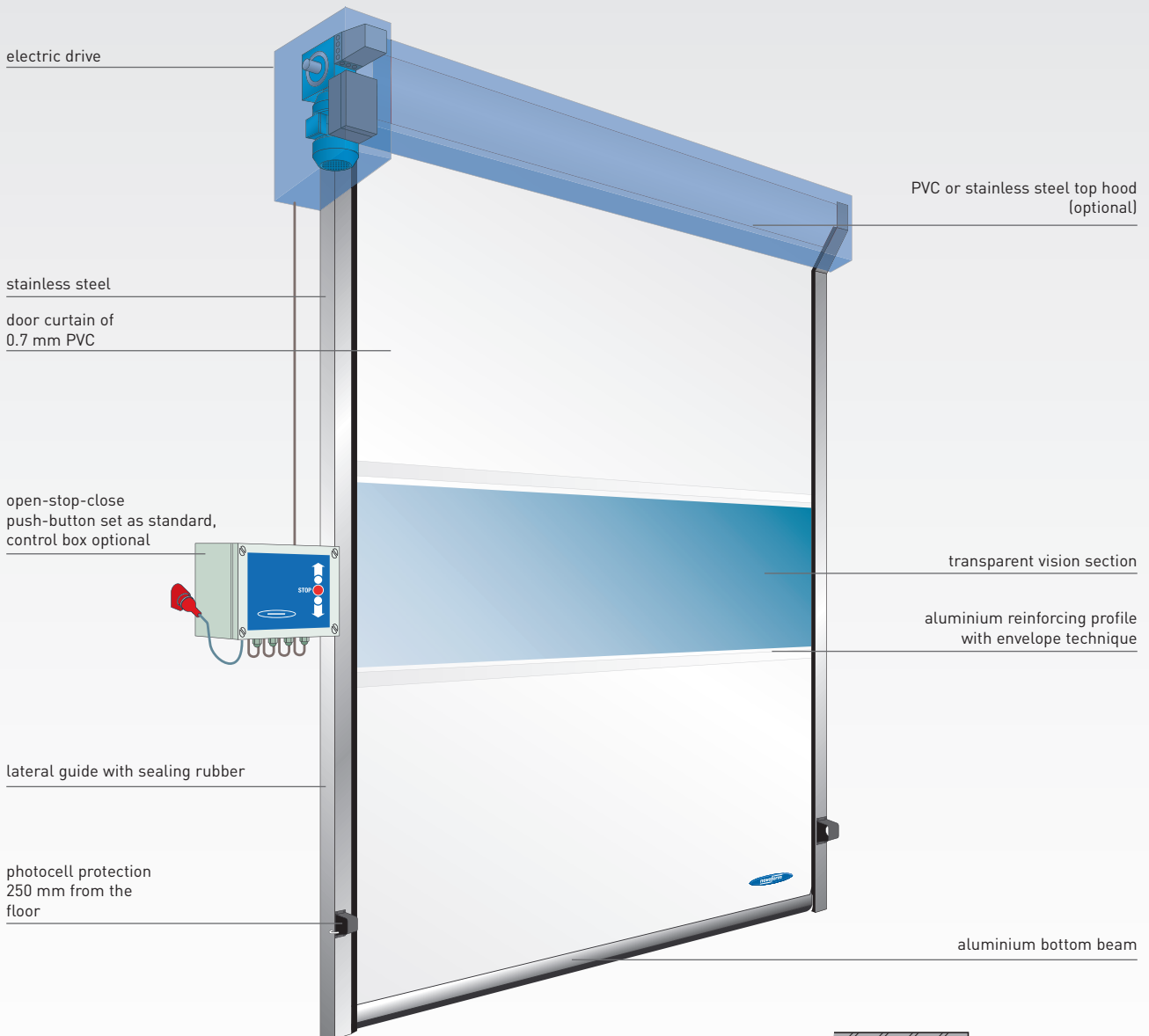


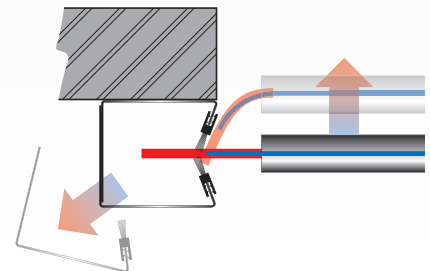
High Speed door Novo Speed Economic^{Food}

Industrial interior door to 9 m², wind resistant to 3 Beaufort



Properties

- max. surface area (WxH) = 9 m²
- max. W x H = 3000 x 3500 mm
- wind resistant to 3 Beaufort
- opening speed approx. 1 m/s
- closing speed 0.75 m/s
- 0.7 mm thick door curtain in blue (standard), grey, orange, black, green, white, red or yellow, including transparent vision section
- suitable for smaller interior openings, low wind load and light use.



