

AUTOMATIC SHUTTER DOOR

Discover
the potential

Automatic Fast Door



PVC Shutter Door
[Outdoor]

Built-in Equipment-Underlock



PVC Shutter Door
For Indoor Access

Indoor Installation



PVC Shutter Door
For Clean Room



Hermetic Door
Sleeding Door

Steel Rolling Door



Sectional Door



CATALOG 2025



PT. MAXWELL INDOMAKMUR



Ruko CBD A12 , Pasirsari - Cikarang Selatan - Kab. Bekasi
Kawasan Industri Jababeka II , Kodepos 17530



Sales@Maxwellautomatio.co.id



Sales +62 813 3335 4259

Office +62 5011 2037

Technical +62 813 3335 4274



http://maxwellautomation.co.id



Scan Here...

HIGH SPEED ROLL UP DOORS



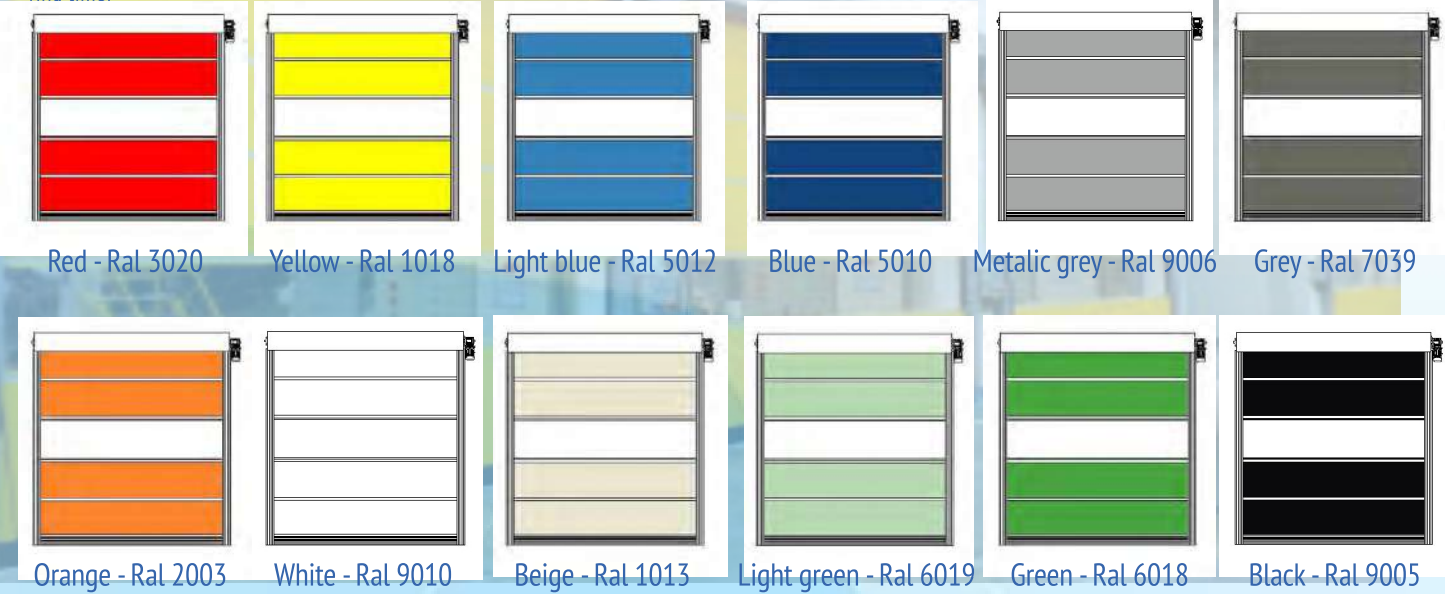
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<https://maxwellautomation.co.id>

Color

Wide range fabric colour is available, All main colour at our stock (RAL 9002-9006-1001 -3001 – 5007-6001-7071) (some colour is out of stock can be extend delivery time)



Supply voltage : Single phase/three phase 220VAC (-15~+10%)
50~60Hz; three phase 380VAC (-15~+10%), 50~60Hz

Power range : 0.4 KW - 2.2 KW

Encoder : ABZ incremental encoder / absolute encoder

Control signal : 4 Input , 2 Output

Communication : Aux Relay Dry Contact , Modbus Rs485 (Optional)

