

# CHAMPIONDOOR®

Aircraft Hangar Doors







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## Aircraft Hangar Doors

Champion Door fabric fold-up doors with swing-up mullions is the excellent solution for very large door openings. This makes our hangar door most suitable for airplane and helicopter hangars.

Champion Door's hangar door technology meets the world's most stringent requirements for fabric fold-up doors in the US, NAVFAC UFGS-08 34 16.20.

Champion Doors are always designed to meet individual client's needs and satisfy all requirements. Unique door construction gives ability to stay sufficient in any kind of environments. The doors withstands extreme wind loads, works well in the arctic coldness or scorching hot deserts. Champion Door makes sure that its products can endure heavy-duty industrial wear with low maintenance costs.

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The innovative multi-leaf door system design with swing-up mullions permits to manufacture the door according to the aircraft fleet shape, with maximum space utilization.



Aircraft Hangar Doors  
 Door sizes: 37x15/13 m, 23x10 m, 30x11 m (3 pcs)  
 Tallinn, Estonia

**KEY FEATURES**

- No size limitations
- Wind classes 2-5 according EN12424
- Thermal value with extra thermal insulation up to 0,57 W/(m<sup>2</sup>•K) according to EN12428
- Opening speed 0,16 to 0,5 m/s
- Weight of PVC-fabric 900g/m<sup>2</sup>
- Meets NAVFAC UFGS-08 34 16.20 requirements

Multiple hangar door  
 100x16 m Philippines



**COLOUR CHOICES**

- Standard colours:  
 White, Light grey, Grey, Blue
- Optional colours:  
 Red, Yellow, Light blue, Dark blue,  
 Green, Dark green, Matt red,  
 Black and Translucent

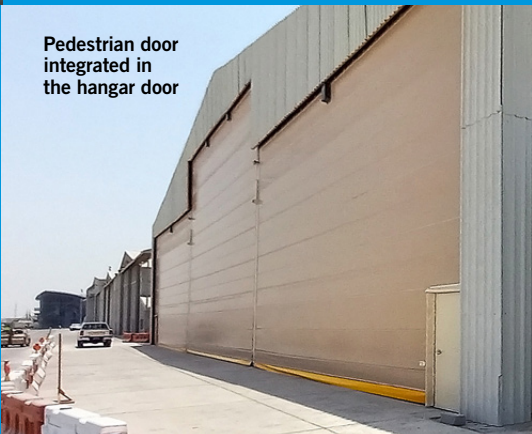
Hangar Door 26x10 m  
 NATO Air Base, Denmark



**OPTIONAL ACCESSORIES**

- Vision line
- Additional insulation
- Additional soundproofing
- Emergency opening
- Connectors for additional equipment and hardware
- Special fabrics from - 60° to + 200°
- Sound and light alarm
- Indication of door working process to the manufacturer's PC
- Burglary protected fabric
- Automatic mullion's locking system
- Pedestrian door

Pedestrian door  
 integrated in  
 the hangar door



**EXCLUSIVE SOLUTIONS**

- Special solution for aerospace paint booths according to the ATEX directive in potentially explosive atmospheres.
- Door operation with independent power supply without mains connection (emergency opening)
- Mullion with independent power supply system (same as in doors)

Multiple hangar door  
 in Norway, 36x11 m



**KEY ADVANTAGES**

- No thresholds or floor tracks
- No small expendable materials in door construction
- High operational reliability
- Long lifetime
- Low life cycle costs
- Minimal service cost
- Withstands extreme weather environments
- Good corrosion resistance
- Leakproofness door construction
- Low power consumption



## SPECIFICATIONS AND ACCESSORIES:

### MAIN FEATURES

Thermal value	With extra thermal insulation up to 0,57 W/(m <sup>2</sup> •K) according to EN12428	
Wind load resistance	Wind classes 2-5 according EN12424	
Max door size	no size limitations	
Control system	electronic and programmable	(s)
Control	3-push button impulse control radio control pull switch control radar control induction loop control	(s) (o) (o) (o) (o) (o)
Safety devices	fall arresters impact sensor in bottom beam wind locks photocell laser light curtain	(s) (o) (o) (o) (o)
Optional accessories	swing-up mullion system windows (vision line) extra thermal insulation soundproof burglar resistant fabric hydraulic emergency opening touch screen operation secure remote control SRC	(o) (o) (o) (o) (o) (o) (o) (o)

(s) = standard (o) = option



The company Champion Door perform annual servicing and safety inspections during the guarantee and post guarantee period according to a separate maintenance agreement.

# CHAMPIONDOOR®

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