Guide details with break-away function and hood removable from the lateral guide



The Novo Speed Economic Food is a High Speed door with electric drive. Applications include in the food industry with interior openings. Functionality includes energy saving, draught exclusion and climate control.

Components and construction

The Novo Speed Economic Food is a door without balance springs, consisting of an electrically driven door curtain rolled up on a roller above the opening. The door curtain is made of horizontal sections of polyester-reinforced PVC. The sections are fitted with aluminium 'sealed-in' reinforcement profiles. The door curtain has a transparent PVC vision section between approx. 1000 and 2000 mm from the floor. On the underside of the door curtain there is an aluminium bottom beam with rubber sealing profile. A U-shaped profile with rubber seals ensures lateral guidance of the door curtain. The side guides are one unit combined with the bearing plates for the fastening of the roller and drive.

Materials

The lateral guide is made of two stainless steel profiles with sealing rubber. These are removable for fast and simple installation and maintenance. The horizontal roller is specially treated steel. The bottom beam is aluminium. The door curtain is a 0.7 mm thick PVC with a polyester reinforcement inlay with vision section.

Colours

The door curtain is available in the colours blue (standard), grey, orange, green, yellow, black, red or white, including transparent vision section.

Dimensions

- max. width3000 mm
- max. height.....3500 mm
- max. surface area.....9 m²
- max. wind force3 Beaufort
- lateral space not driven side (at roller height)160 mm
- lateral space at the drive290 mm
- lateral space at the drive for fittingmin. 550 mm
- lateral space at side guide profiles110 mm
- space above475 mm.

Drive

The door is driven by an electric motor with reduction unit. The roller is directly driven. Drive side as specified right (standard) or left.

Control/operation

- the standard drive has no timer function
- the door is supplied with 1 open-stop-close button box

Other forms of operation that can be connected to the standard control box are:

- push-button, pull switch or radio control with 1-button hand transmitter. These all have the following functionality: first time of operation, the door opens; second time of operation, the door closes
- radio control using 3-button hand transmitter with open-stop-close function.

Performance

The opening and closing speeds are approx. 1.0 m/s.

Protection

- the door can be manually opened in the case of a power loss
- the bottom beam has a multilene 'anti-crash' function (without emergency stop).

Structural provisions and connection

- in normal circumstances no special structural provisions are required for the assembly and fitting of a Novo Speed Economic
- with the standard drive there must be a wall socket for the electrical connection within a radius of 500 mm of the drive (CEE form 3-NPE/400V/50Hz/16A)
- for a control box with frequency control there must be a wall socket within a radius of 500 mm of where the control box will be positioned (CEE form blue, 1 x 230V fused, slow operation 16 A and fitted with an circuit-breaker of at least 300 mA). As standard this is fitted at a height of approx. 1500 mm from the floor on the drive side.

Technical details electric motor

mains voltage standard.....	3N~400V/50Hz/16A
mains voltage with frequency control	LNPE~230V/50Hz/16AT
degree of protection	IP54
consumed power	max. 2.2 kW.

Extras (surcharge)

Control and operation

- control box with timer function (with operation the door automatically closes after a pre-set time). This control box is required for operation by radar or induction loop, but in principle any form of operation can be connected
- control box with frequency control with:
 - max. opening speed1.5 m/s
 - max. closing speed0.75 m/s
- half height' stop (for personnel access) ¹¹
- door interlock control in combination with another door ¹¹
- other connection values than 3N~400V/50Hz/16A.

Protection

- connection of traffic lights (red/green or red and green) ¹¹
- warning flashing light (orange or red) ¹¹
- electrical part in IP65.

Construction

- PVC or stainless steel hood over the roller
- PVC or stainless steel hood over the drive
- PVC or stainless steel hood over the roller and drive
- PVC hood in customer-specified RAL colour.

¹¹ the control box with timer function is required here