



IPD ACCESS DOORS

AIR MANAGEMENT SYSTEMS

PRODUCT PROPERTIES

The high quality ACCESS DOORS are manufactured for the air conditioning industry. Used as an easy re-sealable way of gaining access to rigid air conditioning ducts and conditioner housings for equipment maintenance and cleaning purposes. Equipment such as fire dampers, smoke and volume dampers, variable air volume units (VAV), duct heater coils and filters can all be accessible for compliance with building code standards.

SPECIFICATIONS

ACCESS DOORS are deliverable in four different sizes. The sizes which are in great demand, the IPD1, the IPD2 and the IPD3 are deliverable from stock.

Model	Nominal Size	A x B	C x D	E x F	Box Pcs	Weight Kg
IPD0	650 x 500	457 x 609	500 x 652	550 x 700	3	19
IPD1	500 x 375	325 x 462	366 x 500	419 x 545	5	18.3
IPD2	375 x 240	196 x 332	239 x 372	288 x 425	10	18.5
IPD3	240 x 150	116 x 207	148 x 240	194 x 284	12	10.5

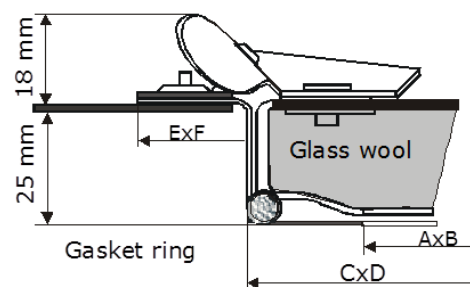
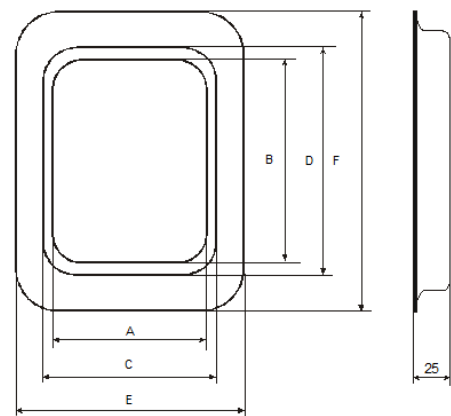
Access Door Installation Instructions

The Access Door is suitable for 2 styles of installation – Flush mount or Raised/external mount. Flush mounting is ideal for internally insulated Duct or Conditioner Housings. Raised or external mounting is ideal for externally insulated or slightly under sized duct. Please use the following installation instructions as a guide to achieve the best seal for your system.

- 1) Locate where access is required on the duct / housing for maintenance or inspection purposes of fire dampers, smoke dampers, heater coils etc...
- 2) Remove the panel from the frame by opening the sash cam locks provided on the panel.
- 3) For internally insulated duct use the panel as a template by laying out on duct in position of choice and mark out a cut line. Refer table dim. C x D.
- 4) For externally insulated duct mount use the frame as the template and mark out its' internal edge for a cut out line. Refer table dimensions A x B.
- 5) Using a sharp pair of snips, neatly cut out slug from duct / housing.
- 6) Using mastic or silicon sealant seal surface between panel frame and duct / housing to reduce leakage before mechanically fixing frame to duct with rivets or tek screws.
- 7) Cover any sharp internal edges after installation of panel frame, ensuring foil faced insulation is also sealed off. NOTE: This will help to prevent insulation being torn and/or dislodged from ductwork during normal system operation or maintenance.
- 8) Insert panel into frame and close off sash cams for a tight seal

CONSTRUCTION

ACCESS DOORS have been constructed from a galvanized frame with a double-walled panel, which has been fastened into the frame airtight. The frame will be fixed into the duct. The panel has been performed double-walled. In order to get a good thermic insulation a filling of a 25 mm glasswool has been added. A sealing ring, fixed to the panel provides an air tight sealing until 2000 Pa. Quick-acting closures see to that taking off and putting back the panel will take no more than a second.



LIABILITY:

The information contained in this brochure was current on the publication date. DEC INTERNATIONAL reserves the right to make changes in details at any time without prior notice. In order to avoid misunderstandings, any interested party is advised to contact DEC INTERNATIONAL checking for any changes in materials and/or information after this brochure was published.

PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

TRADEMARKS:

DEC International and the DEC logo are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

