



High Speed Door Fast Rolling Door Cửa Cuốn Nhanh



High speed doors
Fast rolling doors
Cửa cuốn nhanh



Cửa cuốn nhanh màn nhựa Mod.AFR - 2a

www.astechn-vn.com

Cửa cuốn nhanh được lắp đặt ngăn cách giữa bên ngoài và bên trong của nhà xưởng, nhà kho giúp duy trì được môi trường tốt, chống bụi bẩn, côn trùng xâm nhập từ bên ngoài nhờ cơ chế đóng mở nhanh của cửa. Đồng thời cũng làm cho giảm tổn thất nhiệt và tạo ra một môi trường cách nhiệt/ cách âm tốt. Cửa cuốn nhanh thích hợp lắp đặt tại vị trí có người đi bộ và hàng hoá thường xuyên qua lại.

Our high speed doors is to install between external and internal pathways in factories, warehouses, etc. It help to maintain environment pleasantly by blocking dust, insects and so forth coming from outside due to rapid opening and close and reduces heat loss and creates a good thermic / acousticproofing. High speed rolling doors/ fast rolling doors suitable to install for frequent pedestrians and goods

Technical data - Đặc tính kỹ thuật

Metallic structure in self bearing galvanized steel, with 2 “U” bent vertical posts, top horizontal bar with shaft and gears inside. Khung làm bằng thép mạ kẽm, 2 thanh đứng, 1 thanh ngang che trục cuộn và motor.

Movement is by means of rolling shaft, and connected with motoreducer. /Nguồn động lực là motor điện

HP 1 engine, self-breaking, isolated in class F; reducer 140 rpm. /Công suất 1 HP (735 W); số vòng quay 140 vòng/phút

All the side metallic structure is protected by nylon brushes, to avoid any scratch on fabric when running.

Tất cả bề mặt khung được gắn thanh nylon nhằm chống gập trong quá trình cuộn.

Steel bar are horizontally inserted in PVC canvas approx. each 1000mm. (mod.AFR) - Alu minum bar approx. each 600mm level (mod.AFR) /Thanh thép ngang lồng vào màng PVC ở mỗi khoảng cách 1000mm (AFR) hoặc thanh nhôm nép màng PVC (model AFR-KR) ở mỗi khoảng cách 600mm

Class 2 self-extinguishing double coated PVC canvas, weight 900 gr/sqm, Vải Polyester có phủ lên màng PVC, trọng lượng 900g/m²

Colours at disposal: yellow, green, white, grey and cream. / Màu sắc: vàng, xanh lá, xám, kem, cam

Using temperatures: from -30oC till +70oC. / Nhiệt độ cho phép: - 30oC đến +70oC

Control panel according CE safety standards, with IP 54 degree of protection.

Bảng điều khiển theo tiêu chuẩn Châu Âu, độ kín đạt tiêu chuẩn IP 54

Opening and closing speed: approx. 1 m/sec. /Tốc độ đóng mở khoảng 1m/giây

Electric current: 380 Volts/ 220 Volts triphase, 50-60Hz, 24 DC on commands

Nguồn điện: 380V/ 220V ba pha, 50 - 60Hz, 24 DC trên mạch điều khiển

Standard supply: No. 1 security photo cells couple (UNI 8612) - No .1 row of window/s h 750, width and quantity in function requested door width depending on general dimensions of door (and line vision transparant sector height mm 600 x width depending on general dimensions). No. 1 control panel with open/close /stop functions - no . 1 yellow aerial blinking light. Aerial device for manual opening in case of current failure.

Chuẩn cung cấp: 1 cặp thiết bị bảo vệ photocell mắt thần (UNI 8612); dãy ô nhìn PVC trong suốt cao 750mm, chiều rộng theo yêu cầu (kích thước thông dụng 950mm); 1 bảng điều khiển với chức năng mở/ đóng/ ngừng; 1 đèn chớp vàng; cây mở bằng tay khi không có điện

Option/lựa chọn

- Additional control box with operating buttons
- Radar open
- Receiver for remote controls
- Two channels remote control
- Pull cord switch
- Key switch
- Frame in stainless steel



Technical data - Đặc tính kỹ thuật



AFR-2a



AFR-3a



AFR- 4a

Model

Standard specifications

(AFR-2a and AFR-3a)

