



3

MAXIM

[rapid acting door]



Interior and exterior traffic door

Openings up to H5000mm x W5000mm

Self relocating curtain

Door speed 0.8 - 1.0m/sec

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In accidental collisions the curtain will dislodge from the tracks and reinsert itself on the next up command.



The soft bottom edge of the curtain offers safety to personnel.



ENVICO offers a range of door activations including forklift mounted remote control.



Reputable drive options from SEW Eurodrive (shown in situ with RDN steel roller shutter).

Concept

The Maxim door is the work horse of the ENVICO Rapid Acting Door range. It is designed for environments where the door is used in conjunction with high volume production.

It uses the efficiency of a Helical Bevel Gear drive combined with a generous built in service factor for heavy workload situations.

Like the Logic Door the Maxim can be used in a wide range of industry situations, from external doorways and internal openings in environments down to 0 degrees centigrade.

On external doorways ENVICO also offers the option of its Steel Roller Shutter fitted using our Piggy Back System. By fitting the two doors in this way there is less intrusion into factory space while also simplifying the sealing of the doorway itself.

Operation

Opening and closing speeds are +/- 0.8 m/second to 1.0 m/second.

The door is operated by a direct drive motor unit to pull up and drive down the curtain. In automatic mode (standard) the door is operated by specific opening commands. A preset timer determines how long the door remains open (1 to 30 seconds) to suit the traffic requirements.

The 'hold open' time is activated after each opening command, or when the photo cell beam is broken. The curtain relocating system is built into the leg unit and in the event of an accidental collision the curtain will automatically reinsert itself on the next up command.

Door Activation

For automatic operation of the door the following sensor options are available.

- Ground Loop Sensors
- Remote control
- Photo eye sensors
- Radars - motion sensors
- Pull cord

The door can also be operated by manual push button from both sides.

Drive Unit Options

SEW Eurodrive Helical Bevel Gear unit with brake motor.

Motor Speed 1380 (1/min) - 1.1(KW) - Rated Voltage 230/400
Rated Current 2.15/1.23 - Protection class IP55.

Framework

The frame is made up of a head unit and leg units. The door maybe fixed directly to a wall or be a free standing unit.

The door is assembled and erected by simply taking the head unit, bolting the leg assemblies to it and then lifting into position.

The frame work is galvanised steel and powder coated to give a durable and long lasting surface finish.

Door Curtain

The curtain is constructed from a heavy duty PVC (890 gram). It is reinforced with a series of fibreglass rods, giving the door good wind capacity. The nature of the curtain construction provides excellent damage resistance.

Safety Features

- Soft bottom to curtain (no rigid bottom or detector switch to get damaged in the event of accidental collisions).
- Curtain relocater provided to allow curtain to reinsert automatically.
- Ratchet handle to raise door should power failure occur.
- IP67 Photocell for wet industry areas, within door opening.

Guarantee

A twelve month written guarantee is available with each door on completion of installation.

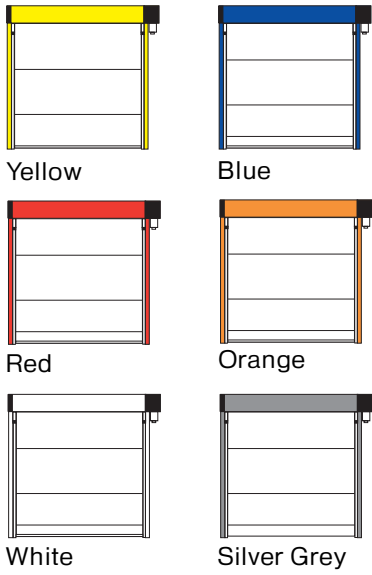
Low Maintenance

The ENVICO MAXIM Rapid Acting Door is designed to be a low maintenance door.

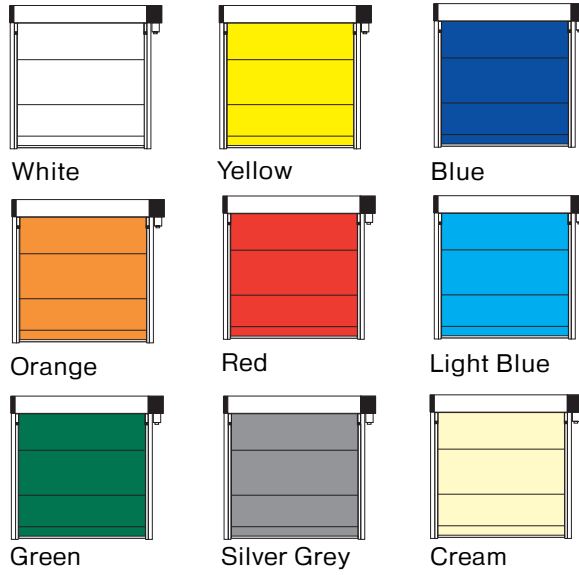
- The frame work is galvanised and powder coated for rust prevention.
- The curtain blade is of heavy duty reinforced PVC which can be easily repaired by welding.
- The soft bottom edge allows for break-out in the event of an accidental collision and the automatic self-relocation of the curtain reduces down time for maintenance.
- The frame and curtain are easily washable to maintain good looks.

The ENVICO range of rapid acting doors are designed and manufactured in New Zealand.

FRAME OPTIONS



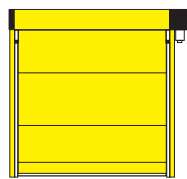
CURTAIN OPTIONS



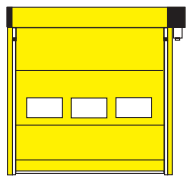
*Other colours by request

MAXIM DOOR Clearance and Fixing Detail

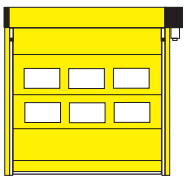
'Piggyback' system using RDN's steel roller shutter door



No windows



One row



Two rows