Dimensi range : W 1Mtr x H 1Mtr Up To W 8 Mtr x H 6Mtr

Speed range : 0.1 M/s Up to 1.2 M/s *Adjustable*

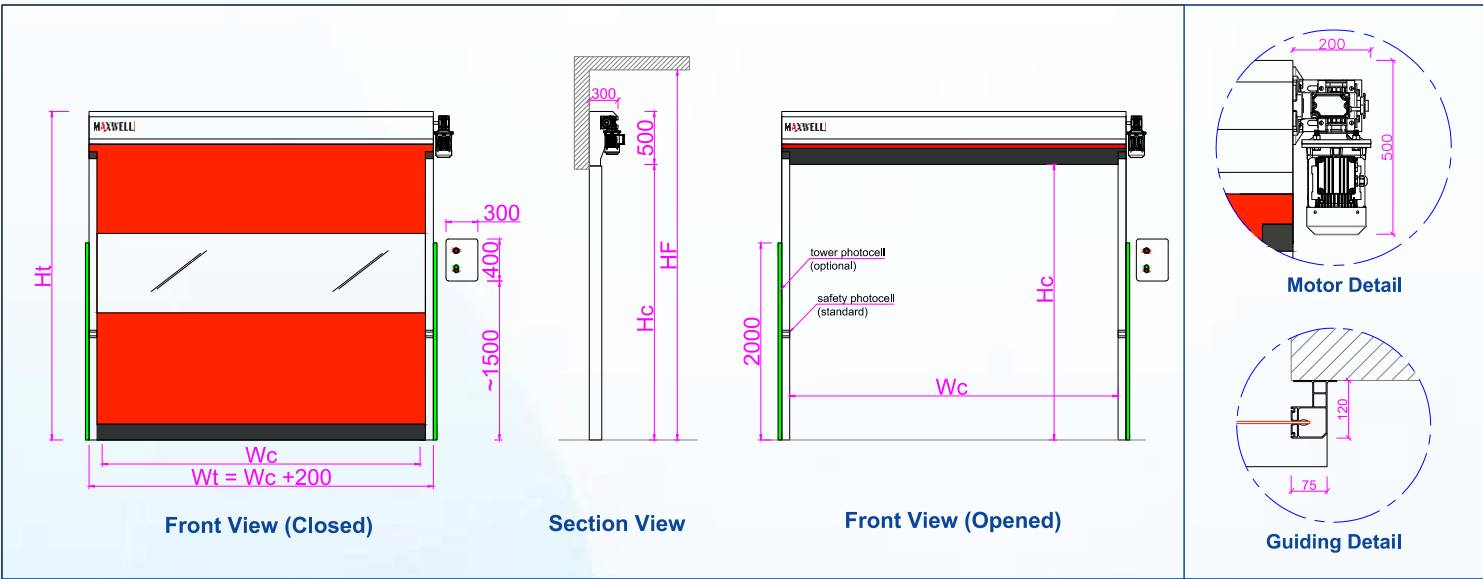
Sheet Door : PVC Polyurethane Sheet 400gsm - 800gsm

