

Movidor

Rapid Roller Doors





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Introduction to Movidor

Movidor Rapid Roller Doors by Remax Doors are the result of meticulous attention to detail, care and pride during all stages of the manufacturing process.

Designed and manufactured in Australia, Movidor Rapid Roller Doors are created to suit the individual application. In a world where choice is often limited by practicality and technical restraint, Movidor Rapid Roller Doors offer a refreshingly different spectrum of possibility, with 'out of the box' solutions.

The final specification, (whether that be colour, size, integration to building design, specific functionality) – is your choice, not ours!

The ultimate manifestation of Movidor quality and robust design can be seen years after installation. The same reliable and efficient opening and closing will be in operation thousands of cycles later; almost irrespective of the environment they're installed in.

MADE IN AUSTRALIA. BUILT TO LAST

Modern manufacturing processes and equipment ensure Movidor Rapid Roller Doors are produced quickly and efficiently to the highest possible standards.

However, it is the attention to detail that is manifest on the finished product. With a Production team inspired by the vision to be Australia's most trusted brand of doorway and access solutions, Movidor Rapid Roller Doors embody a passion and care for quality and reliability.





Consider the Advantages

When energy and hygiene control are key to the success of your operations, chances are that good control of traffic through your doorways will be a high priority. Look no further than the Movidor Solution!



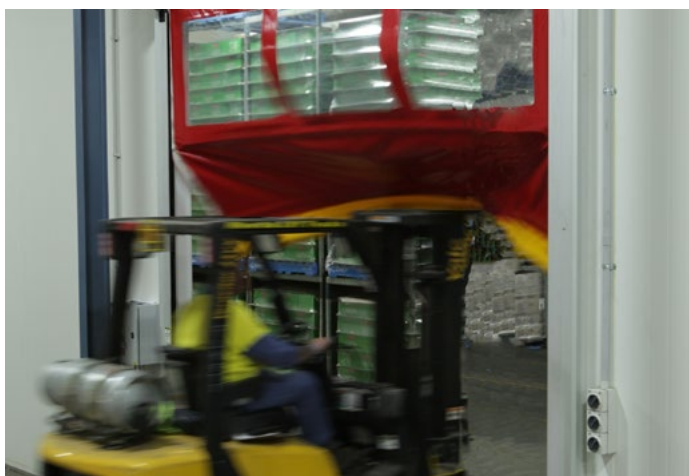
FASTER

Forklifts can approach doors at speeds of up to 14km/h; a recipe for disaster if doors do not open in time! Fast opening is critical for efficient passage through the doorway. The Movidor opens at up to 2.0m/sec, and gently closes once the traffic has passed through, making Movidor one of the fastest soft-edge design, high speed doors available. Now, your critical doorways can be kept closed for longer, reducing energy loss through open doors.



SAFER

The Movidor 'soft-edge' curtain design dramatically improves safety by eliminating tension in the bottom bar and dangerous closing pressures that are traditionally found on conventional roll fast doors. With a highly visible, softly sprung yellow bottom edge, Movidor curtains will flex around an obstruction, without crushing it.



SMARTER

Movidor Rapid Roller Doors contain very few wearing parts, ensuring consistently reliable operation in any environment, and minimal service requirements.

GUARANTEED QUALITY AND PARTS

1 year, 100,000 cycles warranty, extended to 3 years with preventative maintenance contract. Parts availability guaranteed Australia-wide.

SUSTAINABLE MANUFACTURING

Remax Doors are committed to working towards environmentally sustainable manufacturing practices involving the design and operation of our production processes that minimise waste, reduce energy consumption, and conserve natural resources, while also ensuring the responsible sourcing and recycling of materials from suppliers that adhere to ethical standards, respect human rights, and promote fair labour practices, ultimately contributing to a more environmentally and socially responsible supply chain.

ENERGY EFFICIENT

Open faster, closed for longer, completely sealed* when closed. Movidor Rapid Roller Doors effectively reduce energy loss through doorways.

FOOD SAFE

Remax Doors takes food safety very seriously, and constantly evaluates all components for hygiene and food contact compliance.

ALL WEATHER OPERATION

By integrating wind battens in the curtain at even spacing from the top down, the Movidor design maintains uniform wind and pressure resistance, yet leaves the lower section of the curtain safe, even in accidental contact with pedestrians. Movidor Rapid Roller Doors are suitable for both indoor, and totally exposed outdoor use.