Items		Specification	
		AFR-2a	AFR-3a
Effective opening regulation	WE:Effective opening width (mm)	Minimum Width: W 1000 to maximum width: W 4500	Minimum width: W 4550 to maximum width: W 6000
	HE: Effective opening height (mm)	Minimum height: H 1000 to maximum height: H 5000	
Components used	Box	Stainless steel sheet (304)	
	Rail	Stainless steel sheet (304)	
	Rotor pipe	Pipe Ø90	
	Curtain/Sheet (Transparent type)	Polyeste /PVC sheet, 900gr/m2	
		Intermediate pipe Ø25.4	
Operation method	Driving portion	Induction motor (output 750 W)	
	Sheet speed	1.2 m/s (when ascending), 0.6 m/s (when descending)	0.8 m/s (when ascending), 0.6 m/s (when ascending)
	Upper/lower limits switch setting method	Digital control, CS300 control box	
	Opening/closing speed control	Digital programe, CS300 control box	
Sensor	Phototube sensor	Photoelectric tube sensor(phototransmitting / photoreceiving type, 2 optical axes)	
Power supply		3 pha/380V/50Hz	
Allowable frequency		120 times/h, 2 times/min	90 times/h, 1.5 times/min
Ambient temperature		-10°C to 40°C(sheet drumbox),5°C to 40°C(control board)	
Ambient humidity		There shall be no freezing or condensation at 20% to 85%	
Environmental conditions		There shall be no toxic gas, powder dust, condensation, or freezing	

Technical data - Đặc tính kỹ thuật

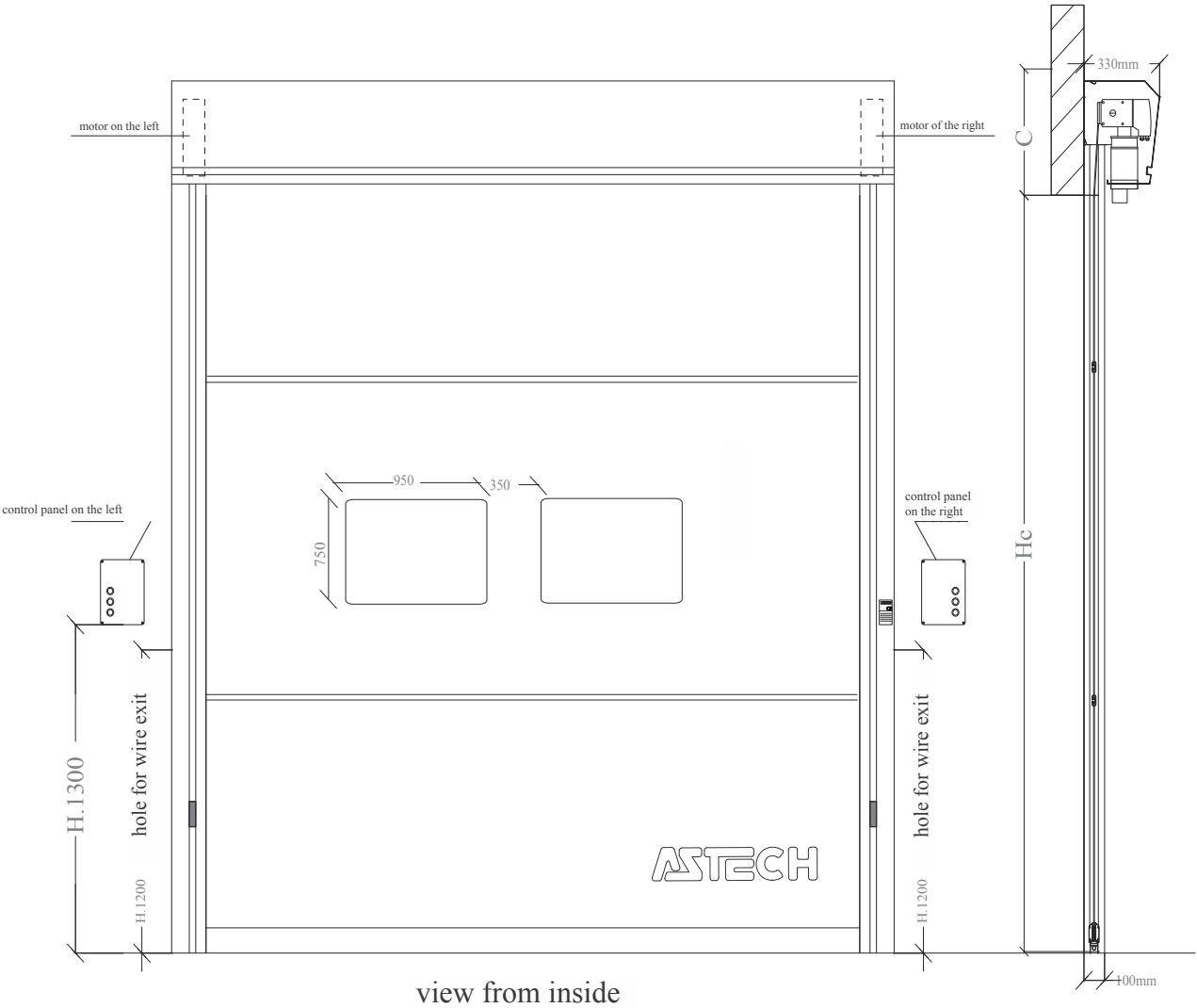
Large model/commonly used for indoors and outdoors

The largest size in the industry, enabling up to 60m² of opening in plants or warehouses..