4~20mA
模拟量输出

Control Output
Analog Output



Rs485
Communication



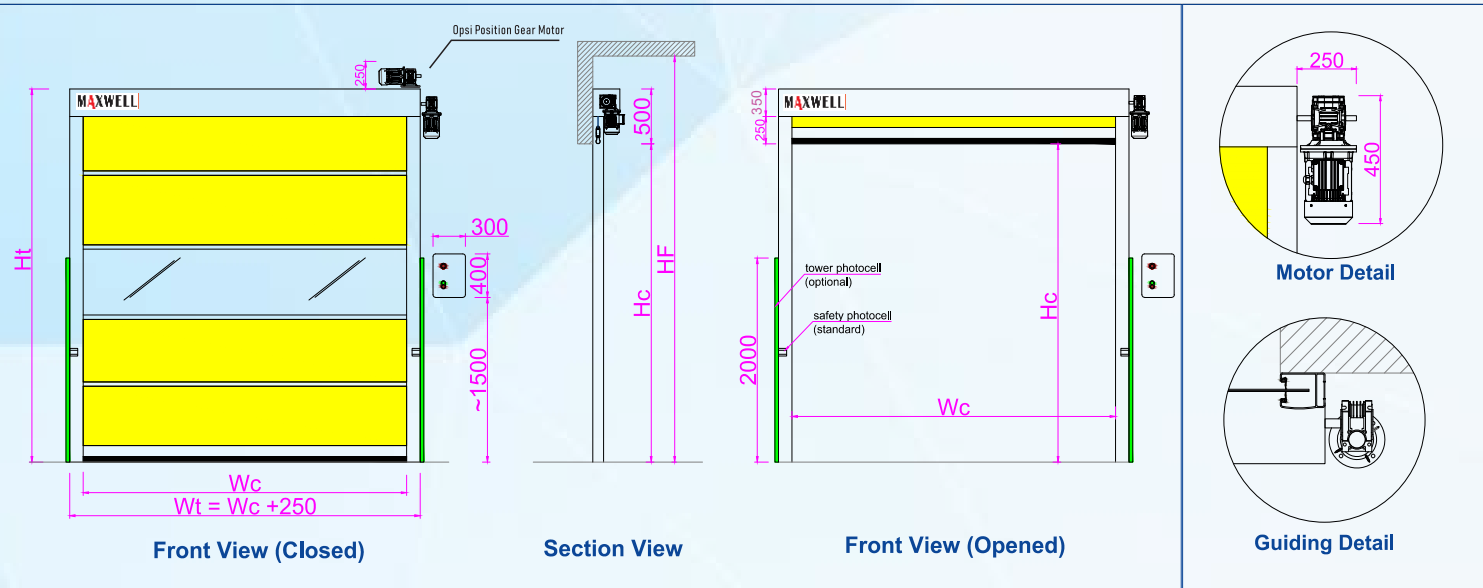
PLEASE SELECT THE PLAN DETAIL TYPES

☐ BOTH SIDES FREE Clear Width (Wc) = W	☐ WALL ON BOTH SIDES Clear Width (Wc) = W - 575	☐ ONE SIDE FREE Clear Width (Wc) = W - 100
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Project Name :		Quantity	Motor Location	Fabric Color	Window	Control and Safety Options	Voltage Spec.
Product Name :	PVC SELF REPAIRING DOOR	PCS.	Left Center Unavailable	L.Grey RAL 7038 D.Grey RAL 7046 L.Blue RAL 5015 Black	Available N/A	Pull Down Switch Motion Detector	Monophase (V)
DIMENSIONS				Orange RAL 2009 Green RAL 6005 Beige RAL 1014 White		Remote Loop Detector	Triphase (V)
W (mm)	Hc (mm)						Frequency (Hz)
Wl (mm)	Ht (mm)						Neutral (Yes/No)
Wr (mm)	Hf (mm)						
Wt (mm)							

NOTES:
* standard safety equipments : safety photocell
* button control on the control panel (standard)
* external button is included in the standard package
* inverter control panel (standard)

D.Blue RAL 5002	Red RAL 3002	Yellow RAL 1003	Other	Aluminium (Standard) Galvanised (Optional) Unavailable	Body Structure	Tower Photocell Other	
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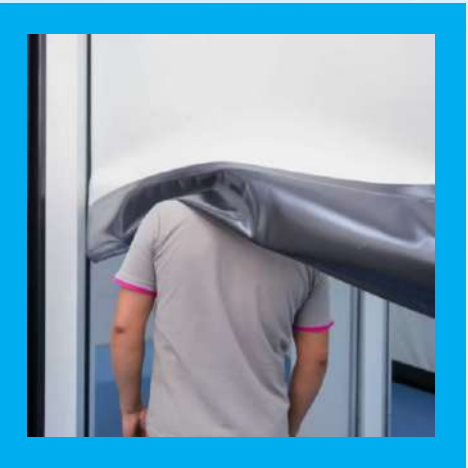
PLEASE SELECT THE PLAN DETAIL TYPES

☐ BOTH SIDES FREE Clear Width (Wc) = W	☐ WALL ON BOTH SIDES Clear Width (Wc) = W - 625	☐ ONE SIDE FREE Clear Width (Wc) = W - 125
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Project Name :		Quantity	Motor Location	Fabric Color	Window	Control and Safety Options	Voltage Spec.
Product Name :	PVC ROLLING DOOR	PCS.	Left Center Unavailable	L.Grey RAL 7038 D.Grey RAL 7046 L.Blue RAL 5015 Black	Available N/A	Pull Down Switch Motion Detector	Monophase (V)
DIMENSIONS				Orange RAL 2009 Green RAL 6005 Beige RAL 1014 White		Remote Loop Detector	Triphase (V)
W (mm)	Hc (mm)						Frequency (Hz)
Wl (mm)	Ht (mm)						Neutral (Yes/No)
Wr (mm)	Hf (mm)						Inverter (Yes/No)
Wt (mm)							

NOTES:
* In the selection of galvanised body, guides are produced with a width of 100 mm.
* standard safety equipments : safety photocell
* button control on the control panel (standard)
* external button is included in the standard package

D.Blue RAL 5002	Red RAL 3002	Yellow RAL 1003	Other	Aluminium (Standard) Galvanised (Optional) Unavailable	Body Structure	Tower Photocell Other	
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Flex-Roll high speed roll up doors are designed for internal applications or negative pressure area require isolation, quick operative and easily adoptable to different applications. All kind of industries require this type of system at indoor environment that has contact risk with wind and dust. From Food Industries to Supermarket, warehouse to chemical store, doors can be provided for different requirements of client. We can provide tailor made solution. Compact design and silent operative.