SUPERIOR SEAL

Full surround anodised aluminium roll cover and fascia and an integrated brush seal option on fascia and guides are some of the hallmarks of Movidor attention to detail. With a clean, washable finish, Movidor Rapid Roller Doors will retain their hygienic, smart appearance with minimal maintenance.

*Only certain product options offer a full seal.
Ask our staff for more details.

CRASH TESTED

We're serious. Sooner or later, someone will inadvertently (or intentionally!) bump into the door. What other doors do you know of that will recover automatically from a crash? Movidor can.

Movidor's unique crash relocation system will reliably reinsert the door curtain back into its guides, in the event of accidental impact to the curtain during operation.

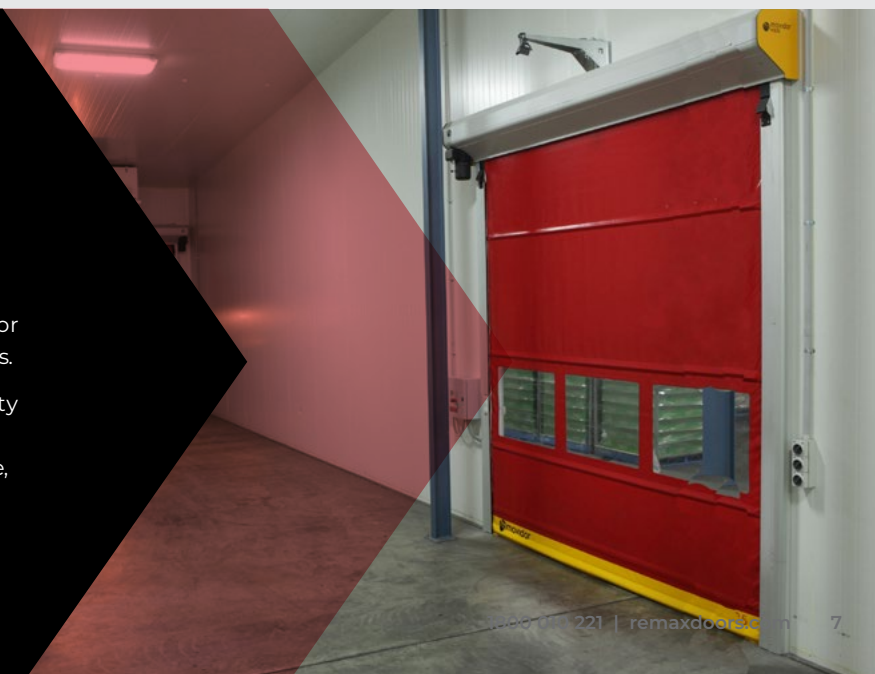


OUR PROMISE TO YOU

Costly call-outs to repair doors that have been accidentally impacted by forklifts or other vehicles, will become a thing of the past with Movidor Rapid Roller Doors!

Labelled as the 'self-repairing door', this high speed door is designed for impact, and reduced maintenance costs.

Industry leading reliability is achieved through simplicity of design, and less moving parts. No springs, cables or tensioning belts ensure exceptionally low maintenance, whilst soft starting and stopping via variable speed control prevents premature fatigue of hard-mounted components.



Service & Maintenance

A dedicated service team is available for emergency situations and incident response. The Movidor Service providers offer an extensive support network nationwide and Remax Doors' team of technicians are trained and prepared for emergency work that can easily adapt to safety and security requirements on site.

Remax Doors understand the critical role high speed doors play in a modern commercial or industrial facility and we can dispatch expert technicians who provide high-quality repairs and professional advice for any type of entrance, door and loading dock equipment. Keeping your doors open for business is our priority and a maintenance schedule is an effective way to maximise the lifetime of your door.

WITH THE MOVIDOR SERVICE:

- › Prolong the life of the door with regular maintenance and servicing
- › Prevent costly downtime from unplanned/urgent maintenance
- › Identify and prevent damage prior, to avoid costly repairs
- › Prioritise Staff and Customer Safety risks





Where ever you are,
there's likely to be
a qualified Movidor
Service provider
near you!

SCHEDULED PREVENTATIVE MAINTENANCE

High use equipment requires servicing and upgrades to stay in great working order.

Movidor is recognized for its reliability and low maintenance requirements, however, constant high speed opening and closing, combined with the effects of wash-down, temperature change, and forklift damages, warrants that regular servicing is implemented. Preventative maintenance is recommended to ensure vital service points are checked, in accordance with manufacturer warranty requirements.

To keep your doors in peak operating condition, Remax Doors offers a regular 6-monthly servicing program for your consideration.

