

Delta Speed 7500 External High Speed Door

Product Data Sheet
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Product Description

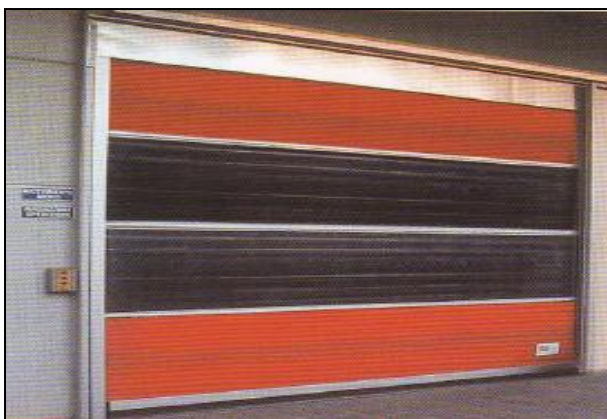
The Delta Speed 7500 high-speed door is one of our range of fast action doors, offering proven reliability for almost any application up to 6.0m wide x 6.0m high.

All Enerco high-speed doors are manufactured in modular design and are almost maintenance free. This results in outstanding operational reliability, fast and inexpensive repairs when damage occurs, as well as low operating costs.

This is especially true of this door with its modular curtain structure assembled by anodized aluminium extrusions and simple wind brace system essential for large doors.

High-speed doors protect from drafts, keep temperature zones at a constant temperature and insulate against noise. In addition to this, they help to improve the working atmosphere.

The motor, control and safety systems and the modular counterweight balancing system are neatly housed in the head assembly and vertical guides



Applications

- To minimise energy losses by automatically opening and closing quickly and safely.
- Minimise draughts and maintain constant temperatures
- As an external door where goods are despatched and received on a regular basis.
- As a partition between two areas
- In busy traffic doorways
- Maximise pest / vermin control
- Enhance the aesthetic appearance
- Ideal for windy applications

Curtain Design

The curtain is made from a class 2 self extinguishing polyester fabric coated with colour impregnated PVC and is available in a range of standard colours.

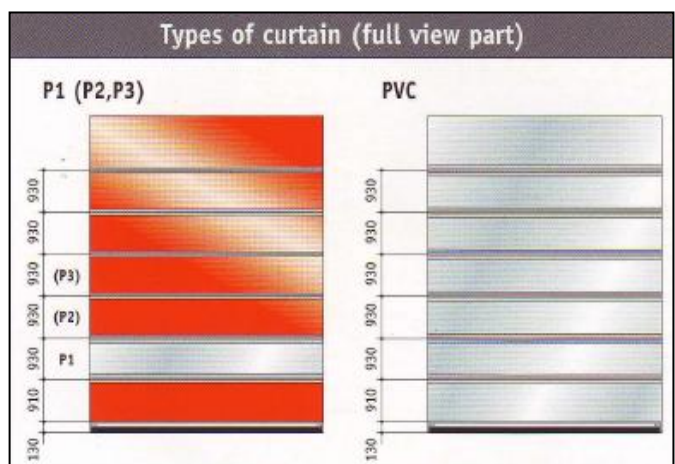
It ensures effective protection against cold, heat, dust, noise, and high resistance to wind pressures up to 90km/h.

