

CHAMPIONDOOR®

Aircraft Hangar Doors





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Champion Door 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 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.



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;
- High resistance to wind load = 1 kN/m² (wind speed = 41 m/s and more);
- NK4 Warm with standard insulation wool u-value 0,71 W/(m²•K), with additional insulation up to 0,57 W/(m²•K)
- Opening speed = 0,2 to 0,5 m/s
- Weight of PVC-fabric 850g/m²



COLOUR CHOICES

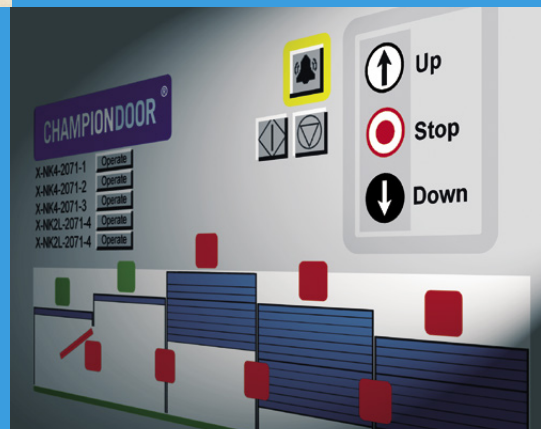
White RAL 9016, Beige RAL 1001, Yellow RAL 1003, Red RAL 3002, 3011, Green RAL 6000, Dark green RAL 6005, Light blue RAL 5012, 5015, Blue RAL 5005, Dark blue RAL 5002, Grey RAL 7035, 7037, 7038, 7024, Brown RAL 8016, Black RAL 9011 and translucent



Hangar Door 26x10m
NATO Air Base,
Denmark

OPTIONAL ACCESSORIES

- Vision line
- Additional insulation
- Additional soundproofing
- Emergency opening
- Connectors for additional equipment and hardware
- Special PVC-fabric - 60° to + 200°
- Sound and light alarm
- Indication of door working process to the manufacturer's PC
- Anti-vandal titan mesh
- Automatic mullion's locking system



EXCLUSIVE SOLUTIONS

- Special solution for aerospace paint booths according to the ATEX directive in in potentially explosive atmospheres.
- Hangar door with independent power supply for operation in hangars without electricity
- Mullion with independent power supply system (same as in doors)



Hangar Door 93x29m
Toulouse, France

KEY ADVANTAGES

- No guide rails at the doorstep & smooth surface of the floor.
- No floor tracks
- No small expendable materials in door construction
- High operational reliability
- Long lifetime
- Cost-effective in operation
- Minimal service cost
- Resistance to extreme weather environments
- Door components are not exposed to corrosion over a long time
- Leakproofness door construction
- Low power consumption

SPECIFICATIONS AND ACCESSORIES:

MAIN FEATURES

Thermal value	NK4 Warm with standard insulation wool u-value 0,71 W/(m ² •K), with additional insulation up to 0,57 W/(m ² •K)	
Wind load resistance	1 kN/m ² any windload	(s) (o)
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®

Champion Door Oy

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