- › **Reduced downtime:** regular servicing provides the opportunity for service technicians to pick up on wear and tear and to replace parts before a costly repair is required.
- › **Staff and Customer safety:** minimise Health and Safety risks by ensuring that doors are adjusted for proper operation.



Design & Features

FULLY ENCLOSED DRUM AND FASCIA

Anodised aluminium fascia and rear hood ensure best hygiene and cleanliness of curtain.

GERMAN QUALITY MOTOR-GEARBOX

Integrated frequency inverter and positioning device. Quiet, fast and reliable for ultra-high cycle use!

CRASH OUT SYSTEM

"Crash proof" automatic curtain relocation system via a set of brackets. Standard on all models.

ULTRA-SMOOTH GUIDES

Ensures smooth, quiet operation in all conditions. Integrated brush seal provides exceptional airtightness when door is closed.

SMART CONTROLLERS

Variable speeds with absolute positioning control. Displays operational, and fault status through LCD screen.

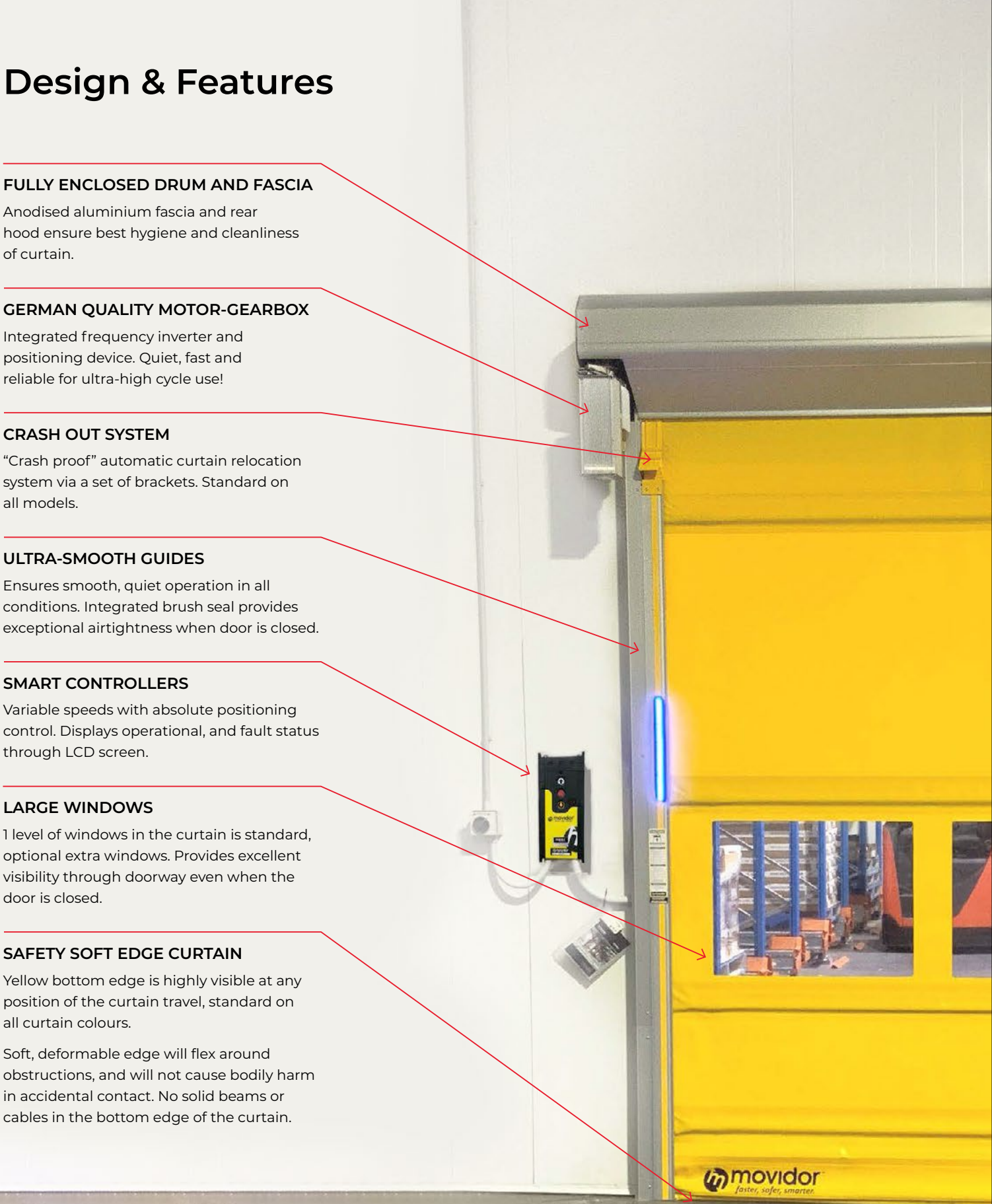
LARGE WINDOWS

1 level of windows in the curtain is standard, optional extra windows. Provides excellent visibility through doorway even when the door is closed.