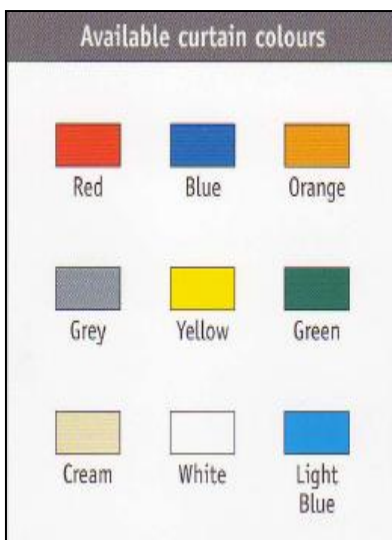
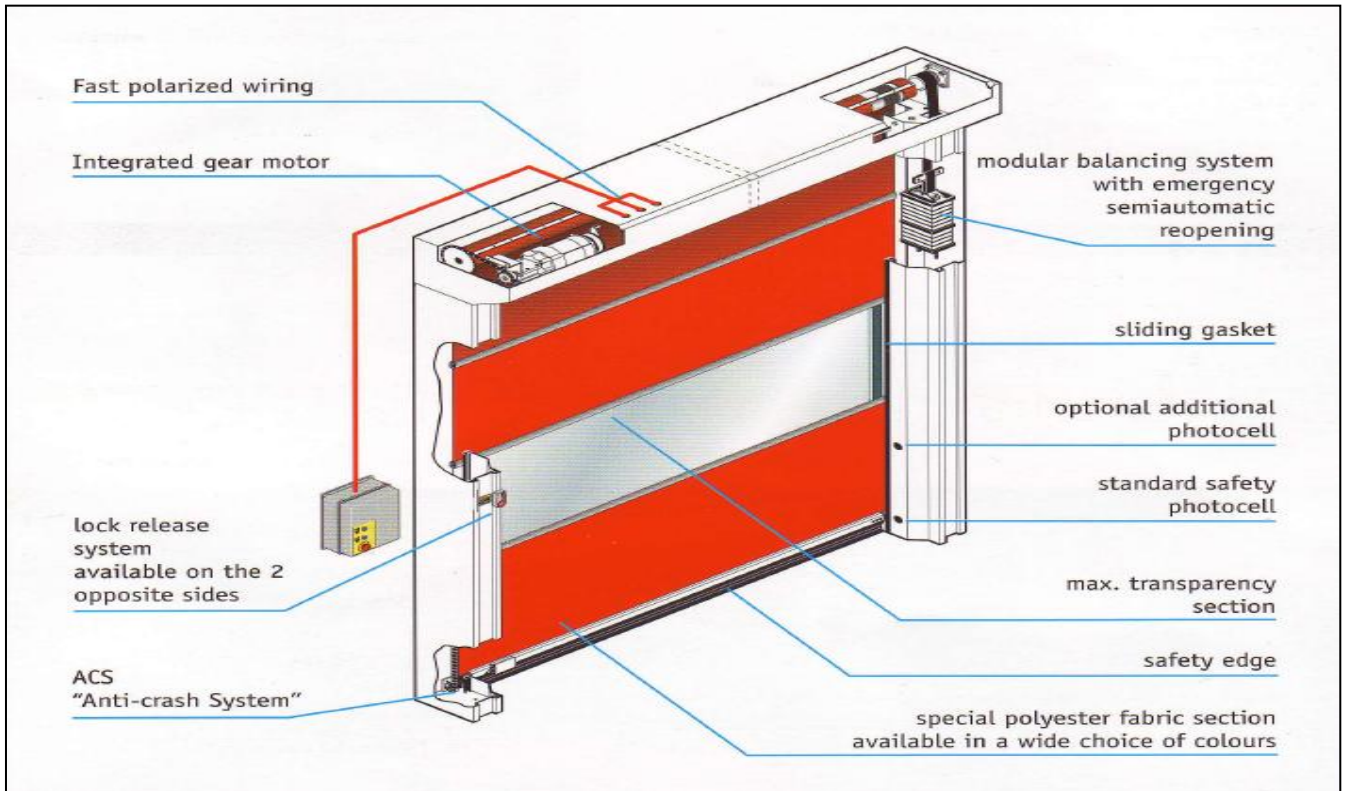
The bottom profile complete with opto electronic sensor ensures that the door closes safely.

The curtain is available in three formats, P1 is for one vision section, P2 for two, P3 for three sections and PVC for a door that is completely transparent with the exception of the wind braces

Frame Design

The vertical side guides and head assembly are manufactured from galvanised steel and are available in either a powder coated finish to standard RAL colours or alternatively can be manufactured from stainless steel if required



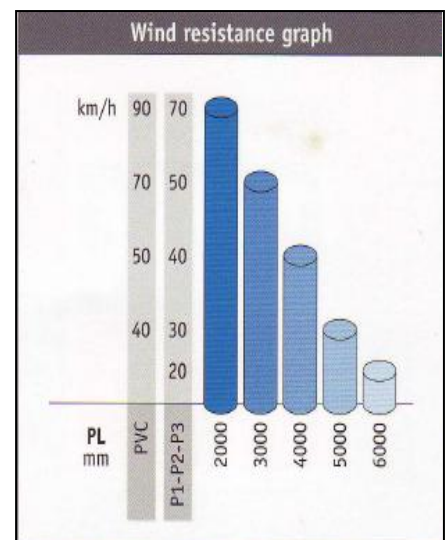


Door Drive Mechanism and Control Panel

Controls consist of an integrated control panel that control all of the door functions including the failsafe diagnostics required for the photocell and safety edge. Further benefits include as standard interlock capability, induction loop cross traffic detection and many others. The control panel is equipped with up and stop push buttons.

Safety Features

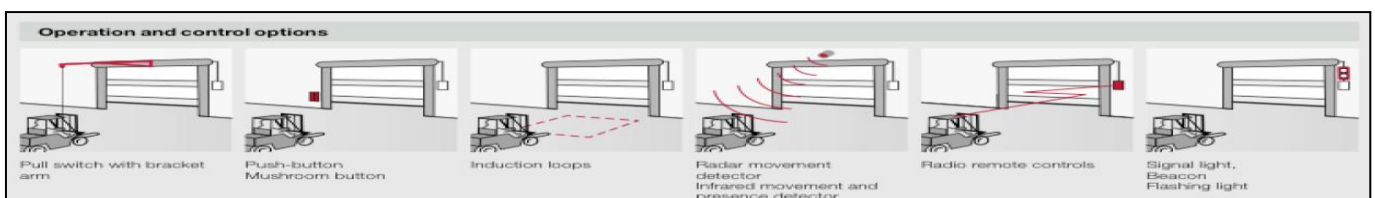
- Photocell protection (standard)
- Electric safety edge (standard).
- Emergency opening lever
- All safety features are failsafe

