

# DAN-FREEZE 80 / 100 / 160

THE COST-EFFECTIVE HIGH SPEED DOOR



MINIMAL  
ENERGY LOSS



A BETTER  
INVESTMENT



EFFICIENT  
LOGISTICS



MINIMAL  
OPERATIONAL COSTS

# High Quality Solutions - Made in Denmark



DAN-doors has more than 40 years of experience in developing and producing custom-made door solutions for industry and business. Our success is built on a solid foundation of innovation and development, quality materials and solid Danish craftsmanship. The combination of advanced engineering, uncompromising material selection and skilled production staff ensures that DAN-doors' solutions both meet and exceed the highest standards of durability and performance.

We know how crucial it is for your cold storage warehouses to run efficiently and smoothly around the clock. This is why our insulated High Speed doors are designed to be extremely reliable with zero - or minimal - service costs. Our state-of-the-art technology and innovation ensure that you can have full confidence that the doors will perform optimally - year after year.

When you choose DAN-doors as your partner, you choose a company who understands your business. We are known for delivering solutions that not only solve your immediate needs, but also provide peace of mind far into the future. With DAN-doors you get far more than just a door solution - you get a partner, who stands behind you with quality, experience and reliability in everything that we do.



## WE MEET THE DEMANDS OF THE LOGISTICS INDUSTRY

### DAN-freeze High Speed doors

DAN-freeze is a family of highly insulated doors designed to optimise processes in busy warehouses.

The high speed of the High Speed doors ensures efficiency and smooth traffic, and the high insulation capacity of the doors allows them to stand alone 24/7 without the need for an extra sliding door at night.

### Minimal service costs

DAN-freeze 80/100 and 160 are extremely robust. They are designed to operate around the clock with a very high level of reliability.

The doors have no (or minimal) repair and service costs, which is a valuable feature in a busy industry where service and downtime are costly.

### Quality that lasts

We use only the highest quality stainless steel, ensuring that our products can withstand decades of wear and tear, even under the most demanding conditions.

This commitment to quality is reflected in every single component and is one of the reasons why we are among the leading door suppliers for businesses around the world.



### MINIMAL ENERGY LOSS

The DAN-freeze doors have a high insulation capacity and a lightning-fast opening and closing speed, making it possible to reduce opening intervals.



### A BETTER INVESTMENT

The DAN-freeze doors can stand alone 24/7 down to minus 30° without freezing, and there is no need to invest in more than one door per doorway.



### EFFICIENT LOGISTICS

The doors have a lightning-fast opening speed and provide smooth and efficient traffic, making them fully competitive with non-isolated high-speed doors.



### MINIMAL OPERATIONAL COSTS

DAN-freeze doors are robust and heavy-duty with a very long cycle. They withstand hard collisions, and any damage caused by collisions is easily repaired without calling for service.

## DAN-FREEZE 80

AR0081F



### Stainless steel High Speed door for freezer rooms

DAN-freeze 80 is an insulated High Speed door with strong insulation performance.

Designed for high-traffic freezer rooms in places with limited headroom, the door is a reliable solution developed to withstand the knocks and bumps that can occur in a busy everyday life.

The 80 mm thick fabric combined with the door's lightning-fast opening and closing speed creates favourable conditions for reducing cold and heat loss to a minimum, and it is a well-proven solution for cold rooms wherever high efficiency is required.

The DAN-freeze 80 is an extremely robust door with minimal maintenance costs and is an ideal choice for warehouses, shipping companies, airports and manufacturing companies, among others.

#### SPECIFIKATIONER

Max. width	4000 mm
Max. height	4000 mm
Frame	1 mm stainless steel
Automatics	3 x 400 V / 50-60 Hz
Opening / closing speed	1,5 m/sek - 0,5 m/sek
Door leaf	80 mm insulated canvas
Purpose	Freeze

- ✓ Light grid in the frame legs up to 2500 mm.
- ✓ Insulated door fabric with low U-value of 0,45 W/m<sup>2</sup> x k.
- ✓ Adjustable heat cables in the frame legs.
- ✓ Reliable construction with minimal maintenance costs.
- ✓ Fast opening and closing speed ensures optimal logistics in the workplace.

## DAN-FREEZE 100

AVR1001F

### Stainless steel high-speed door for freezer rooms

DAN-freeze 100 is a fast, reliable and silent insulated high-speed door for cold rooms.