SAFETY SOFT EDGE CURTAIN

Yellow bottom edge is highly visible at any position of the curtain travel, standard on all curtain colours.

Soft, deformable edge will flex around obstructions, and will not cause bodily harm in accidental contact. No solid beams or cables in the bottom edge of the curtain.





INTEGRATED TRAFFIC LIGHTS

(Optional)

Optional Movidor Integrated Traffic Lights bring a whole new level of safety to your doorways. LED light-strips recessed into door guides, visible from both sides of the opening.

Red while door is traveling, Green when open, and Blue when closed, these smart and unobtrusive signals provide clear demarcation for the doorway, and safer traffic control for your drivers.



ILLUMINATED PUSH BUTTON

Mounted on the opposite side of the door to the smart controller.

Movidor Models



EX35 / EX45 MOVIDOR

Rapid roller door for smaller, interior or low wind doorways.

- › EX35 Doorways up to 3500mmH x 3500mmW
- › EX45 Doorways up to 4500mmH x 3500mmW
- › Ultra small footprint
- › Slimline guides
- › Smooth curtain with no wind battens
- › Integrated relocation system
- › Opening Speed 3m/sec

** Visit <https://remaxdoors.com/products/pedestrian-rapid-roller-door/> to download the complete EX35/EX45 brochure*



HS35 MOVIDOR

Rapid roller door for medium doorways. Suited to interior and exterior use.

- › Doorways up to 4000mmH x 4000mmW
- › Heavy duty guides
- › Integrated relocation system
- › Multiple integrated wind battens
- › Opening Speed 2.0m/sec



HS50 MOVIDOR

Rapid roller door for large doorways. Suited to interior and exterior use.

- › Doorways up to 6000mmH x 6000mmW
- › Heavy duty guides
- › Integrated relocation system
- › Multiple integrated wind battens
- › Opening Speed up to 1.5m/sec



HS65 MOVIDOR

Rapid roller door for large doorways. Suited to interior and exterior use.

- › Doorways up to 6000mmH x 6500mmW*
- › Heavy duty guides
- › Integrated relocation system
- › Multiple integrated wind battens
- › Opening Speed up to 1.0m/sec

** Sizes exceeding 6000 x 6000 may be subject to application conditions for this model. Consult our team for further information.*



MOVIDOR THERMIC

For Cool room doorways, providing improved insulation, whilst reducing condensation potential on the curtain in humid environments.

- › Doorways up to 5000mmH x 5000mmW
- › Unique 3.0mm thick, 1450gsm foam-backed curtain designed to reduce condensation with high Thermal Value*
- › Designed to reduce energy loss through your doorways
- › Suited to ultra high-use chiller doorways
- › Thermal resistance, where multiple openings per hour reduce effectiveness of insulated doors, yet necessitate exceptional air-tightness, and durable, 'self-repairing' operation.

** Windows are not standard and not recommended in this model.*



MOVICHILL

Rapid roll up door for cool rooms and freezers.

- › Doorways up to 4000mmH x 3000mmW
- › Full surround brush seal for optimum seal against air-loss/gain
- › Insulated and heated door frame with choice of curtain thickness
- › Unique multi-layer insulated curtain with integrated thermal breaks and compression venting*
- › Optional Interlock function for airlock applications
- › Opening Speed up to 2.0m/sec

** Windows are not standard and not recommended in this model.*



ES40 – ECONOMY MOVIDOR

Rapid roll up door for smaller, interior or low wind doorways.*

- › Doorways up to 4000mmH x 4000mmW
- › Economical, value for money
- › Suited to constant, high repetition cycles
- › Segmented curtain design with large 800mmH vision panel
- › Integrated relocation system
- › Opening Speed 2.0m/sec

** This model does not include a fascia cover like other door models.*



MOVIFOLD RAPID FOLDING DOOR

Ideal for large doorway exterior openings which require speed and strength.

