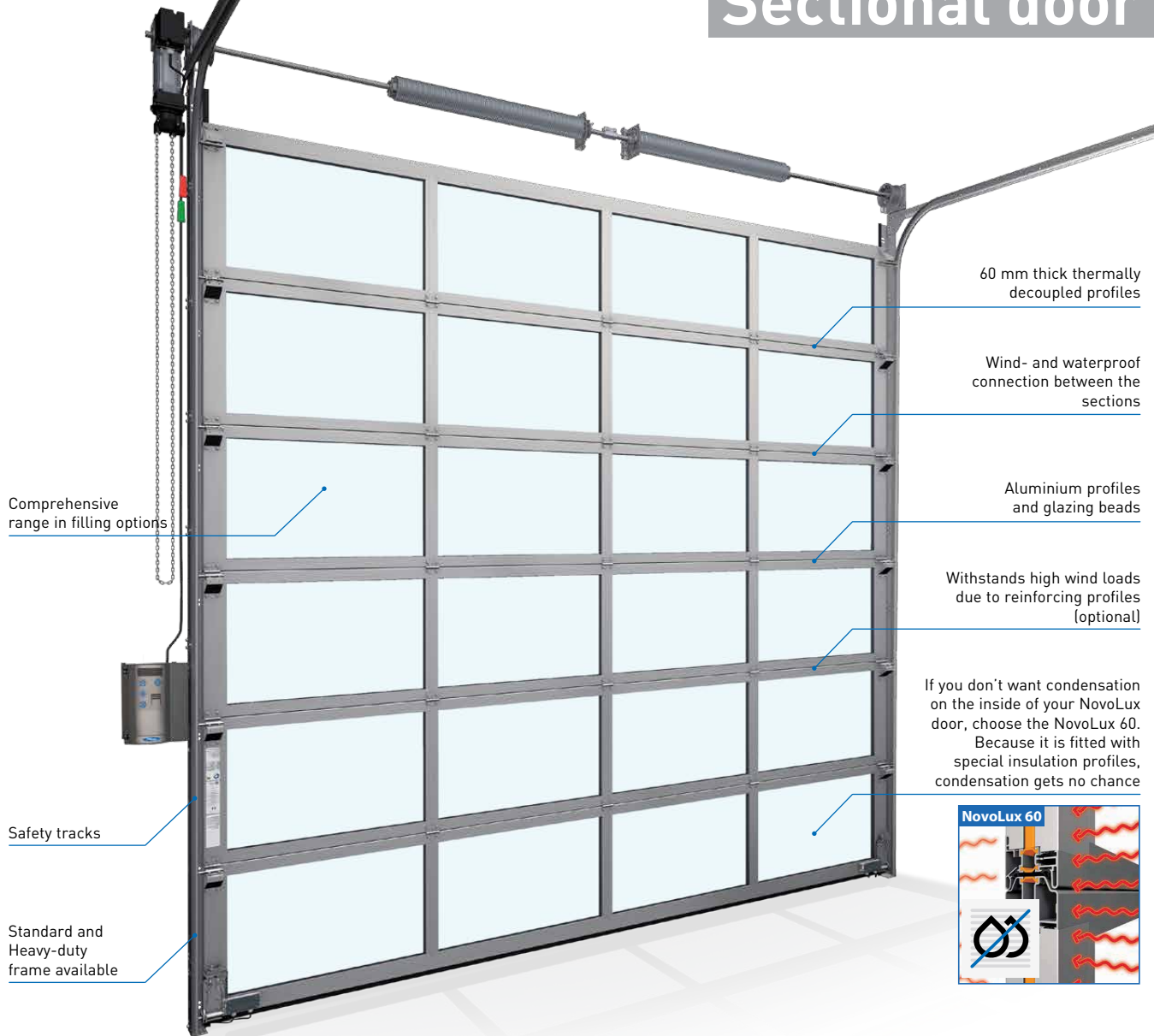


# Sectional door



## NovoLux 60

The innovative door with even more insulation

### Properties

- max. B x H = 8000 x 6000 mm, max. surface area (BxH) = 48 m<sup>2</sup>
- U-value NovoLux 60 mm sectional door: 5000x5000 mm: 2,35 W/m<sup>2</sup>Kn with triple glazing
- special thermally decoupled insulation profiles, with many possible panel filling options
- manual or electrically operated
- wind resistance class 3-4 according to EN 12424, or up to 12-13 Beaufort (118 - 149 km/h)
- integrated wicket door available
- EN13241-1 compliant



