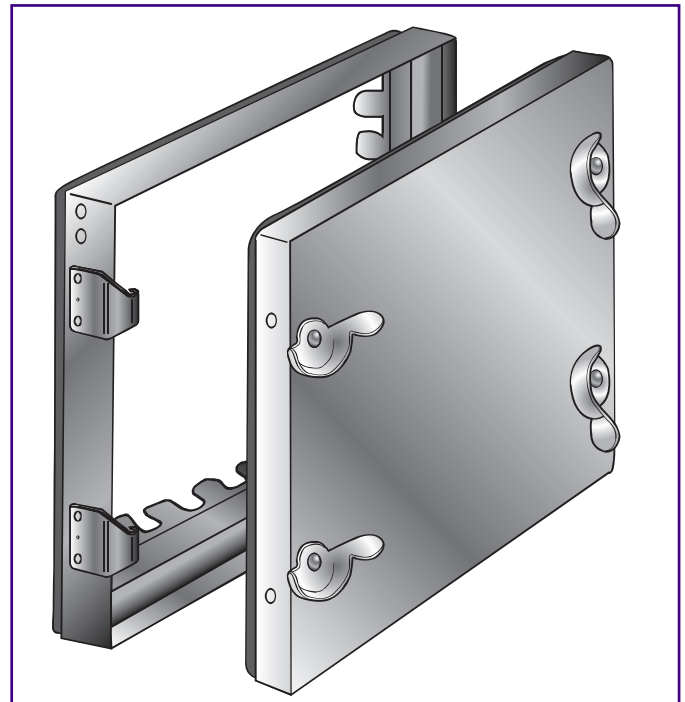
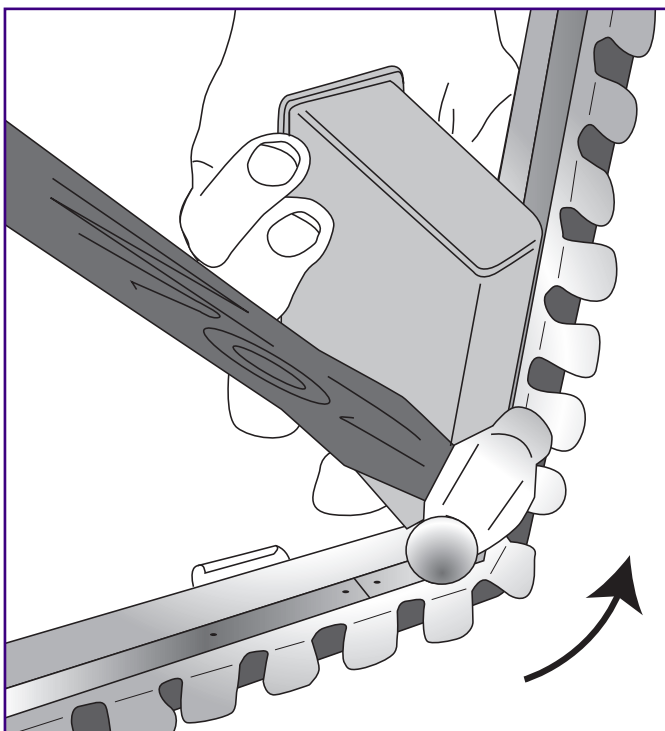
Features

- Fast and simple installation - reduces installation time and costs
- Door seal meets HVCA ductwork specification DW144/Eurovent 2/2 Classes A & B
- Fire resistant one joint gasket on door. Reduced risk of leaks and damage on installation.
- Double skin insulated construction ensuring thermal and acoustic insulation
- Cam door fasteners ensuring positive seal and quick release for access
- Rounded tabs for safety and comfort when handling
- Handles for ease of handling can be supplied fitted and are optional

Installation

Cut hole in duct 30mm under unit size (eg 150mm x 150mm unit - hole size 120mm x 120mm. See Size Selection opposite).

Fit frame into hole and whilst compressing the frame gasket, knock over the edge tabs using dolly and hammer as shown below.



Size Selection

Sizes other than those shown are available. Please contact the BSB Sales Office for details.