- › Doorways up to 8000mmH x 8000mmWSuited to constant, high repetition cycles
- › Superior strength allowing doors to withstand very high winds
- › Folding design with incorporates strong steel wind bars embedded into the curtain
- › Lifted by evenly spaced polyester webbing straps
- › Curtain folds back and stacks neatly into the curtain hood.
- › Opening speed of 1.0m/sec.



CONCERTINA RAPID FOLDING DOOR

The largest model in the Movidor Range, for large-scale doorways.

- › Doorways up to 12000mW*
- › Extremely high wind load resistance and unique acoustic properties
- › Large scale exterior applications to boost productivity and reduce energy consumption
- › Extreme strength in ultra-wide openings
- › Simplistic and low maintenance folding design
- › Opening Speed up to 0.8m/sec

Activation Systems & Options

The Remax Doors range of activation systems and options offers optimal opening and a higher protection level for Rapid Roller Doors.

Whether you are looking for a complete presence sensor solution, or a motion sensor that detects certain traffic and filters others, Remax Doors offers various options to suit both your team and your facility.

Would you like multiple activation points on one doorway?

We can do it.

Do you want to integrate your high speed door activation into a conveyor belt or production machinery?

We can do it.

We specialise in unique, custom solutions, so contact our team for customised activation, or integration into existing equipment or workflows. Look no further than MOVIDOR.

Manual-Vehicle Operated Activation

REMOTE CONTROLS

Multi-channel transmitters available. Receiver card integrated in control cabinet all allows several doors to be switched individually from one handset.



PULL CORD SWITCH

Ceiling or pole-mounted pendant switch with pull-cord fitted.



Manual-Pedestrian Operated Activation

MAGIC SWITCH

Touchless opening activated by hand movement (push or oscillation effect) in front of the sensor. It is not necessary to put the hand on the sensor, guaranteeing absolute hygiene. Multi-level detection zones for precision activation according to traffic size.



Suitable for a large number of environments, particularly in hospitals, food processing or pharmaceutical sectors. It also allows ease of access for the disabled arriving in front of low energy, automatic door environments.

- Possibility to keep the door open in "Toggle" mode
- When in "Impulse" mode, the door will close after the passing through.

PUSH BUTTON

IP65 enclosure. Optional additional control function switches (e.g. E-stop).

Optional chemical resistant housing.



SECURITY CONTROLLED ACCESS

Finger print or swipe card access terminals available for high security access applications. Refer to Remax Doors technical department.

Automatic Sensing Activation

FALCON RADAR

Waterproof high performance sensor, discriminates vehicles from pedestrians and rejects the parallel traffic. The planar antenna provides accuracy and stability of the sensing field.



INDUCTION LOOP

Inductive loop inlaid in hard surfaced floor. Detects metallic objects, and discriminates pedestrians.

Single or dual channel.

CONDOR RADAR & IR PRESENCE DETECTION

Radar activation and discrimination functions, with additional infrared technology. Keeps the door open when a vehicle or pedestrian is in the detection field.

Covers a zone of 3m x 3m with 40 spots. Adjustable infrared field.



Colour Options

Choose from the below range of standard curtain colour options. Coordinate curtain colours with the façade of your building, or contact our friendly door specialists for customised printing and signage, as per your specifications.

Custom powder-coated aluminium framework also available in a variety of colours.