High Speed door is designed for durability. Spring & Zip system are not being used as they cause damage inside wind bars. We are continuously improving in every factor to reduce the problems by collecting feedbacks from every client across globe to provide best simple and robust system.

7/24 Operations

Strong and flexible design of Speed Flex fold up doors can be operated 24X7 specially by choosing high resistance fabric and gearbox system for continuous operations. Crash resistant system installed in our doors help to re-assemble the fabric with in no time in case of accident.

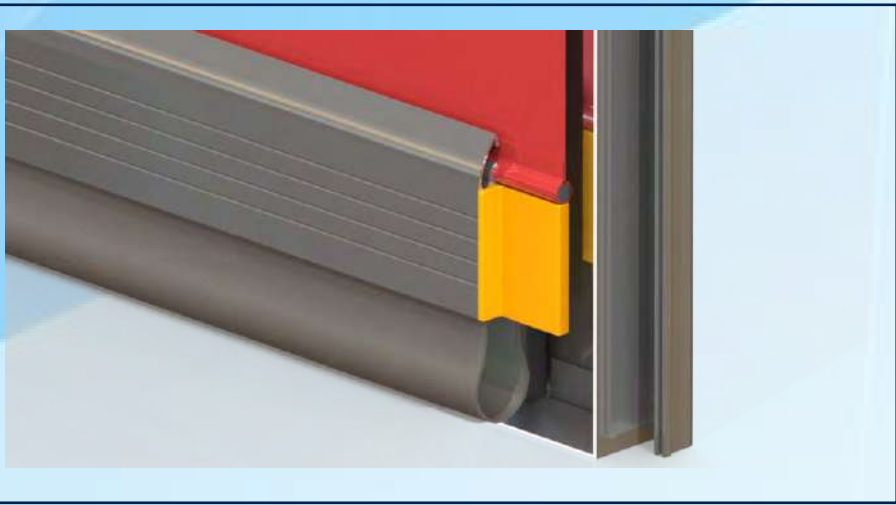
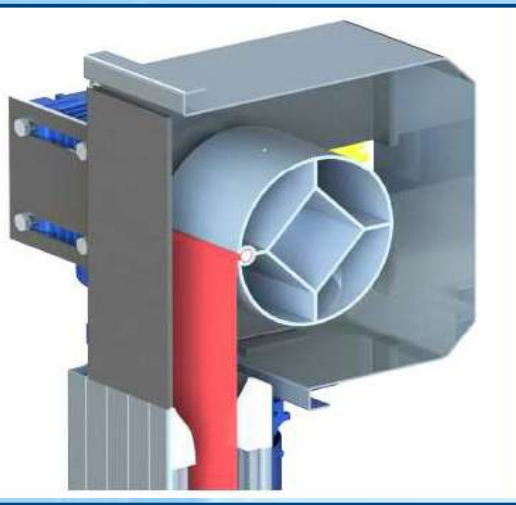
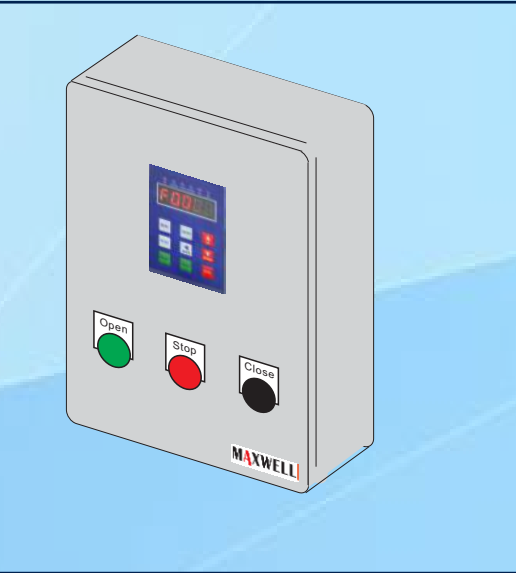
Sealing Properties

Door compact design supply to you also excellent sealing. All structure made from Aluminum and no welding also no gap to resistance moisture, acids, animal fats, rodents, insects and salt solutions, Speed Flex High speed Roll up doors works in Dusty, Dirty, Grimy Environments. This is designed for noiseless operations.



