

# Model AD

## Access Door

### Introduction

KMC manufactured "Access Doors" are suitable wherever access will be needed into ducting on a regular basis and designed to provide convenient access to the duct for inspection and servicing of coils , resetting of Fire Dampers, Volume Dampers, Motorized Volume Dampers , Filters etc..

Also Access doors are undoubtedly the fastest and easiest way to access ducting internals.

Neoprene gasket seal on the frame helps reduce leakage between the liner and outer frames.

### Application

- The AD Door has been designed to create an airtight seal between the door to the frame and the frame to the duct.

### Features

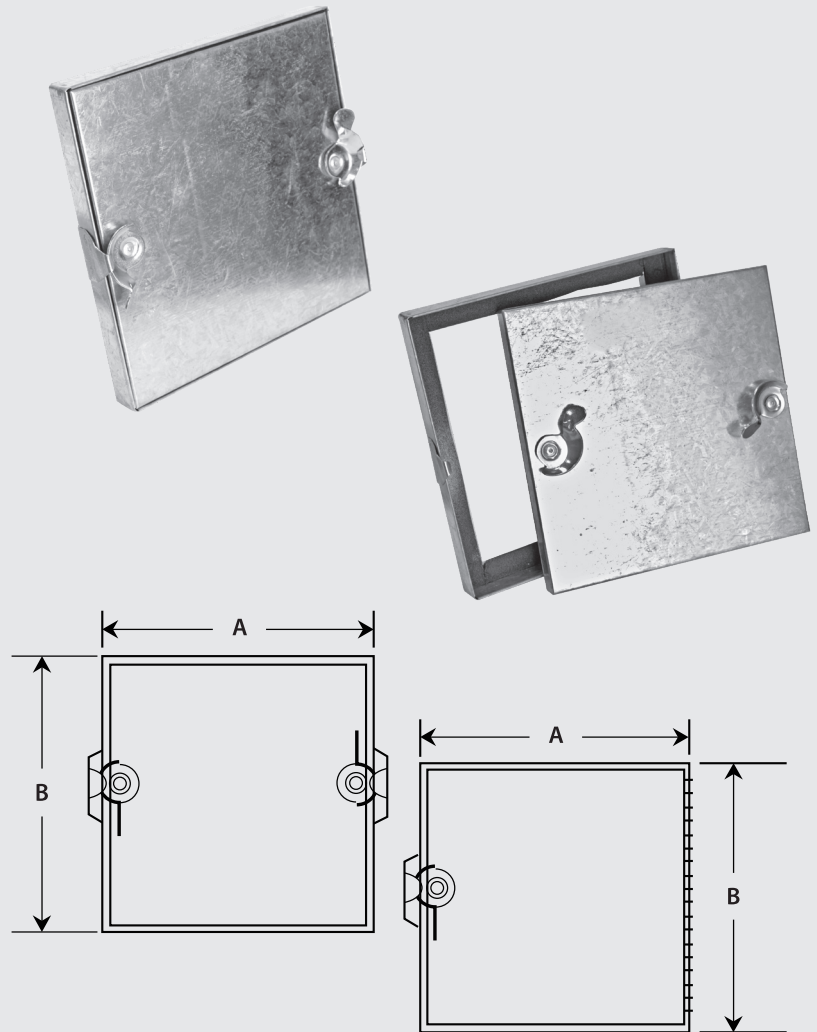
- Door panel is constructed out of 24 ga (0.7mm) galvanized steel
- With a 25mm / 50mm thick fiberglass insulation
- Frame 24 ga (0.7mm) galvanized steel - For Sizes 150mm x 150mm upto 300mm x 300mm
- Frame 22 ga. (0.85mm) galvanized steel - For sizes 350mm x 350mm upto 600mm x 600mm)
- Punched steel tabs along each side, which locks the frame into the ductwork.
- Comply with SMACNA's low pressure duct standards.