Yellow 119

Orange 244

Red 356

Maroon 188

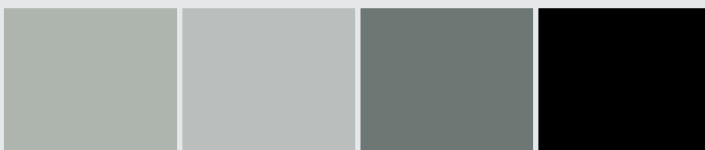


Dark Green 679

Light Blue 586

Blue 520

Navy 541



Grey 705

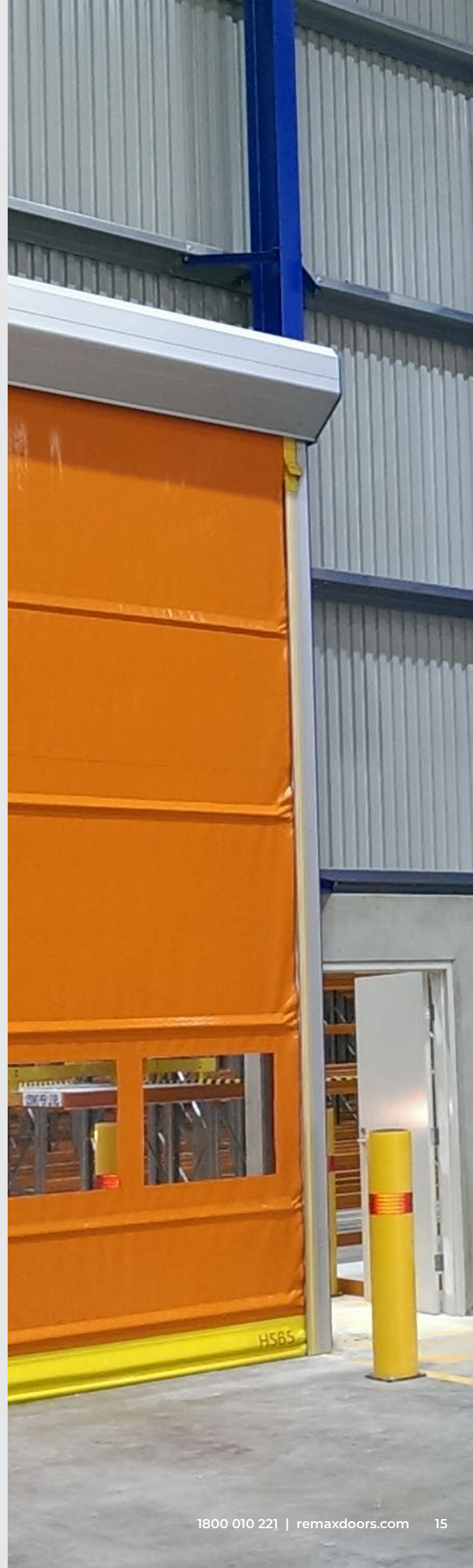
Light Grey 729

Thermic Grey*

Black 905



White 907

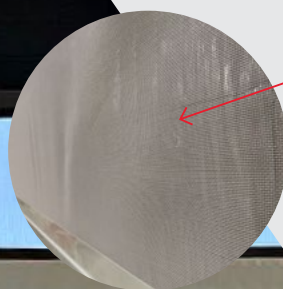


**Only available for Thermic models. All other colours unavailable for Thermic models.*

Window Options

MESH WINDOWS

Mesh can be chosen to allow ventilation of the building, or as pressure relief.



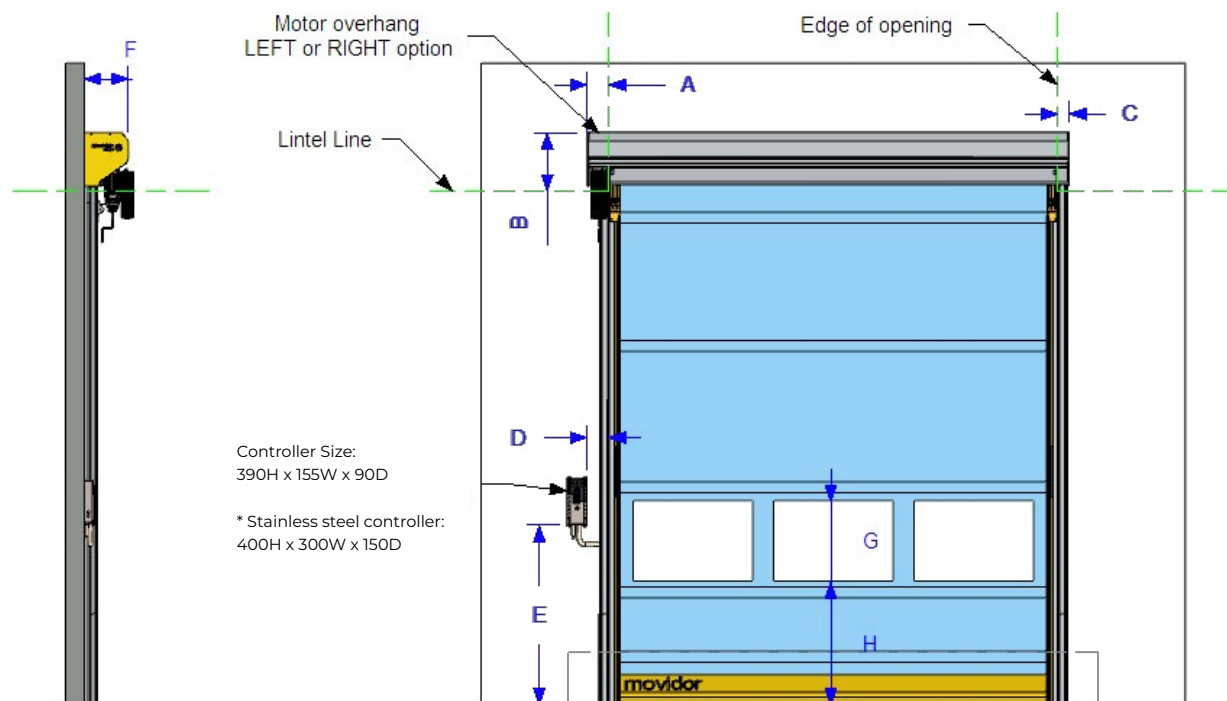
PVC WINDOWS

One level of PVC Windows are included as standard in most door models across the Movidor range.