Perfect For Hygenic Area

High speed roll up Doors is designed with very low gap to avoid dust collections fully Aluminum body and hygienic fabric is meet with all clean room area and applications.



Easy and Cost effective Repairing

Flex roll High speed roll up doors is manufactured section technology so each sections can be replaced individual if a parts is tear or damaged no need to replace all fabric. System doesn't has spring or side zip system. System can be cleaned with water easily it is most important properties for high hygiene required area.

Patent Pending Sectional Desing

Speed Flex fold up door is specially designed with section. So all sections is separately installed and can be replaced easily. If any accident is occurred no need to replace fully changed the fabric. This user friendly design reduce your maintenance cost efficiently



Easy and Cost effective Repairing

Flex roll high speed roll up doors cause of design no need any special maintenance all parts is carefully chooses for no maintenance requirements also avoid using welding at the system so never faced problem cause of welded parts.

Panel Control

Controller with logic programable controll, use VSD inverter
Optional adjustment speed setting with Frekuensi (Hz) and Torque Setting.

Supply Voltage # Single Phase AC 220 (Optional Three Phase AC220/380
Signal Input # 4 Digital Input
Analog 4-20mA (Optional)
Rs485 Modbus (Optional)

Signal Output # 2 Output Dry Contact
Rs485 (Optional)
Analog 4-20mA (Optional)

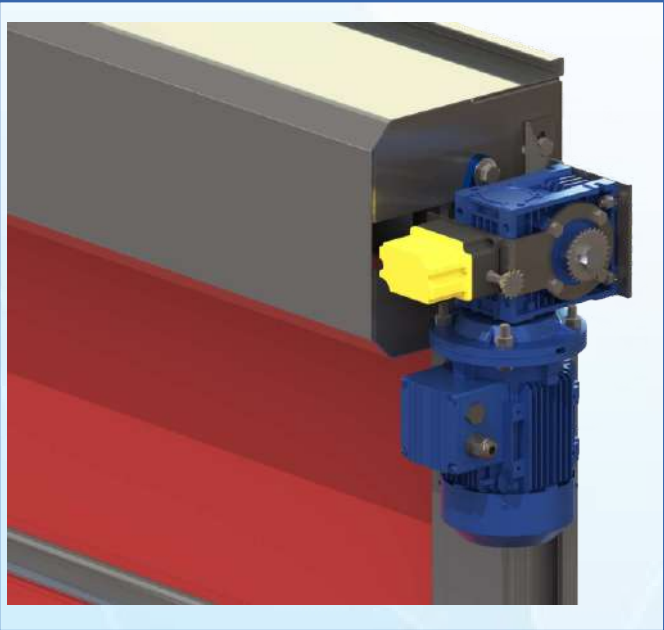
Box Panel # PVC Box / Steel Box
Push Button # 1 Contact Push Button dia 22mm / 25mm
VSD # General Vector Control Drive

Speed

Speed Flex fold up doors can be operated as a standard 90 cm /sec also can be increased 150 cm/sec with frequency converter (optional)

Motor And Gearbox

Power from 1 Hp up to 3 Hp operations voltage 200-220VAC 3 phase depends to dimensions of the doors. We prefer to use 3 Phase operation voltage for 7/24 industrial operations, as an options we have 220 V 1 phase motor operator for special applications. Gearbox high torque worm-hole design gearbox. All materials is manufactured according to CE norm.



Operations

Speed Flex® Rollup fabric door is guide up and down in the weather sealing vertical guides attached to the structure. Door is controlled by three buttons marked "Open," "Closed," and "Stop." It is controlled by momentary pressure to open and constant pressure to close. (Reverse is available). System has touchless control board for clean room sections and it can be operated with Radar, Remote controller, Metallic Loop Detectors, Pull rope switch as an options.

Loop Detector (Optional)

Together with the inductive loops laid beneath the surface, the LC series loop detectors form a universal sensor system for detecting vehicles and forklift. People are not detected.

Infrared Radar (Optional)

Opening impulse sensor for automatic doors and industrial doors i Motion sensor for people and objects.

Remote (Optional)

Is a component of an electronic device to operate the device with radio frequency from a long distance (25 mt up to 100 mt)

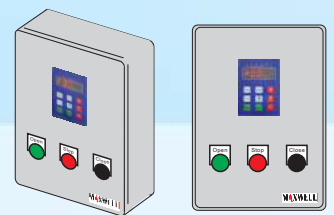
Manual Operations;

In Emergency situations or power is of Doors can be operated manually a few ways.

