

# Nova Retail Fast Action Roller Door

Developed for Retailers



## Super fast interior door for retail stores

### Properties

- min. W x H = 700 x 2.000 mm
- max. W x H = 2.250 x 2.800 mm incl. mechanical emergency unlocking
- wind load resistance class 0 according to EN 12424, or up to 5 Beaufort (29 - 38 km/h)
- opening speed max. 2 m/s, closing speed 0.5 m/s
- 0,7 mm thick door curtain in blue, red, grey, orange, yellow, black or white
- full colour printing on the door curtain (on request)
- EN 13241 compliant

These days, supermarkets also have to look attractive. The Nova Retail Door puts the finishing touches to a successful in-store presentation. This fast action interior door with its opening speed of 2 m/s is not just one of the fastest of its kind, it also opens and closes in near silence. Perfect for energy saving, draught exclusion, climate control and the partitioning of rooms. Also, it improves the atmosphere in the shopping area with a beautiful, clear print.

Dimensions	
max. width (W)	2.250 mm
max. height (H)	2.800 mm
max. wind force	Class 0 / 5 Bft
required lateral space at the drive side guide	145 mm
required lateral space at the guide w. weight balancing	240 mm
required lateral space at slip on drive	410 mm
required space above door opening	460 mm
depth top hood	430 mm
required depth for mounting top hood	760 mm

#### Components and construction

The Nova Retail has a door leaf of 0.7 mm thick, made of a polyes-ter-reinforced plastic with a sturdy aluminium bottom beam. The steel columns with brush seals ensure the guidance of the door leaf. These form one taut unit with the brackets for the fastening of the roller and protective hood. The door is equipped as standard with door leaf balancing with weights

#### Materials

The guides are made of galvanised steel. The roller and the Hard-Edge bottom beam are made of Aluminium. The PVC door curtain has a polyester reinforcement inlay. The protective hood is available in PVC or galvanized steel. All used PVC parts can be recycled

#### Colours

The door curtain is available in the colours blue (standard), orange, yellow, black, grey, red or white. The door curtain can optionally be provided with windows, or the door curtain can be printed with your picture or logo (optionally). The finishing touch for your store!

#### Drive

The drive consists of an industrial slip on drive with built-in frequency control, as standard mounted on the right side of the roller.

#### Technical details electric motor

- mains voltage ..... LNPE~230V/50Hz/16AT
- degree of protection ..... IP65
- consumed power ..... max. 1,5 kW

#### Protection

- safety light curtain (IP65 and to max. height 2500 mm). If this curtain is interrupted by an obstacle the door will automatically fully open until the safety light curtain is freed again. This does not apply to the door in closed position.
- In the event of a power failure, the door opens automatically.

#### Performance

max. opening speed	2 m/s
max. closing speed	0,5 m/s

#### Structural provisions and connection

- in normal circumstances no special structural provisions are required for the assembly and fitting of a fast action roller door. The self-supporting construction must only be fixed at the floor and at the roller.
- there must be a wall socket within a radius of 500 mm of where the control box will be positioned. As standard the wall socket is fitted at a height of approx. 1500 mm from the floor on the drive side. The electrical connection must be a CEE form blue socket, 1 x 230V fused, slow operation 16 A and fitted with a circuit-breaker of at least 300 mA.
- with standard CEE-plug, the control box is IP54 compliant

#### Control and operation

The control system regulates a multitude of functions such as:

- adjustable open time continuously
- variable speed regulation by frequency control, for opening and closing the door
- service and run mode
- 7-segment display for controlling the various functions
- choice of permanently open or permanently shut

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

- operation by pull switch, key-operated switch, push-button, photocell, radar, induction loop detection or by radio control with transmitter and receiver



#### Available controls:

TS971, TS981

#### Extras <sup>1</sup>

- Control and operation
- additional controls as described above available at surcharge
- stainless steel IP65 control box with separate power plug
- door interlock control in combination with another door Protection
- connection of traffic lights (red/green or red and green)
- orange flashing light
- steel bumpers to prevent damage to the guide columns Construction
- FlexEdge bottom beam
- various window variants starting from 940 mm door with (two windows from 1710 mm door width)
- guide columns in customer-specified RAL colour
- full colour printing of the door curtain (on request)

<sup>1</sup> subject to surcharge



#### For more information:

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