

Access Doors



Our Product Ranges

Dampers

- 1 Fire Dampers
- 2 Fire / Smoke Dampers
- 3 Volume Control Dampers
- 4 Motorized Control Dampers
- 5 Pressure Relief Dampers /Non Return Dampers

Variable Air Volumes

- 6 Pressure Independent VAV
- 7 Constant Air Volume VAV
- 8 By Pass VAV

Louvers

- 9 Sand Trap Louvers
- 10 Acoustic Louvers
- 11 Stationery Louvers / Architectural Louvers
- 12 Storm Louvers
- 13 Weather Louvers

Sound Attenuators

- 14 Rectangular Sound Attenuators
- 15 Circular Sound Attenuators
- 16 Crosstalk Attenuators

Electric Duct Heaters

- 17 Flange & Slip 'n' Type
- 18 Modulating & On/Off Type

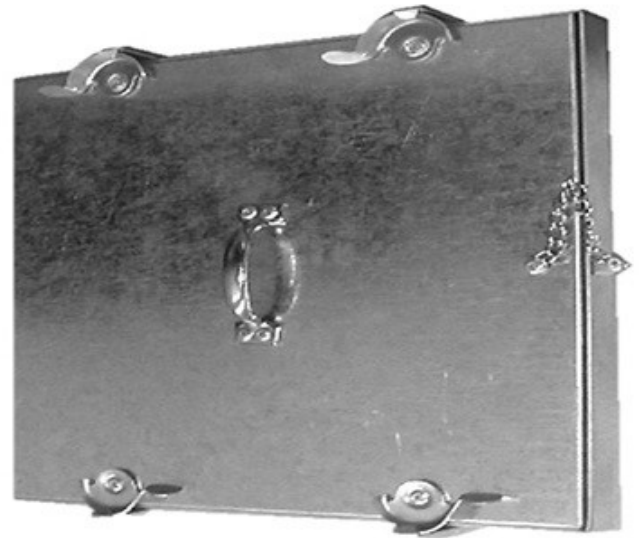
Air Outlets

- 19 Registers & Grilles
- 20 Diffusers (Linear Diffusers, Sq. & Rect. Ceiling Diffusers, Round Diffusers, Jetflow Diffusers)
- 21 Swirl Diffusers & Disc Valves
- 22 Drum Louvers



Model : AHS 100 AD

Airwellcare Square and Rectangular Access Doors are designed for ductwork, access to dampers, duct cleaning inspection and maintenance purposes. Complies with the latest DW144 leakage specification.



Standard Construction Details

Frame

Frame is manufactured from 20 Gauge galvanised sheet steel (1.0mm) folding over into the duct opening.

Door

Door is manufactured from 20 Gauge Galvanized Sheet steel with 25mm Thick, double skinned construction.

Hinges & Camlock

Continuous Hinges are fixed on one side and other sides are fitted with Galvanized Cam locks.

Insulation

The insulation which is contained between the door panels has got excellent thermal & acoustic properties with a density of 45 Kg/m³.

Standard Sizes

Standard Sizes & Combinations
Width x Height (mm)

Width	Height
100	100
150	150
200	200
250	250
300	300
350	350
400	400
450	450
500	500
550	550
600	600
650	650
700	700
750	750