### Option

- Standard Door (Not Hinged)
- Equipped with either single or double cam lock latches
- Hinged Door
- With a zinc-plated continuous hinge and one or two zinc-plated cam latches.
- Various sizes can be manufactured on request.
- Access doors for medium and high pressure duct system as per SMACNA
- Access doors in Stainless Steel / Aluminium

### Installation

- Use door frame as template for making the duct opening. Insert door frame into duct opening and crimp mounting tabs to duct interior for a secure installation.



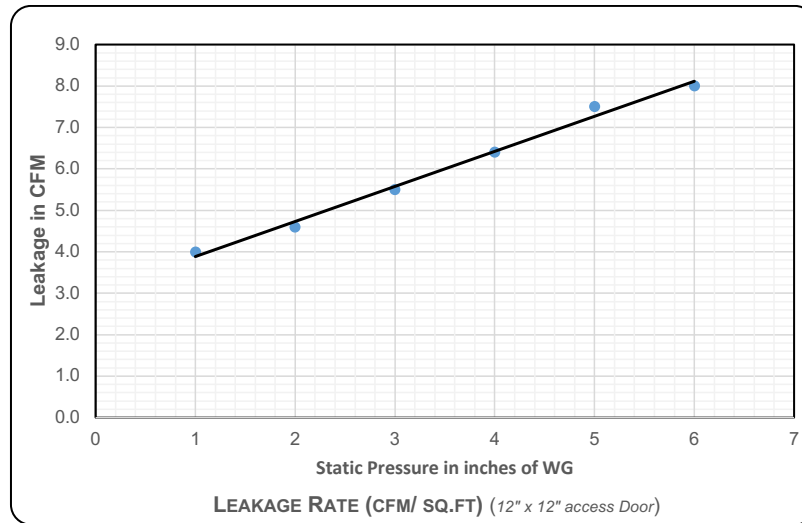
### Dimensions

Size (A x B) (mm)	Hinged AD Latches Qty.	Standard AD Latches Qty.
150 x 150	1	2
200 x 200	1	2
250 x 250	1	2
300 x 300	1	2
350 x 350	1	2
400 x 400	2	4
450 x 450	2	4
500 x 500	2	4
600 x 600	2	4

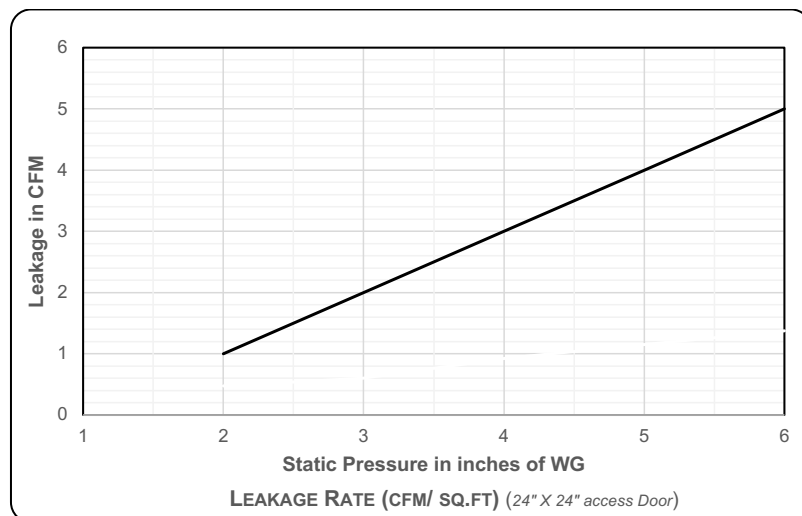
### Product Selection Check List

- Select Unit size based on desired Duct opening size.
- Select Unit type based on desired panel material and thickness .
- Select Unit type based on Installation requirements ( Standard Latches or Hinged type ).

### Typical Performance Curve



**PERFORMANCE DATA - 12" X 12" (300mm x 300mm) ACCESS DOOR**



**PERFORMANCE DATA - 24" X 24" (600mm x 600mm) ACCESS DOOR**