

Z Door Vertical stacking sectional industrial doors

Technical Specifications



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Advice Line 0800 072 3444

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The Z Door is a vertical stacking sectional industrial door that retracts into a compact space when open. An insulated CFC-free curtain delivers security and can be modified to be fully panoramic. This door can be manual or electric operation, with RAL powder coating options. Available in a maximum width of 5000 mm (fully glazed glass) or 8000 mm (solid curtain).

Product Overview

Description

The Z Door is a vertically stacking sectional door for use in industrial premises. The folding design is patented to retract into a compact space above the door lintel so to avoid the requirement of the traditional running track and save the valuable high level space behind the door, allowing space for equipment such as vehicle lifts, cranes or lighting.

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The CFC free curtain is insulated and can be fully panoramic to allow maximum vision whilst retaining its security and its thermal values.

Common use

This sectional door can be used in applications where a compact industrial door system is required allowing space to be used behind the door at high level. The full panoramic system gives an attractive frontage for commercial and industrial premises such as vehicle workshops, garages, MOT stations, fire stations and distribution warehouses.

Maximum Width

5000 mm wide fully glazed glass

8000 mm wide solid curtain

Panels

The insulated solid door panels are 610mm x 40mm thick in a stucco design, composed of CFC free foam in an aluminium frame.

- Insulated value of K 0.76 m2k
- Sound reduction of 20dB
- Wind resistance Class 3
- Water penetration class 2
- Air permeability Class 2
- Double glazed acrylic panoramic windows are 17mm thick with an Insulation value of K 2. 8W/m2

Operation

A three phase IP54 motor with either a crank handle or low level hand chain operates the Sectional door in conjunction with a cable tension system incorporated at high level. To ensure CE legislation is fully complied with EN-12604 & EN 12453, a fall save safety device is fitted. An automatic lock system is engaged when in the closed position to prevent unauthorised entry. A full range of operation controls are available for these industrial doors.

Panel Finish

Solid panels and frames can be powder coated in 8 colours RAL 3002, 5010, 5017, 6005, 7016, 7032, 9002 or anodised aluminium.

Panel Hardware

The Z Door panel, hardware comprises of integrated hinges, standard in stainless steel with powder coating.

Guide Tracks

174mm x 90mm Galvanised steel guides

Seals

All HAG Z Door sectional doors have rubber seals between the door panels and surrounding the door outer edges ensuring a tight draft seal. Also as standard are rails and finger protection with warning strips.

Other Options

Safety glass, rectangle windows, Oval Windows, Double Glazed windows of various configurations and designs, Personnel doors and Safety equipment. Product specification may change and it is advisable to consult with HAG technical advisors before specifying or ordering. HAG operates a policy of continuous improvement.

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