

Ductware

Access Panels



50mm & 25mm Deep Access Panels.

- **Now available in 50mm Deep!**
- **Insulated**
- **Gasketed**
- **Equipped with Stainless Steel Chains**

Ductware®

Productivity solutions with green results

DESCRIPTION

Access Panel for rectangular duct.

BASIC USE

New to the HVAC market, the revolutionary 50mm deep access panels were designed to simplify the process of nesting external or internal insulation under the frame of the access panel reducing the likelihood of insulation fibres entering the airstream.

The Ductware range of rectangular access panels are designed to provide access to all in-duct equipment for inspection, maintenance and duct cleaning. All doors are of double skin construction using 0.7mm galvanised steel. A PVC compression gasket fixed to the panel eliminates air leakage. A positive seal is achieved by the use of camlock fasteners.

SPECIAL CHARACTERISTICS

- Insulated
- Available in 25mm or 50mm thickness
- Gasketed
- All panels are equipped with stainless steel chains

TECHNICAL INFORMATION

DOOR

Double skin construction using 0.7mm prime galvanised steel.

GASKET

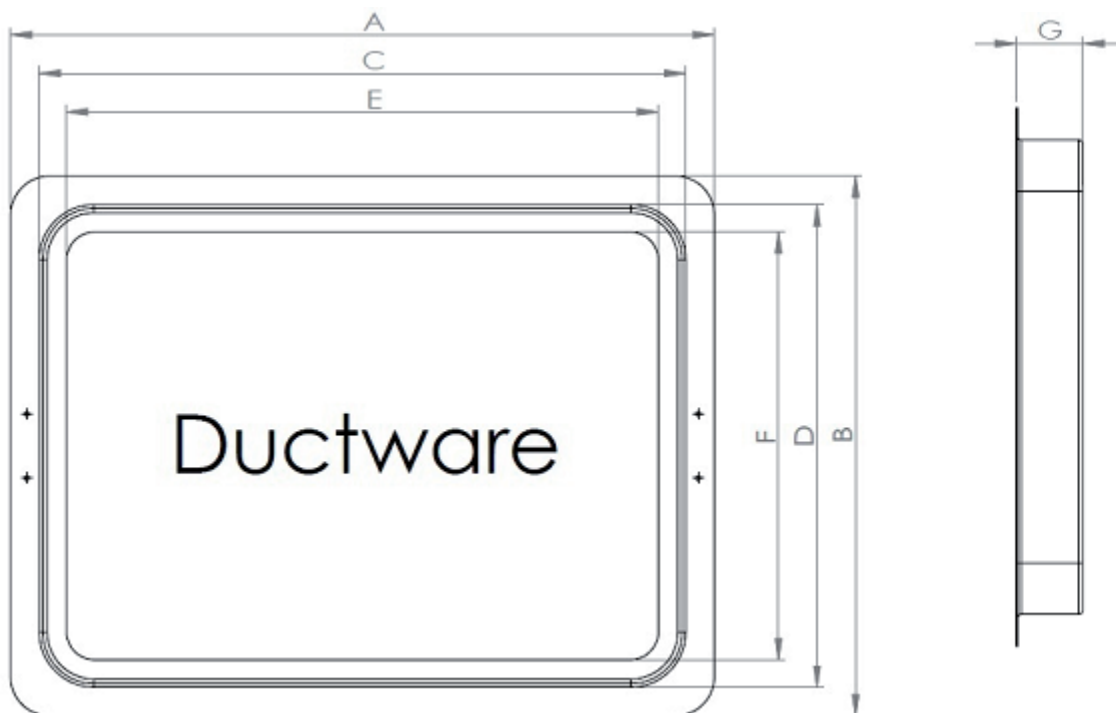
Heat welded PVC extrusion gasket ensures a tight seal.







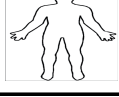

FRAME

Manufactured from 0.7mm prime galvanised steel.