- A hand crank that attaches to the output shaft of the motor is available for manual operation. (Standard)
- Connecting the door to a power generator would eliminate the problem in case of a power failure. (Optional)

Technical Specification

Items		Specs
Main Body	Effective opening width	Minimum W : 800 - Maximum W : 6000
		Minimum H : 900 - Maximum H : 6000
	Effective opening height	Minimum H : 900 - Maximum H : 6000
		Colored sheet metal (Herriot color) t= 0.8 mm
	Metal t=0.8mm	Colored sheet metal (Herriot color) t= 1.6 mm
		Metal t=1.5 mm
Driving section	Drum box	Colored sheet metal (Herriot color) t= 0.8 mm
		Colored sheet metal (Herriot color) t= 0.8 mm
	Rail L / R	Colored sheet metal (Herriot color) t= 1.6 mm
		Metal t=1.5 mm
	Side cover	Colored sheet metal (Herriot color) t= 0.8 mm
		Colored sheet metal (Herriot color) t= 0.8 mm
Control box	Driving force transmission method	Involute spline
		AC motor worm gear 750 watt
	Opener	AC motor worm gear 750 watt
		AC motor worm gear 750 watt
	Wheel	AC motor worm gear 750 watt
		AC motor worm gear 750 watt
Sheet	Electrical Switch installation orientation	Right side as viewed from the front
		Right side as viewed from the front
	Ascent velocity of the sheet	1.3 m/s
		1.0 m/s
	Descent velocity of the sheet	1.0 m/s
		1.0 m/s
Pipe	Power supply	Single-phase AC 200V ± 10% (50 Hz/60 Hz)
		Single-phase AC 200V ± 10% (50 Hz/60 Hz)
	Rated current	6A or less
		6A or less
	Standby power	Less than 15W * hen equipped as standard
		Less than 15W * hen equipped as standard
Sheet	DC power source for control (Switching power supply)	DC24V 30VA
		DC24V 30VA
	Stop position control	Photoelectric sensor (Thru-beam type)
		Photoelectric sensor (Thru-beam type)
	Sensor type	Limit switch
		Limit switch
Sheet	Upper/lower limit detection	Limit switch
		Limit switch
	Switches	Up / Stop / Down / Switch / Setting / Infomation
		Up / Stop / Down / Switch / Setting / Infomation
	Sheet	Containing polyester yam (t = 0.42)
		Containing polyester yam (t = 0.42)
Pipe	Pipe material	High-tensile pipe dedicated to the roll-up door
		High-tensile pipe dedicated to the roll-up door
	Middle pipe	φ 19.1 × t 1.6 mm
		φ 19.1 × t 1.6 mm
	Lower pipe	φ 25.4 × t 1.6 + weight
		φ 25.4 × t 1.6 + weight



Control Panel

PVC Panel Or Steel Powder Coat Panel With All Varian Dimension 250x350x200 mm
Voltage Suplay AC200-AC220 +/- 10% 1Phase
Out P : 750Watt For Opening 1.0 Meter Up to 3 meter
Out P : 1500 Watt For Opening 3 Meter Up to 6 Meter
Out P : > 1500 Watt For Opening More > 6 Meter (Optional)
P : Control 100Watt



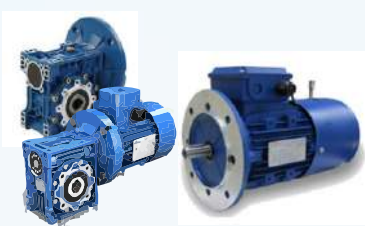
Anti Crash Sensor

Safety Edges Anti Crash Sensor
Anti-crash safety edge sensors are pressure-sensitive, flexible strips mounted on moving, hazardous parts of machines, robots (AGVs), or automatic doors. When they encounter an obstacle, they instantly detect contact and send a signal to halt motion, preventing crushing and shearing injuries. They ensure safety at pinch points with low force activation.