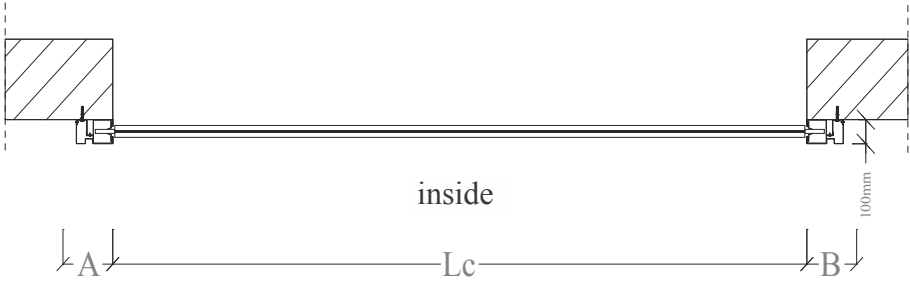
Large type available for sizes of up to 10m in width and 6m in height.

Standard specifications (AFR- 4a)

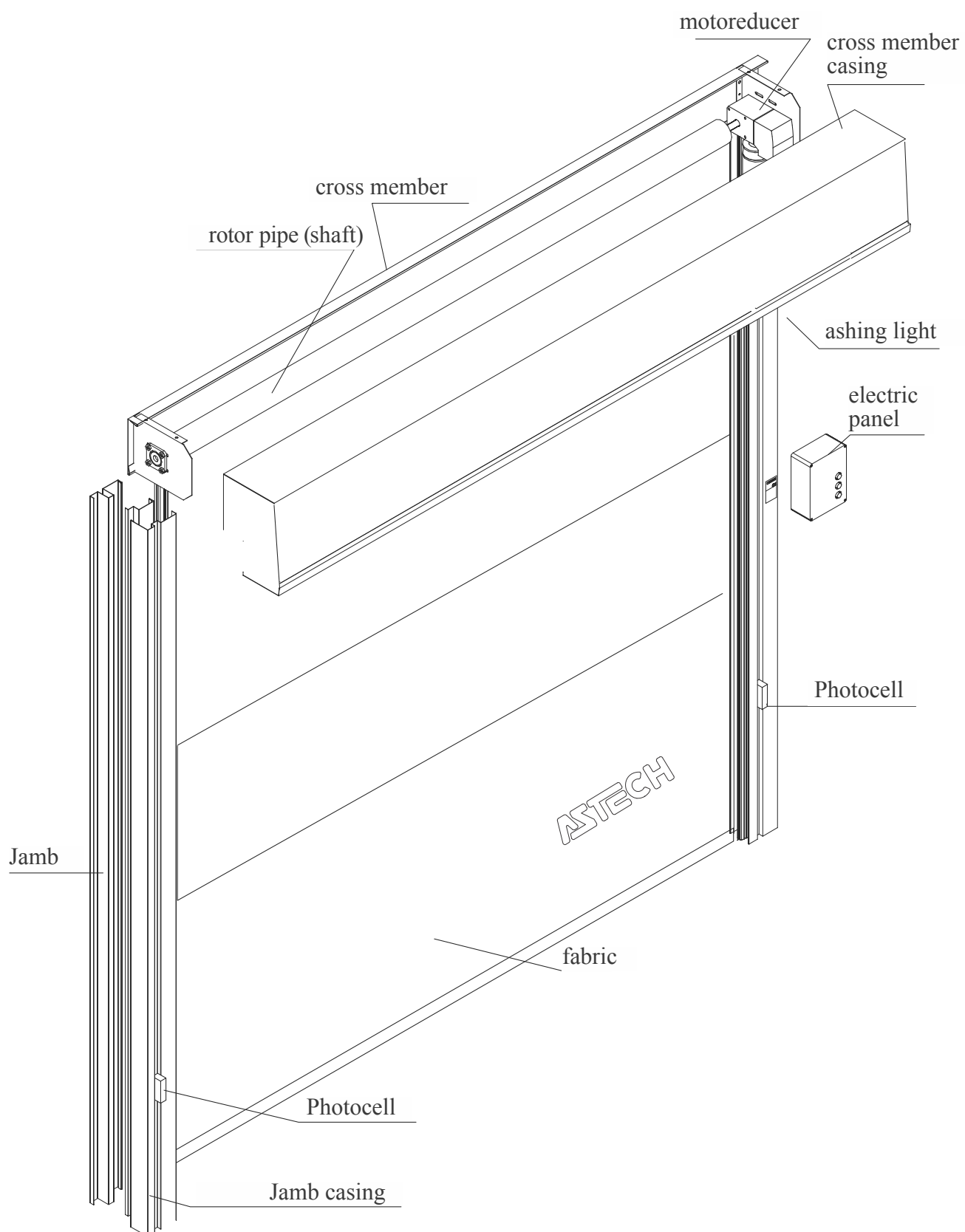
Items		Specification	
		AFR- 4a	
Effective opening regulation	WE:Effective opening width (mm)	Minimum width: W 6050 to maximum width: W 10000	
	HE: Effective opening height (mm)	Minimum height: H 2000 to maximum height: H 6000	
Components used	Box	Colored steel sheet (RAL9010)	
	Rail	Colored steel sheet (RAL9010)	
	Sheet (Transparent type)	Polyeste /PVC sheet, 900gr/m2	
		Intermediate pipe Ø38.1 + roller	
Operation method	Driving portion	Induction motor (output 1.5K W)	
	Sheet speed	1.2 m/s (when ascending), 0.6 m/s (when descending)	0.8 m/s (when ascending), 0.6 m/s (when descending)
	Upper/lower limits setting method	Digital control, Cs300 control box	
	Opening/closing speed control	Digital programe, Cs300 control box	
Sensor	Phototube sensor	Photoelectric tube sensor (photo transmitting / photo receiving type, 2 optical axes)	
Power supply		3pha/380V/50Hz	
Allowable frequency		120 times/h, 2 times/min	90 times/h, 1.5 times/min
Ambient temperature		-10°C to 40°C(sheet drumbox),5°C to 40°C(control board)	
Ambient humidity		There shall be no freezing or condensation at 20% to 85%	
Environmental conditions		There shall be no toxic gas, powder dust, condensation, or freezing	