Additional levels can be selected as optional extras.

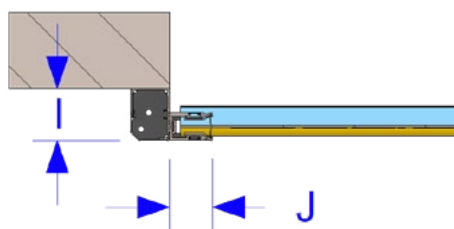


Clearance Details



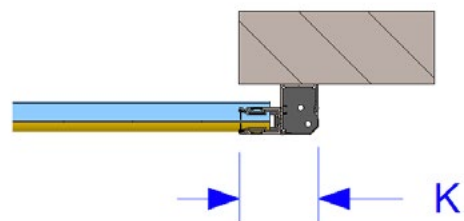
GUIDES PROTRUDING

Standard format.
Allows automatic curtain relocation bi-directional.



GUIDES CONCEALED

Optional format.
Allows automatic curtain relocation uni-directional only.



MODEL	A	B	C	D	E	F	G	H	I	J	K
ES40	175	410	100	Typical controller position		320 (400 motor)	830	1080	105	85	160
EX35	215	430	80			320 (400 motor)	635	830	115	N/A ^	75
EX45	215	590	105			395 (400 motor)	635	830	105	N/A ^	75
HS35 HS35 THERMIC	185	500	100	175 FEO	1400 FFL	400 (465 motor)	630 N/A	960 N/A	105	85	160
HS50 HS50 THERMIC	290	590	100			455 (555 motor)	630 N/A	960 N/A	105	130*/85	160
HS65	290	610	125			460 (565 motor)	630	960	120	130*/85	160
MOVICHILL	290	720	120			540 (575 motor)	N/A	N/A	105	85	160
MOVICHILL XL	290	770	120	275 FEO		650 (650 motor)	N/A	N/A	105	85	160
MOVIFOLD	520	1430^	270			660	365	1300	420	200	N/A
CONCERTINA	520	1300^	272			660	365	1300	420	200	N/A

*Please note: 130mm High Wind Guide option will reduce opening width by 260mm when selected for HS50 & HS65 models.

^Refer to specific brochure for details of guides.

Technical Data

Key: ✓ Standard ✗ Not Available
 ○ Optional Ins – Insulated
 * Enquire with Sales

MOVIDOR MODEL NO.		ES40	EX35/EX45	HS35	HS50	HS65	Movichill	Movichill XL	Thermic	Movifold	Concertina
Max. Size	Daylight Opening Height – mm	4000	3500**	4000	6000	6000*	4000	5000	5000	8000	*
	Daylight Opening Width – mm	4000	3500	4000	6000	6500*	3000	4000	5000	8000	12000
Door Construction	Curtain; PVC coated polyester, 900gsm	✓	✓	✓	✓	✓	Ins	Ins	Ins	✓	✓
	Windows: 1 level of approx. 600H x 850W windows. 1.5mm clear PVC	✓	✓	✓	✓	✓	✗	✗	✗	✓	✓
	Windows: Additional levels of windows. Alt sizes.	✓	○	○	○	○	✗	✗	○	○	○
	Side frames: Anodised aluminium guides and side covers, HDPE guide liners. Aluminium support frames.	✓	✓	✓	✓	✓	✓	✓	✓	*	*
	Head Unit: Anodised aluminium front fascia. Aluminium rear hood.	○	✓	✓	✓	✓	✓	✓	✓	*	*
	Fascia Cover : Anodised aluminium. Gearbox enclosed, lower section of motor exposed.	○	✓	✓	✓	✓	✓	✓	✓	*	*
	Enclosed Motor Cover (optional): Stainless steel fully enclosed shroud.	○	○	○	○	○	○	○	○	○	○
Crash-out Curtain	Automatic self relocation after crash-out.	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗
Curtain Tension	Interior Application, lateral tension: Flexible wind battens enclosed in curtain.	✓	✗	✓	○	○	✓	✓	✓	✗	✗
	Exterior Application, lateral tension: Metal wind battens enclosed in curtain.	✗	✗	○	✓	✓	✗	✗	✗	✓	✓
Curtain Edge	Flexible, non pressure: Deformable buffer encased in bottom edge of curtain. Safety Yellow.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Perimeter Seals	Guides: 19mm brush each side of guides.	○	○	○	○	○	✓	✓	✓	✗	✗
	Head Unit: 50mm brush to front and back of curtain, in head unit.	○	○	○	○	○	✓	✓	✓	✗	✗
Safety	Photo electric sensor: Across doorway, enclosed in door columns.	✓	✓	✓	✓	✓	✓	✓	✓	○	○
	Infrared curtain sensor: Perimeter of doorway, adjustable depth, penetration.	○	○	○	○	○	○	○	○	✓	✓
	Integrated Traffic Light System: Red during curtain travel, Green when open, blue when closed.	✗	○	○	○	○	○	○	○	○	○
	Brake switch failure monitor: Integrated motor-arrest in event of brake failure.	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓

* Sizes exceeding 6000 x 6000 may be subject to application conditions for this model. **EX45 Height max opening is 4500mm.
 Consult our team for further information

MOVIDOR MODEL NO.		ES40	EX35	HS35	HS50	HS65	Movichill	Movichill XL	Thermic	Movifold	Concertina
Motor/ Gearbox	Brake motor & worm gearbox. Direct drive to curtain drum shaft	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Control System	Control cabinet – ABS: 390 x 155 x 90	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗
Formatting	Control cabinet – stainless steel enclosure: 400x300x150	○	○	○	○	○	✓	✓	✓	✓	✓
	Variable speed, soft start/stop: Frequency inverter	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Supply Voltage: 240V, 50Hz	✓	✓	✓	✓	✓	✓	○	✓	✗	✗
	Supply Voltage: 415V, 50Hz	○	○	○	○	○	○	✓	○	✓	✓
	Control Voltage: 24V DC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Positioning System: Absolute encoder with digital limits	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Operator Controls: Open buttons, LCD status/error codes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Operation	Opening Speed, approx. Meters per second	2.0	3.0	2.0	1.5	1.0	1.5	1.0	2.0	1.0	0.8
	Closing Speed. Meters per second	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	Automatic: Input to open, automatic close via adjustable hold-open	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Emergency Operation	Manual: Hand crank handle to base of motor	✓	✓	✓	○	○	✓	✓	✓	✗	✗
	Manual: Hauling chain to base of motor	○	○	○	✓	✓	○	○	○	✓	✓
	Automatic: UPS unit, with impulse to open automatically in power failure.	○	○	○	○	✗	○	○	○	✗	✗
Activation Devices (options)	Radar, parallel traffic rejection	○	○	○	○	○	○	○	○	○	○
	Radar with IR safety curtain	○	○	○	○	○	○	○	○	○	○
	Inductive floor Loop	○	○	○	○	○	○	○	○	○	○
	Remote control with handsets	○	○	○	○	○	○	○	○	○	○
	Pull cord switch	○	○	○	○	○	○	○	○	○	○
	Swipe card, security access	○	○	○	○	○	○	○	○	○	○
Thermal Properties	Thermal Resistance: R-Value (m2K/W).	0	0	0	0	0	0.6	0.6	0.05	0	0
	Thermal Transmittance: U-Value (W/m2K).	–	–	–	–	–	1.7	1.7	20	–	–
	Measured Thermal Conductivity: K-Value (W/m.K)	0.252	0.252	0.252	0.252	0.252	0.040	0.040	0.060	0.252	0.252

Doors can be the entry to great spaces in our organisations, and the means to keep out unwanted pests or temperature variance. How fast they open, or the time they stay closed, are measures of productivity and efficiency.

If you accidentally hit them during movements through the opening, the downtime and cost of repair can be significant. In openings where traffic enters or exits by the minute and by the hour, the open-close cycle can impact the operational costs of the building, the maintenance required for the doors and your carbon footprint.

It is precisely for these considerations that door selection is critical. We're in the business of managing these considerations, through doorway solutions you can trust.

ENTER WITH CONFIDENCE™

Enter with Remax Doors.



ENTER WITH CONFIDENCE™
remaxdoors.com

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Disclaimer; Remax Pty Ltd reserves the right to alter or upgrade product specifications without notice.