Motor Gear

NMRV 050 Worm Gear Reducer Model Flange
High Efficiency Compact Design
Stable and durable performance
Efficiency price
Motor AERO 3Phase AC 220 Volt 1486 Rpm
4 Poles 50Hz
Brake Voltage AC/DC 90V With Kanvas Brake
Easy For Replacement and Easy Maintennace



Safety Beam Sensor

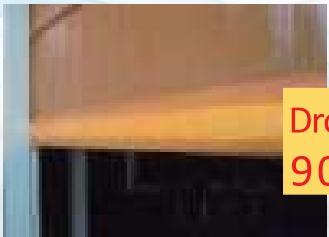
AUTONICS This sensor functions to detect the presence of objects or movement around the door and provide a signal to the control system to openor close the door automatically. Safety For Operational

Automatic Shutter Door

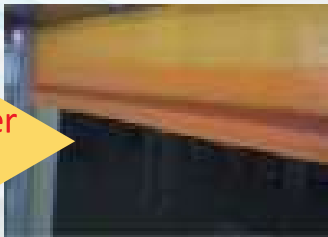
- Motor
- Motor Power
- Operation temperature
- Anti-Crash
- Bottom Safety Edge
- Safety Photocell
- Emergency Opening
- Side Insulation
- Bottom Insulation
- Coating
- SF Safety factor

ELECTRICAL SPECIFICATION FORM				
HIGH SPEED DOOR				
CUSTOMER :				
PROJECT :				
TELEPHONE :				
FAX :				
ATTN. :				
FROM :				
DATE :				
ELECTRICAL SYSTEM :				
	R-S-T-N-PE (3 Ph)	R-S-T-PE (3 Ph)	R-N-PE (Single Ph)	R-S-PE (Double Ph)
PHASE TO PHASE VOLTAGE (Volt) :				
	220 Volt	380 Volt	440 - 460 Volt	Other
FREQUENCY (Hz) :				
	50 Hz		60 Hz	
OTHER DETAILS :				

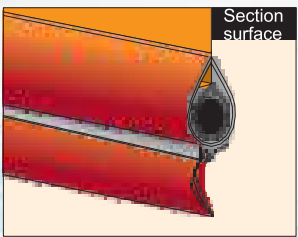
UNIFLOW



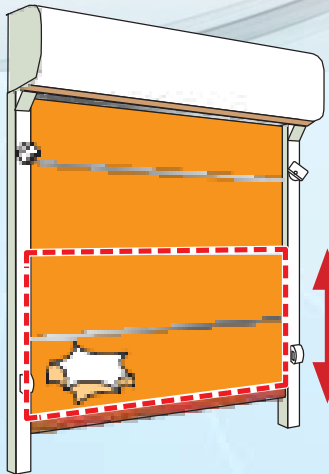
[RB-1 Standard specification]



[Water draining specification] (Option)

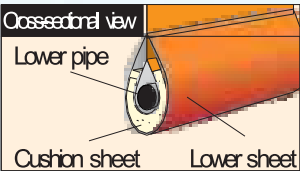
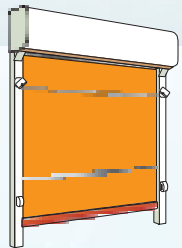
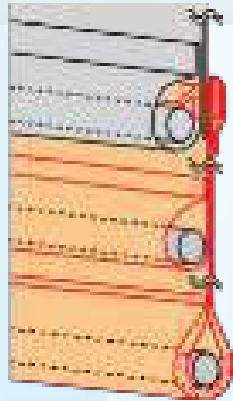


[All SUS-made specification] (Option)