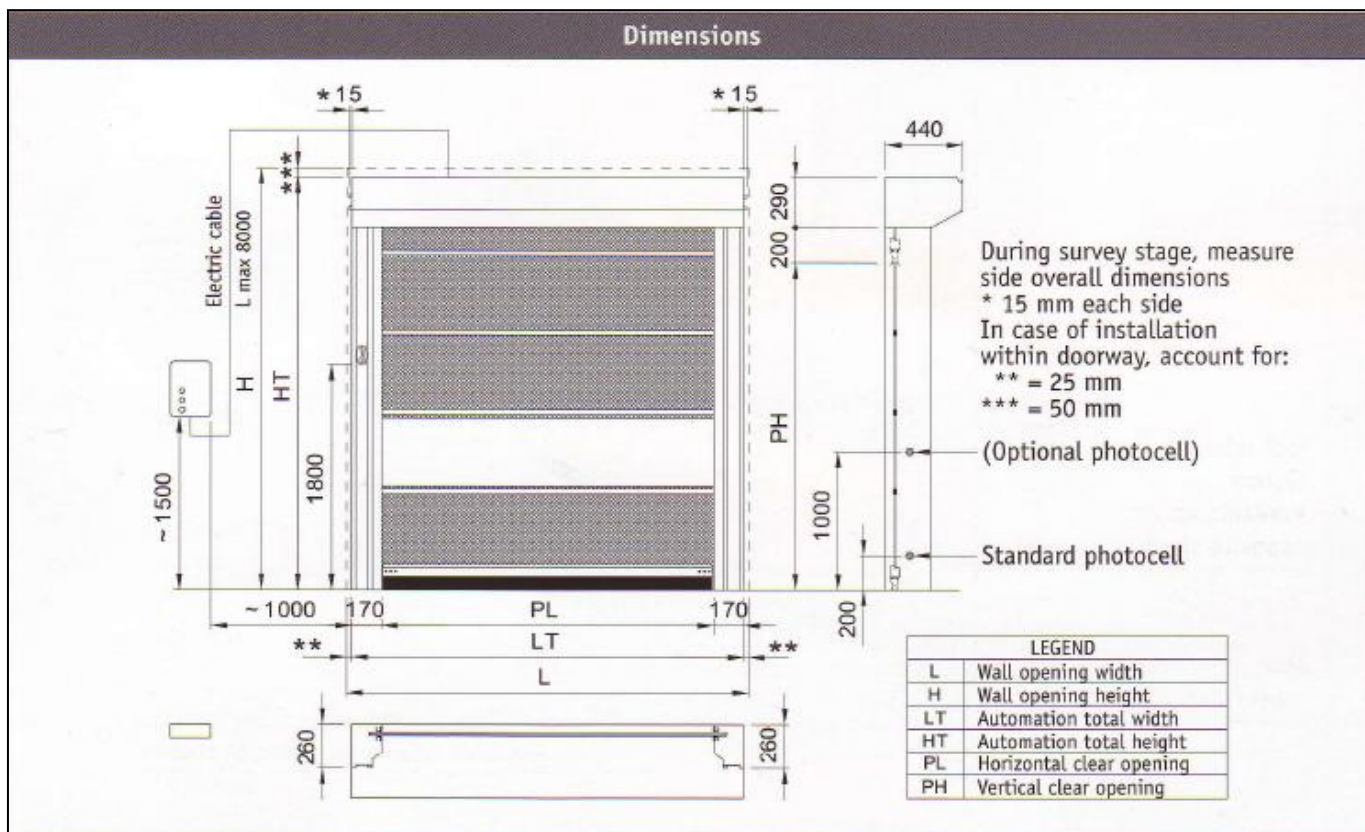


Remote Controls

The door can be supplied with additional remote controls. These fall into two categories, activation and safety. When wired to activate, they will open the door from its closed position, stop the door from closing when open and stop / reverse the door when closing.

When wired to safety the features are the same as to activate however the door will not open when closed. Remote controls include induction loops, photocells, radar, push buttons / pull switch operation or radio / infrared controls.





Technical specifications

Power supply	400 V three-phase 50/60 Hz
Insulation rate	Class 1
Current	3 A
Power	900 W
Scale	1:6 reduction gear - 1:2.4 drive
Opening speed	0,9 m/s
Closing speed	0,9 m/s
Doorway PL x PH	Minimum = 1000x1700 Maximum = 6000x6000 (see curtain limitations in the pricelist)
Type of balancing	Modular counterweights
Type of curtain	Polyester fabric and transparent PVC panels, inserted into aluminium extrusions
Curtain thickness	Polyester fabric = 0.6 mm transparent PVC = 2 mm
Self-extinguishing class	Polyester fabric = class 2 transparent PVC = DIN 4102
Safety edge	CPA type: electropneumatic with pressure switch, CFA type: electronic with self-controlled photocell
Manual lock release	Handle with cord to start hold-to-run function
DITEC duty class	5 (very heavy)
Wind resistance	See graph
Automation operating temperature	-20°C ÷ +55°C
Curtain operating temperature	-5°C ÷ +50°C
Protection degree	IP 54
Control panel	Electronic

We reserve the right to change specification without prior notification or alteration of this product data sheet.