view from inside



Dimensions	Length x height		
	5000 mm x 5000 mm		
Door type	A (mm)	B (mm)	C (mm)
fast Roll Door	200	200	500
Note	(*) Indicate position when ordering		



STANDARD MOTOR/ bộ moter truyền động



380 volt Motoreducer with
electrobrakes and digital limit switch

n° 1 Couple of photocells (Benica), n° 1 LED ashing (Benica) , n° 1 Couple of rada sensor (B.E.A)



TECHNICAL CHARACTERISTICS OF THE MOTOREDUCER

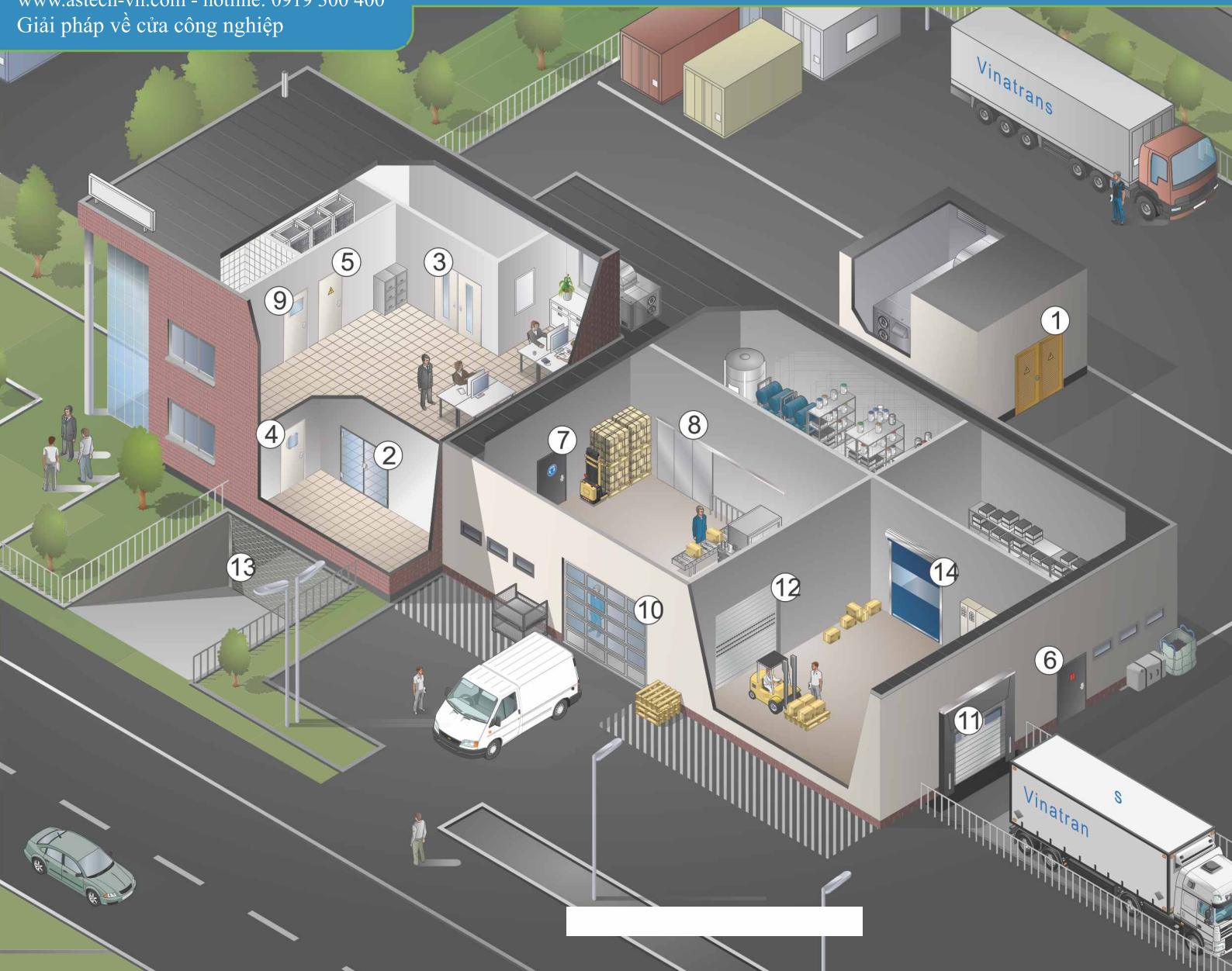
Description	U.M.	technical data	
Exit couple	Nm	60	40
Maximum safety catch torque	Nm	309	258
Torque factor couple	Nm	143	83
Driving motor speed	min	90	136
Voltage	V	400 / 3 ~	400 / 3 ~
Electric frequency	Hz	50	50
Control voltage	V	24	24
Acoustic pressure level	dB(A)	< 70	< 70
Weight	kg	22 / 25	22 / 25
Maximum output revolutions		13	13
Shaft	mm	25,4	25,4

TECHNICAL CHARACTERISTICS OF THE ELECTRIC PANEL (CS300)

Description	U.M.	Standard	Inverter
Voltage	V	230, 400 / 3 ~ 230 / 1 ~	230 / 1 ~
Electric frequency	Hz	50	50
Control voltage	V	24	24
Maximum load	kW/A	2,2 / 6	0,75
