

# RAPIDOOR

## RD1100



- Constructed from minimal moving parts which reduces maintenance work.

- Suitable for both external & internal applications.

- Special tensioning spring mechanism that ensures the door curtain is closed at all times providing a complete weather seal.

- Strong and durable 4mm thick PVC curtain with a clear strip for added safety.

- If speed, safety and reliability are features you require, the RD1100 will suit you.

- Wind load tolerance of 74 kp/h or 95 kp/h with additional wind bars.

- Maximises usable floor space due to its compact design.

### COLOURS AVAILABLE



DOORS THAT LEAD TO THE FUTURE

☎ 1300 36 46 16

✉ [info@austcoldindustries.com.au](mailto:info@austcoldindustries.com.au)

📍 27 Central Park Drive, Yandina QLD 4561

🖱 [www.austcoldindustries.com.au](http://www.austcoldindustries.com.au)

Version 1.1

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### SPECIFICATIONS

**APPLICATION:** External & Internal

**MAX WIDTH:** 4000mm

**MAX HEIGHT:** 4250mm

**CURTAIN:** PVC curtain panel that is 4mm thick approx

**BOTTOM EDGE:** Tension

**POWER SUPPLY:** Single phase 10 amp

**OPENING SPEED:** Up to 1300mm per/sec

**DOOR FINISH:** Galvanised Steel 201

**MOTOR:** Motor power 0.75kw - 1.5kw. The motor can be on the left or right hand side

**SAFETY DEVICE:** Photo Electric Beam or Photo Electric Light Curtain

**WIND RESISTANCE:** Class 6 - 10 Beaufort scale (subject to door size)

**WARRANTY:** 2 years (subject to scheduled maintenance)

**CONTROL BOX:** IP65 Box with inverter. Powder Coated or Stainless Steel with Digital Display

### FEATURES

**LOW MAINTENANCE:** High quality components and robust design.

#### ADVANCED DIGITAL CONTROL

**OPTIONS:** Capable of interlocking with other doors, traffic lights etc with relays that can be programmed to switch in twenty two states of the door.

**AUTO REVERSING:** Equipped with a safety circuit that will activate the door to automatically reverse when activated.

**ERROR LOGGING:** For efficient fault finding and maintenance checking etc.

**CUSTOMISING:** The doors and their control features can be tailored to suit the specific needs of the client.

### OPTIONAL

**PELMET COVER:** Galvanised Steel 201

**DOOR FINISH:** Powder coated door posts

#### PHOTO ELECTRIC CURTAIN:

Provides a series of Photo Electric Beams 20mm apart from ground level to 900mm High.

#### AUTOMATION:

- Radio Remote Control
- Induction Loops (Vehicle Detection)
- Motion Sensors
- Touchless Entry Button



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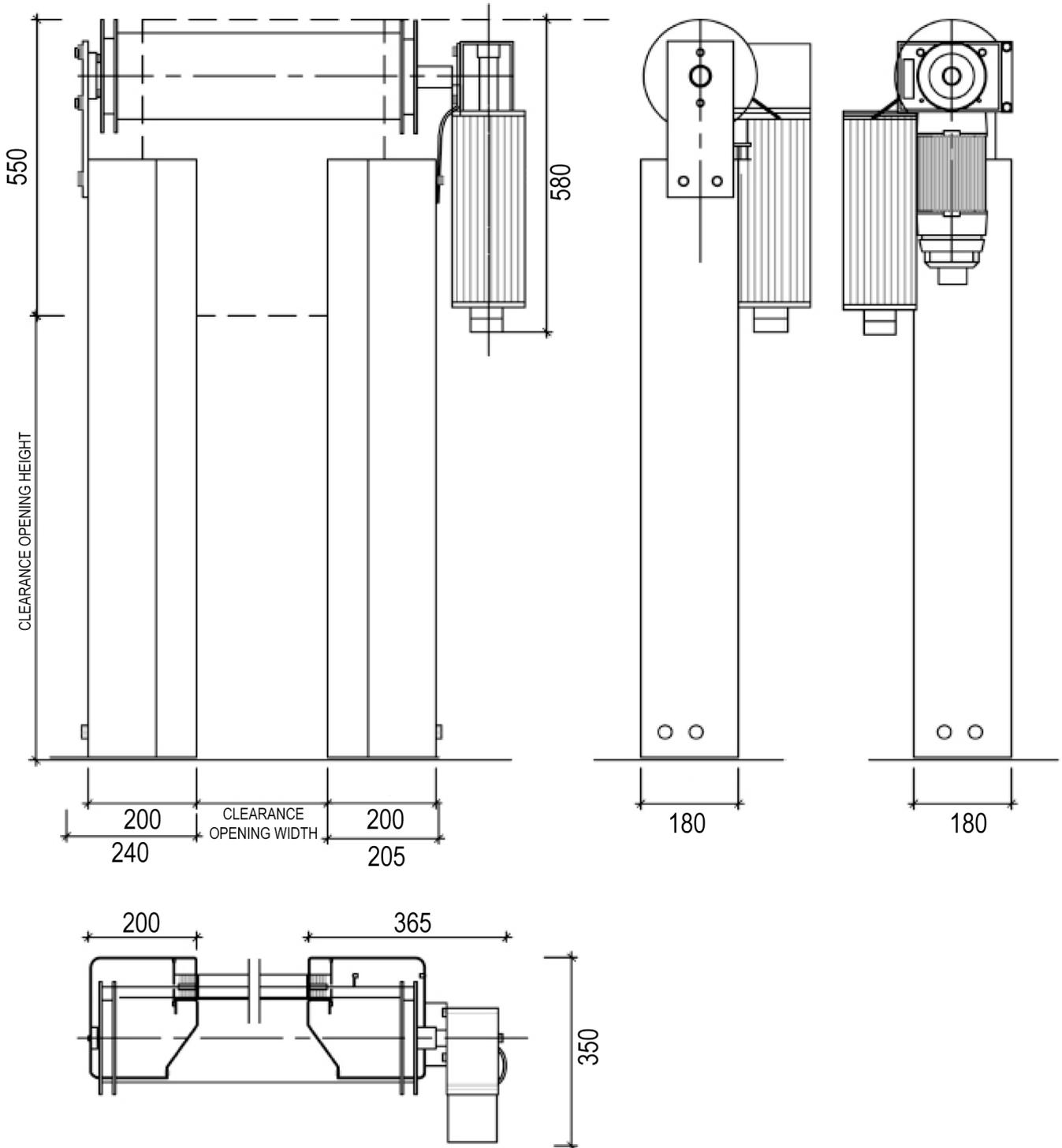
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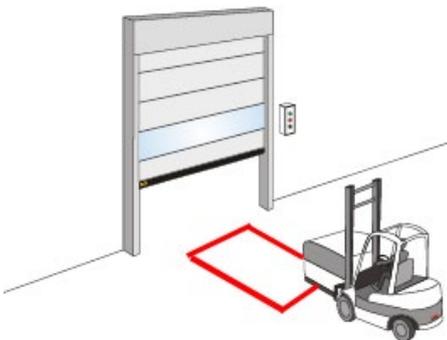
## AUTOMATION