CAM LOCKS

The cam and latches are zinc coated. Each cam is secured to the door with a rivet. The latch is securely fastened to the frame. Two cam locks per panel are installed on models DW-APS25, DW-APS50, DW-APM25, DW-APM50 whilst four cam locks per panel are installed on models DW-APL25, DW-APL50, DW-APXL25 and DW-APXL25K.



MODEL	NOMINAL SIZE	A X B	C X D	E X F	G	ACCESS FOR	
DW-AP-S25	150 x 240	292 x 185	242 x 149	215 x 120	25	One Hand & Sight	
DW-AP-S50	150 x 240	292 x 185	242 x 149	215 x 120	50	One Hand & Sight	
DW-AP-M25	240 x 375	425 x 289	373 x 241	335 x 200	25	Two Hands & Sight	
DW-AP-M50	240 x 375	425 x 289	373 x 241	335 x 200	50	Two Hands & Sight	
DW-AP-L25	370 x 500	548 x 420	502 x 369	465 x 330	25	Head & Shoulders	
DW-AP-L50	370 x 500	548 x 420	502 x 369	465 x 330	50	Head & Shoulders	
DW-AP-XL25	500 x 650	680 x 530	634 x 484	620 x 444	25	Body	
DW-AP-XL25K	500 x 650	700 x 550	655 x 505	610 x 480	25	Body	

LIMITED PRODUCT WARRANTY

Manufacturer is not liable for consequential, incidental or special damages. There are no statutory or implied warranties including the warranties of fitness for a particular purpose and merchantability.

There are no warranties other than as set forth here and factory neither assumes nor authorises any person to assume any liability or other obligation in connection with Ductware Access Panels.

Ductware Access Panels are warranted to be free from any and all defects in material and workmanship only at the time of shipment from our factory. Manufacturer will at its sole option, replace or issue credit for the original purchase price.

To determine the suitability of Ductware Access Panels each specific purpose the user must conduct their own test. Manufacturer does not guarantee the results from the use of Ductware Access Panels because of differences in application & fixing as well as the possibility of structural movement or externally caused damage.

ACCESS PANEL INSTALLATION GUIDE

MODEL	NOMINAL SIZE
DW-AP-S25	150 x 240 x 25mm deep with Chain
DW-AP-S50	150 x 240 x 50mm deep with Chain
DW-AP-M25	240 x 375 x 25mm deep with Chain
DW-AP-M50	240 x 375 x 50mm deep with Chain
DW-AP-L25	370 x 500 x 25mm deep with Chain
DW-AP-L50	370 x 500 x 50mm deep with Chain
DW-AP-XL25	500 x 650 x 25mm deep without Chain
DW-AP-XL25K	500 x 650 x 25mm deep without Chain

Suitable for 2 styles of installation:

1. **Flush Mount** - for internally insulated duct.
2. **Raised or External Mounting** - for externally insulated duct.

The installation instructions below are a guide to achieving a good seal for your 2 HVAC duct systems.

- a. Locate access points on duct for maintenance or inspection purposes.
- b. Remove the middle/internal PANEL from the FRAME by opening cam locks provided.
- c.
 - 1) For internally insulated duct, use the middle/internal PANEL as a template by laying it out on the duct in position and mark out a cut line. Refer to table dimensions C x D.
 - 2) For externally insulated duct mount, use the FRAME as the template and mark out it's internal edge for a cut out line. Refer to table dimensions E x F.
- d. Using suitable cutting equipment, neatly cut a hole in the duct.
- e. Use PROseal® or silicone sealant to seal surface between FRAME and duct to minimise leakage before mechanically fixing frame to duct with rivets or self-drilling screws.
- f. Ensure that internal duct insulation is sealed off using duct tape where possible, to prevent insulation being torn and/or dislodged from ductwork during normal system operation and maintenance.
- g. Insert PANEL into FRAME and close off sash cams for a tight seal.