

NORDIC[®] door ab



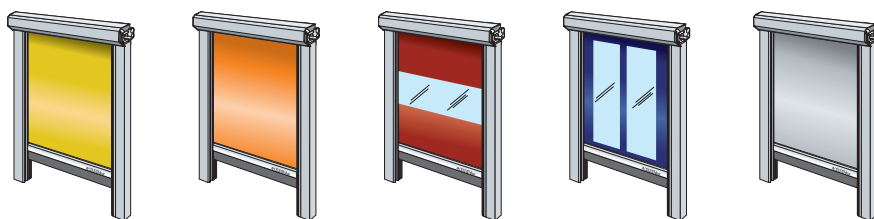
NORDIC 344-safe – Robust, superfast door with patented design

Compact, efficient and safe.
NORDIC 344-safe is the smartest way to shut out draft, dust and noise retaining a high level of personal safety.

Innovative design with few wear parts makes it a door for millions of openings with a minimum of maintenance.

- **Super slim frames**
For minimal space requirements
- **Super-fast opening**
Advanced Vector- control with Soft start/ soft stop

Width: max 3500mm
Height: max 3500mm



The door panel – with patented safety

The door panel of the *NORDIC 344-safe* is a 2mm, PVC coated double reinforced woven fabric, which is extremely resistant to wear. It has a smooth finish and is resistant to most chemicals. The door panel is approved for use in food manufacturing and has carbon fibres woven into the fabric to protect it from static electricity.

The panel can also be supplied with a seamless, full width flush joint transparent vision panel.

New and unique is the door panel with a patented fold which locks the door panel into the frames, making the door resistant to pressure differences.

The door panel is available in a choice of standard colours.

Side guides – super compact

The side guides, only 80mm wide, are made from heavy gauge anodised aluminium profiles in a compact design that can easily be taken apart.

Fitted inside the frames are the safety photo cell and its cabling.

Drive unit – fast and smooth Vector-drive

The drive unit- NORDIC DRIVE A-2 has a robust worm gear with a 1.1 kW AC- motor controlled by a PLC and an advanced Vector- inverter. The drive unit is designed to operate the door up to 6 openings per minute and has pulse coder built into a roller bearing in the gear. Soft start/ soft stop is standard and the opening speed can be set up to 2.5m/s.

Controls – with flexibility

NORDIC 344-safe has a flexible control system that can be programmed for all possible control functions. It can also be supplied with an UPS- battery backup allowing the door to be opened even in case of power supply failure.

The NORDIC DRIVE A-2 has a touch display that is used for programming the control and to provide status-information.

Alternative opening activators and customer specified controls are optional

Safety – meeting high standards

At the bottom of the door panel there is a self-monitoring electric safety edge which immediately reverses the door to open if obstructed. The signal from safety edge has a wireless connection to the door control system.

Additionally a safety photocell in the door line reverses the door to open position if interrupted.

Light curtains are optional.

Options – increasing the field of applications

NORDIC 344-safe can be customised to suit special requirements e.g. door panels for high temperature applications, ESD safe doors, etc.

Alternative actuators like pull cords, radar motion detectors, radio remote control, induction loop detector, etc. are available on request

For further information, please contact NORDIC door.