High-Speed door accessories are instrumental components that play a vital role in the optimal functioning of various industrial and commercial environments. These accessories serve to enhance the performance, safety, and automation of high-speed doors, catering to the specific needs of the traffic. Careful consideration needs to be taken when adopting automation controls to ensure the doors function to meet the clients needs.



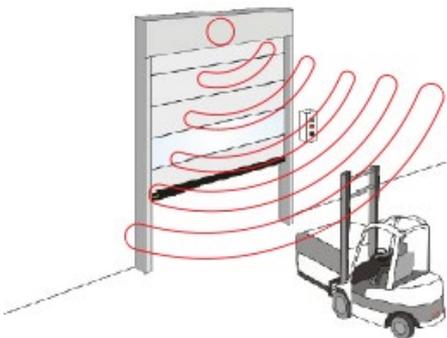
### RADIO REMOTE CONTROL

Radio Transmitter offers a cost effective solution to automation.



### INDUCTION LOOP

An induction loop cable is laid in cuts in the concrete floor providing metal detection for motorized traffic and only reacts to metal objects. This allows foot traffic to move freely without triggering the door to open.



### MOTION SENSORS

Advanced Motion sensor technology only detects movement approaching the door, ignoring cross traffic etc.



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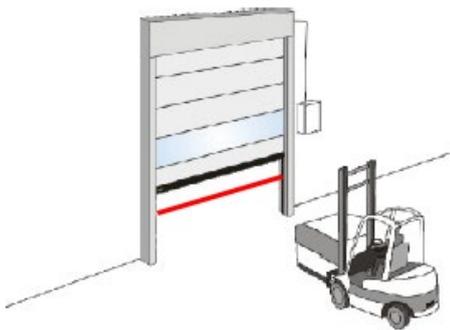
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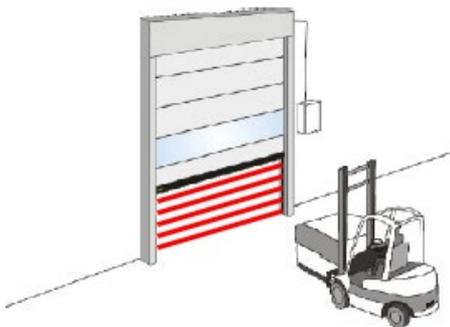
## SAFETY DEVICES

High-speed door safety devices play a vital role in protecting the door and personnel. These devices also enhance the performance, and automation of high-speed doors, catering to the specific needs of diverse applications.



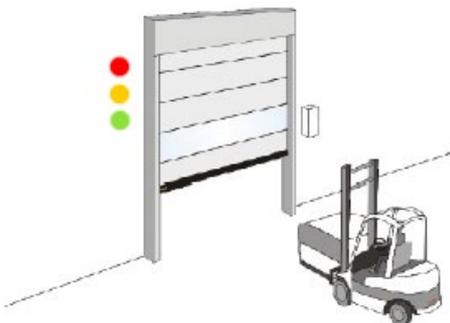
### PHOTO ELECTRIC BEAM

The photo electric beam provides constant monitoring of the doorway. When the beam is **broken** the door will reverse to the open position or reset the automatic closing timer.



### PHOTO ELECTRIC CURTAIN

In addition to the photo electric beam functionality, the photo electric curtain has **multiple beams** which can detect fork lift tines or objects that may not break a single photo beam.



### TRAFFIC AND STATUS LIGHTS

Lights can be installed that visually signifies the door operation or state. Traffic Lights can be a simple flashing warning light when closing or provide more complex functionality.



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