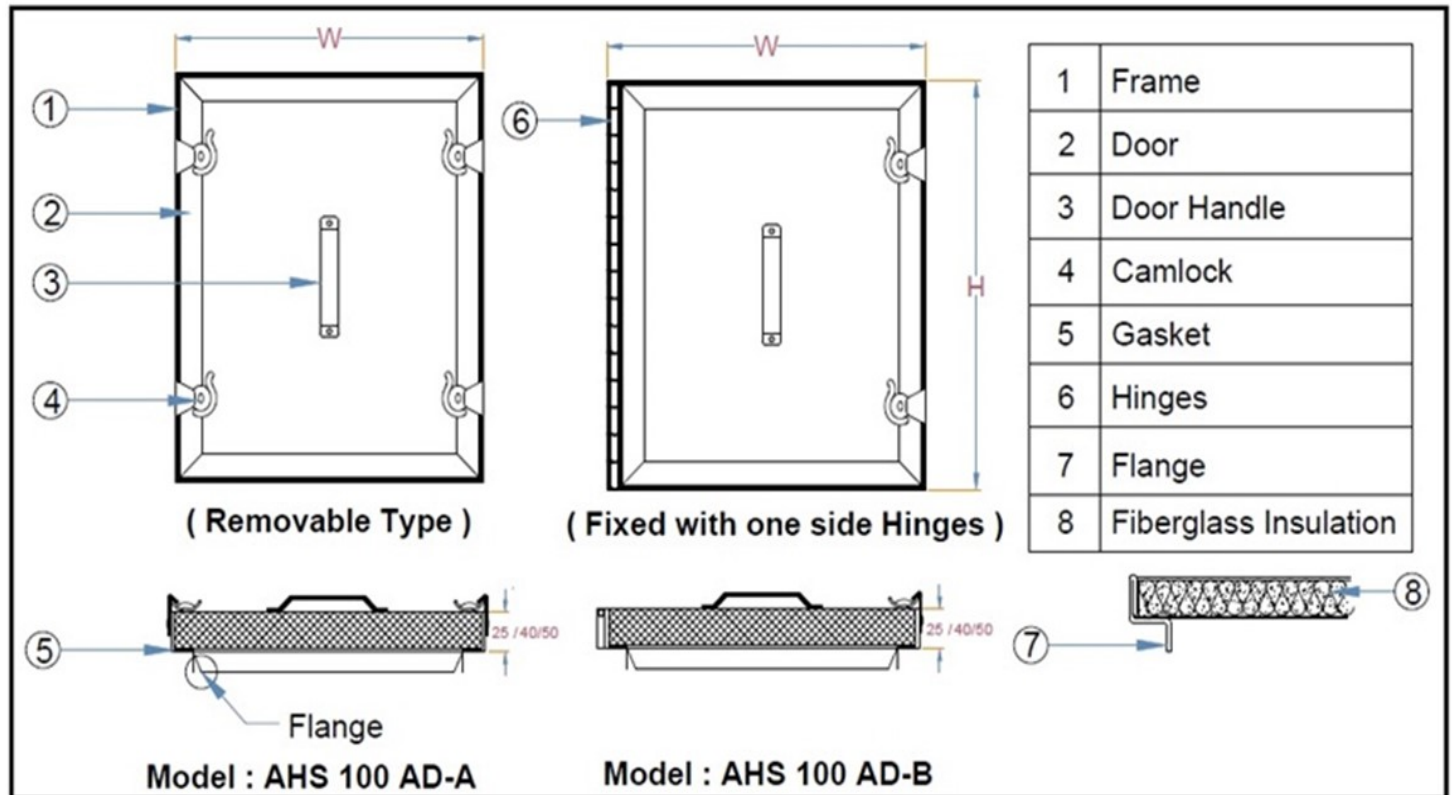
Optional Constructions

- Frame & Door above 20 Gauge Galvanized Steel
- Complete Construction with Stainless Steel
- Door can be supplied without Insulation or with 50mm Thick, Insulation.

Sealing Gaskets

The frame incorporates a compression sealing gasket. Neoprene Gasket seal of thickness 3 mm provided for ensuring low leakage performance.

Dimensional Details



Features

- Suitable for high, medium and low pressure applications
- Effective progressive action camlocks
- Thermally and acoustically insulated
- Fast and simple to install
- Complete with sealing gaskets

Insulation Property

- Non combustible when tested in accordance with BS 476 : Part 4: 1970 & ASTM E-136.
- Fill material is class-I as tested in accordance with ASTM-84.
- Tested for Temp. upto 750° C in accordance with DIN 52271.
- Inert, vermin-proof, weather rated non combustible acoustic infill.

How to Order :

AHS 100 AD - A - Removable Type with all sides Camlocks
 AHS 100 AD - B - With one side Hinged & other side Cam locks



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