The door is equipped with a 100 mm patented slatted fabric, whose material and insulation properties allow it to stand alone 24/7 without a night door down to minus 30°.

The DAN-freeze 100 is extremely robust and can withstand the knocks and bumps of everyday life without the need for service or repairs, and it has an extremely high cycle and very long lifetime with minimal maintenance costs.

The vertical construction saves space in the room and makes it possible to utilise the space in front of the upper part of the door for pallet storage, making it an obvious choice for warehouses, logistics centres and other cold rooms that need a fast door with excellent insulation performance.



#### SPECIFIKATIONER

Max. width	3500 mm
Max. height	3500 mm
Frame	1 mm stainless steel, 2 mm stainless steel
Automatics	3 x 400 V / 50-60 Hz
Opening / closing speed	1,5 m/sek - 0,5 m/sek
Door leaf	100 mm insulated canvas, PE foam LD25
Purpose	Freeze

- ✓ Light grid in the frame legs up to 2500 mm.
- ✓ Insulated door fabric with low U-value of 0,34 W/m<sup>2</sup> x k.
- ✓ The vertical function of the High Speed door minimises the space requirement in the room.
- ✓ Reliable construction with minimal maintenance costs.
- ✓ Fast opening and closing speed ensures optimal logistics in the workplace.

## DAN-FREEZE 160

AVR1601F



### Stainless High Speed door for freezer rooms

DAN-freeze 160 is an insulated high-speed door with an extremely high insulation capacity.

The door is equipped with a 160 mm thick fabric and is designed for cold rooms where smooth passage is needed when there is traffic and extra protection against ice formation during periods with lower passage frequency.

The DAN-freeze 160 is an extremely robust and durable High Speed door. It is extremely reliable and has a very long service life with no - or very low - maintenance costs.

The 160 mm thick fabric effectively protects against energy loss while the door is closed, and the door's lightning-fast opening and closing speed limits the opening intervals.

### SPECIFIKATIONER

Max. width	4000 mm
Max. height	4000 mm
Frame	1 mm stainless steel
Automatics	3 x 400 V / 50-60 Hz
Opening / closing speed	1,5 m/sek - 0,5 m/sek
Door leaf	160 mm insulated canvas
Purpose	Freeze

- ✓ Light grid in the frame legs up to 2500 mm.
- ✓ Insulated door fabric with low U-value of 0,23 W/m<sup>2</sup> x k.
- ✓ The vertical function of the High Speed door minimises the space requirement in the room.
- ✓ Reliable construction with minimal maintenance costs.
- ✓ Fast opening and closing speed ensures optimal logistics in the workplace.



## CASE: NAGEL GROUP

During 2023, DAN-doors has delivered 60 high-insulated High Speed doors with 80 mm, 100 mm and 160 mm insulation to five of Nagel-Group's logistics centres in Germany. These are both replacements for existing solutions in established logistics centres and deliveries to several of Nagel-Group's newly built centres across Germany.

### Maximum efficiency - minimum maintenance costs.

DAN-freeze makes it possible to operate with high efficiency in high-traffic areas, and the doors are designed for the busy everyday life of logistics centres, where collisions and rough handling are commonplace.

The door leaf is made of robust slats that cannot be broken or dented, and if the door is hit, the fabric is pushed out of the frame legs so that neither the door, truck nor

driver is injured. Similarly, it is easily pushed back into the frame legs and is ready to go without the need for professional assistance. This flexibility gives the logistics centre the peace of mind of not having to take a door out of service if it is hit, and the doors therefore run at a very high cycle 24/7 with no (or very few) service costs.

DAN-doors is the only door manufacturer in the world that can produce High Speed doors with such thick insulated slats, and the slat system ensures that the doors can withstand temperatures as low as minus 30° Celsius without freezing.

This property makes the doors suitable as stand-alone solutions, meaning there is no longer a need to invest in a sliding door for night-time use.

See a video with the DAN-freeze-doors here:

## ■■■ DOOR MANUFACTURER AND TRUSTED PARTNER

As a door manufacturer, it is our responsibility to ensure that our customers get the right solution. We invest our time and knowledge in identifying what it takes to make the door a long-lasting investment for you, so you don't risk unnecessary replacement due to conditions you are not aware of.

It is crucial to us that our solutions provide value for many years to come, and over the years we have built up extensive experience of what criteria are important for solutions for the logistics industry.

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