

Vertical lifting fabric door

ASSA ABLOY VL3190 Megadoor

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in door opening solutions



Custom design vertical lifting fabric door

The ASSA ABLOY VL3190 Megadoor vertical lifting fabric door is the preferred door model for the extremely large door openings needed for aircraft hangars and shipyard halls, it serves equally well in any door application where innovative design will make a positive difference to the construction cost and subsequent operating efficiency.

The unique design and structure offers durability, tightness, energy efficiency, operational reliability and minimum maintenance. Every door is individually designed to meet application requirements, for example wind load.

The main advantages of the unique ASSA ABLOY VL3190 Megadoor are:

- Robust design
- Operational reliability
- Low maintenance cost
- Well sealed
- Flexible design
- Suitable for tough industrial environment
- Top-class safety and quality

Multiple doors with unlimited width

- There are almost no practical limits to the size and configuration of the ASSA ABLOY vertical lifting fabric door.
- In some cases (extremely wide openings for example), it is a good idea to divide openings into several smaller opening sections. With ASSA ABLOY swing-up mullions separating door leaves, this permits a virtually unlimited opening width.
- Doors in multiple door arrangements can be opened individually or, if the entire opening width is needed, all together.

Optimum hangar doors

- The use of multiple ASSA ABLOY VL3190 Megadoor sections allows hangars to be constructed with optimum cost-efficiency, while also permitting advanced building design.
- No ground tracks are needed, so there is no risk of door malfunction due to snow, ice or sand drifts.

Technical Data

Max size (W / H) ¹	19000 / 20000 mm
Door leaf thickness	290 mm
Guide rails material	aluminium
Vision panels	optional
Wind load resistance (differential pressure)	can withstand almost any wind load by varying the size and the spacing of the intermediate sections.
Sound reduction (standard)	15 dB Rw (ISO 717)
Water resistance, EN 12425	class 3
Air permeability, EN 12426	class 2-3 depending on door size
Thermal transmittance, EN 12428	depending on door size, specific data on request
Normal opening speed	0,2 - 0,3 m/s
Operating environment temperature range	-35°C to +70°C
1) Other sizes on request	