Protection type	IP	65	65
Temperature limit	°C	-10 / 60	-10 / 60
Dimensions LxHxD	mm		
Weight	kg	2,8	2,8



ASTECH high speed doors
Cửa cuốn nhanh ASTECH



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- 1 Transformer door/ cửa phòng máy phát
- 2 T30 all-glass door/ cửa kính
- 3 Fire-protection door/ cửa chống cháy
- 4 Smoke-proof door/ cửa chống khói
- 5 Multifunction door (fire/ smoke/ security) cửa nhiều ứng dụng
- 6 Security door/ cửa sắt bảo vệ
- 7 Fire / sound-insulated door/ cửa cách âm
- 8 Fire-protection door/cửa trượt chống cháy
- 9 Internal door/ cửa đi internal
- 10 Industrial sectional door/ cửa trượt trần
- 11 Industrial sectional door/ cửa trượt trần
- 12 Roller shutter/ cửa cuốn
- 13 Roller grille/ cửa cuốn
- 14 High - speed door/ cửa cuốn nhanh

ASTECH
Corporation



overhead section door



rolling door

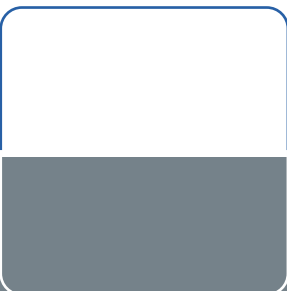


hermetic seal door
hospital/cleanroom



high speed door
fast r olling door

Hình ảnh khách hàng tham khảo



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