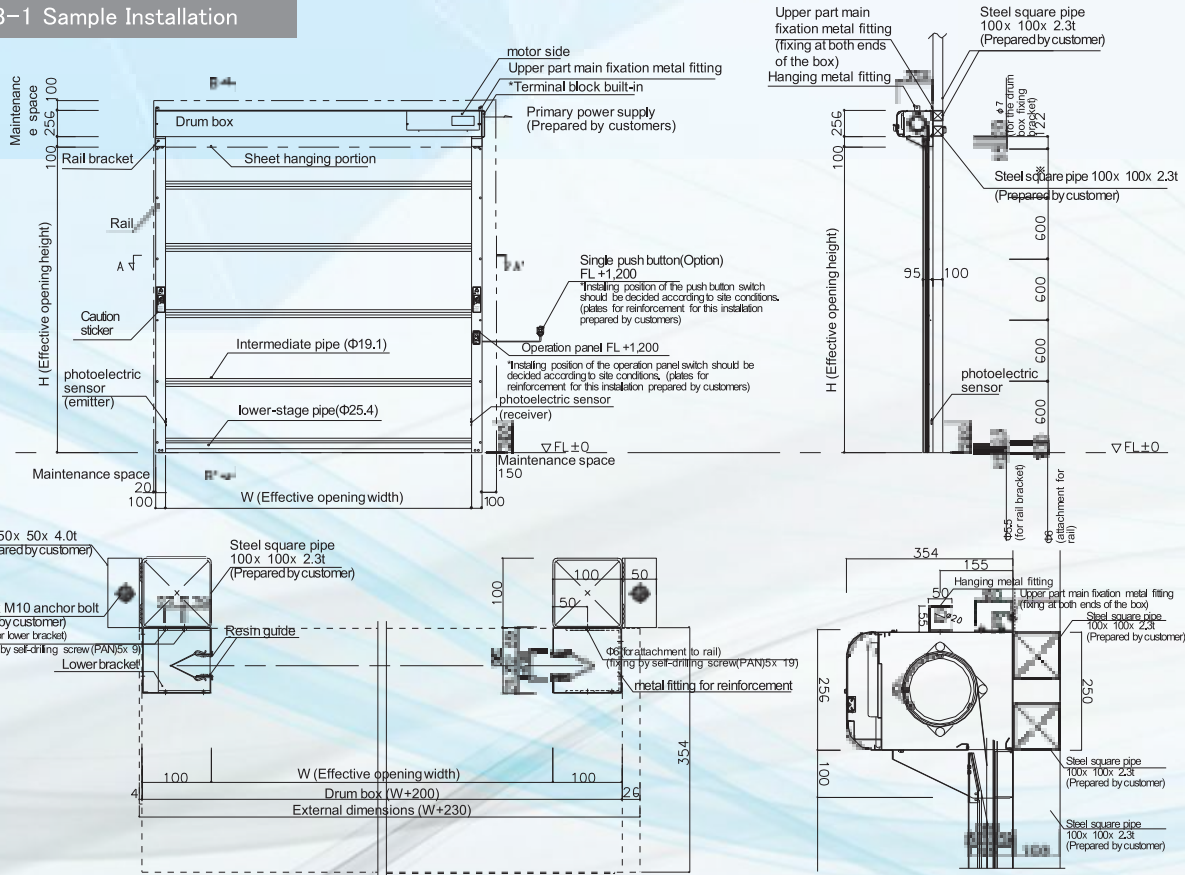
Exchangeable area

Cross-section



Corresponding models
RX-2, RX-3, RB-4Z (Existing models)
RA-2, RA-2H, RA-2S, RA-3, RA-2a,
RA-3a, RB-2a, RB-3a, RB-4*
RB-2s, RB-3s (Discontinued models)

RB-1 Sample Installation



Compact Model for Indoor Use RB-1 / Outdoor Use RB-1Ta

- Range of possible opening / Effective opening width (mm) : minimum W 800 to maximum W 3000(RB-1), minimum W 1000 to maximum W 3000(RB-1Ta)
- Effective opening height (mm) : minimum H 900 to maximum H 3000(RB-1), minimum H 1000 to maximum H 3000(RB-1Ta)
- Power : Single phase 200V - 240V AC 6A
- Sheet speed : 1.3m/s when ascending, 1.0 m/s when descending

Our Project

High Speed Door

PVC High Speed Doors are high-speed, automatic roll-up doors designed for high efficiency, thermal insulation, and hygiene in industrial environments such as factories, warehouses, and cold storage. Made from thick PVC, these doors prevent dust and pests and maintain temperature stability, with high opening and closing speeds that increase productivity and minimize contamination.

Here are the key points about PVC High Speed Doors:

1. Key Features: High speed (reduces waiting time), durable, airtight, and often equipped with a self-repairable feature (returns to its path if hit).
2. Material: Made of flexible and strong PVC (up to 5 layers), often equipped with a wind bar for wind resistance.
3. Industrial Applications: Ideal for food, pharmaceutical, electronics, automotive, logistics, warehousing, and loading/cold storage areas.
4. Safety & Operations: Equipped with photocell sensors, emergency buttons, and manual opening in case of emergency.
5. Benefits: Energy efficient, increases productivity, reduces dust/insect ingress, and is chemically resistant.



Steel Rolling Door Elektrik

An electric steel rolling door (automatic rolling door) is a practical, strong, and safe motorized steel rolling door for industrial, warehouse, or garage use, which is corrosion-resistant. Using a motor for automatic operation, this door is often equipped with a manual power outage feature and a security system.

Fast Door Automatic

Automatic High Speed Doors are industrial/commercial door solutions designed for ultra-fast opening and closing, maintaining room temperature stability, preventing dust/pests, and streamlining the flow of goods. The material is typically flexible PVC, suitable for warehouses, factories, cold storage, and high-intensity areas.

Safety Fast Door Automatic

Fast Door Automatic (automatic fast doors) are designed with advanced sensor safety features to prevent accidents and protect people, vehicles, and goods in industrial, warehouse, or commercial areas. These sensors detect the presence of objects in the door's path, preventing the door from closing if a person or heavy equipment (such as a forklift) passes through.