# NovoLux 60

In industrial environments where light and clear views are important, the NovoLux 60 mm sectional proves its strength. The door leaf of the NovoLux door consists of several sections. By applying specially sized aluminum profiles frame structures are manufactured with an extensive range of infill materials. Combine windows with aluminum cassette panels and choose translucent, colored, insulating or air permeable.

Dimensions	
max. width (W)	8000 mm
max. height (H)	6000 mm
max. surface area	48 m <sup>2</sup>
section thickness	60 mm
μ value at 5.000 x 5.000 mm	2,35 W/m <sup>2</sup> K

## Components and construction

The NovoLux 60 mm sectional door consists of horizontal panels that roll on a rail system under the ceiling. Torsion springs balance the door's weight, making manual operation possible. In addition to standard lift, extra lift, vertical lift, roof slope lift and low lift is available.

## Materials

- the NovoLux 60 door is one and a half times as thick as an NovoLux 40 door. Each aluminum profile is constructed of two halves, which are thermally decoupled by special plastic insulation profiles
- the sections can be provided with a wide variety of glass types and fillings
- total panel thickness 60 mm
- rails made of Sendzimir galvanized steel
- central hinges in galvanized steel
- door fittings in galvanized steel
- rollers with nylon wheels and chromed 11 mm shaft
- steel cables with sixfold safety
- plastic handle and foot bowl in the bottom section of manually operated doors
- top, side and bottom seal of insulating material
- seal between the panels of insulating material

## Surface treatment

- the aluminum profiles and glazing beads are clear anodized, but can be provided with a color coating as well<sup>1)</sup>
- the windows and panels can be delivered in a variety of finishes and colors. See the brochure for all possibilities<sup>1)</sup>

## Window and panel options

- many types of glass and plastic fillings available, each with different light transmitting and insulating properties
- but also double-walled and sealed sandwich fillings in multiple finishes and standard or RAL colors are available<sup>1)</sup>

## Drive

Manual control with cord or chain reel, or an electric motor with reduction gear. The control unit is available as standard with dead-man's control, pulse control or remote control.

## Technical details electric drive

- power..... 400V 3 ph / N + PE / 50Hz / 16A
- degree of protection..... IP 65

## Protection

- emergency hand chain hoist at operating height
- cable break protection (Optional)
- spring break protection (Optional)
- anti lift protection (Optional)
- according to EN 13241-1

## Control and operation

The control system has 3 buttons (open-stop-close) and regulates a multitude of functions such as:

- adjustable open time
- 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:

T100

## Structural provisions and connection (by others)

- separate technical data sheets detailing dimensional and structural requirements are available for all designs and track systems
- if an electric motor is specified, a CEE plug socket must be installed within 1 m of where the motor and/or control unit will be positioned [400V 3 ph / N + PE / 50Hz / 16A, by others]

## Options / accessories<sup>1)</sup>

### Control and operation

- additional controls as described above

### Protection

- leading photocell (without wiring at door)
- connection of traffic lights (red/green or red and green)
- warning flash light (orange or red)
- heavy shoot bolt with spring return
- outside locking cylinder
- electrical system complete in IP65

### Construction

- integrated, outward opening wicket door with closer and cylinder lock (max. Opening width 6000 mm)
- separate 'wicket door', next to the ISO door (custom made, with fixed panels above or next to the ISO door)
- customer-specified RAL coating on inside and/or outside of the sections (with the exception of fluorescent and traffic colours)
- adjusted wind restriction
- 30.000 or 60.000 cycle springs

<sup>1)</sup> subject to surcharge

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