CAD I			
Model No.	Door Size (mm)	Cut Hole Size (mm)	Approx. Weight (kg)
ADF-100100	100 x 100	70 x 70	0.50
ADF-100150	100 x 150	70 x 120	0.60
ADF-100200	100 x 200	70 x 170	0.70
ADF-150150	150 x 150	120 x 120	0.75
ADF-150200	150 x 200	120 x 170	0.80
ADF-150300	150 x 300	120 x 270	1.00
ADF-200200	200 x 200	170 x 170	1.00
ADF-200300	200 x 300	170 x 270	1.75
ADF-200400	200 x 400	170 x 370	2.00
ADF-250250	250 x 250	220 x 220	1.75
ADF-300300	300 x 300	270 x 270	2.00
ADF-300450	300 x 450	270 x 420	2.75
ADF-300600	300 x 600	270 x 570	3.00
ADF-400400	400 x 400	370 x 370	3.50
ADF-400600	400 x 600	370 x 570	4.00
ADF-450450	450 x 450	420 x 420	3.75
ADF-600600	600 x 600	570 x 570	6.00

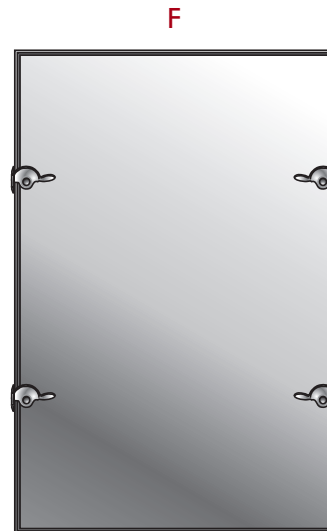
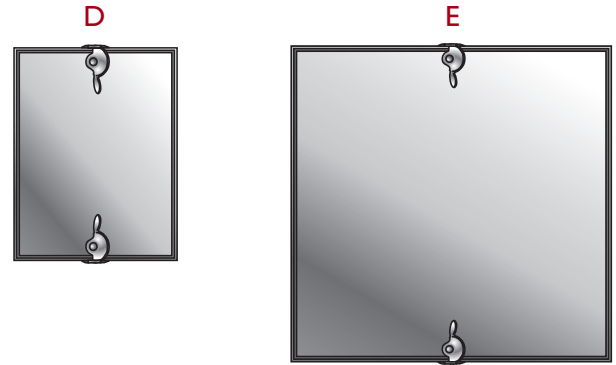
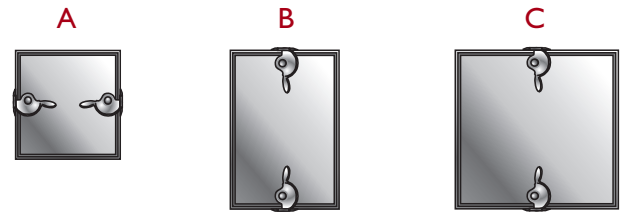
Options

2" (50mm) thick doors and wire safety ties are available.

Dimensions

ADF Series Flat Access Door					
Model No.	W	H	No. Cams	Optional Safety Tie	See Illust.
ADF-100100	100	100	2	✓	A
ADF-100150	100	150	2	✓	B
ADF-100200	100	200	2	✓	B
ADF-150150	150	150	2	✓	C
ADF-150200	150	200	2	✓	D
ADF-150300	150	300	2	✓	D
ADF-200200	200	200	2	✓	C
ADF-200300	200	300	2	✓	D
ADF-200400	200	400	2	✓	D
ADF-250250	250	250	2	✓	C
ADF-300300	300	300	2	✓	E
ADF-300450	300	400	4	✓	F
ADF-300600	300	600	4	✓	F
ADF-400400	400	400	4	✓	E
ADF-400600	400	600	4	✓	G
ADF-450450	450	450	4	✓	H
ADF-600600	600	600	4	✓	H

Safety Tie can be provided fitted at an additional cost.



ADF Series

Access Doors – Product Specification



Product Specification

Frames

Manufactured from galvanised mild steel to BS EN 10142 1991, coating class FE P02b Z275 Na, 0.8mm thickness folded into a "Z" section with castellated edge tabs for peening over to affix to the duct.

Door

Double skin construction 25mm thick manufactured from galvanised mild steel to BS EN 10142 1991, coating class FE P02b Z275 Na, 0.6mm thickness as standard.
25mm thick mineral wool thermal and acoustic insulation with a density of 45K/gm³ is fitted within the door construction.

Gasket

Self-extinguishing 15mm x 4.5mm adhesive-backed E.V.A. foam seal is used as a gasket between the door and the frame and between the frame and the duct. These gaskets are fitted as standard.

Fasteners

Half turn cam-type fasteners and brackets manufactured from galvanised mild steel to BS EN 10142 1991, coating class FE P02b Z275 Na.

Please see cam detail for number and positioning of these fixings.

Ordering Details

Example:

Model ADF150150 Size: 150mm x 150mm

Quantity: 60

would be written as:

ADF - 150150 - 60qty

Air, Fire and Smoke Control Products in the BSB Range:



For full details of the complete BSB Product Range, please refer to our individual product brochures, sales office or website.

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For pricing, technical and general enquiries, please email: enquiries@bsb-dampers.co.uk
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