



## METAXDOOR M-COM Multi Function Automatic Revolving Door



Revolving Doors



Sliding Doors



Swing Doors





M-COM Multi Function Automatic  
Revolving Door



Night Shield

*You Dream,  
We Build*

**Metaxdoor M-COM** is a multi functional entrance system providing multiple operating combinations, desired in main entrances.



**METAXDOOR** M-COM is the most popular and functional entrance system for high traffic buildings such as shopping malls, hospitals, airports, hotels, in which users carry high volume equipments such as luggage, stretcher, shopping cart, enter and exit with these equipments.

Along with being the most desired door system to relieve the entrance traffic, **METAXDOOR** M-COM can be used as a revolving door and a sliding door upon demand. It also possesses the night shield system on locked position, as a result of it's structural design, which is an optional feature in other doors.



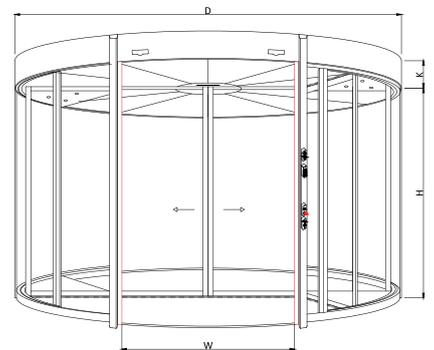


D	H	K	W	W1	D1	D2
3400	2100-2400	280-1000	1590	1480	3366	3306
3600	2100-2400	280-1000	1690	1580	3566	3506
3800	2100-2400	280-1000	1790	1680	3766	3706
4000	2100-2400	280-1000	1890	1780	3966	3906
4200	2100-2400	280-1000	1990	1880	4166	4106
4400	2100-2400	280-1000	2090	1980	4366	4306

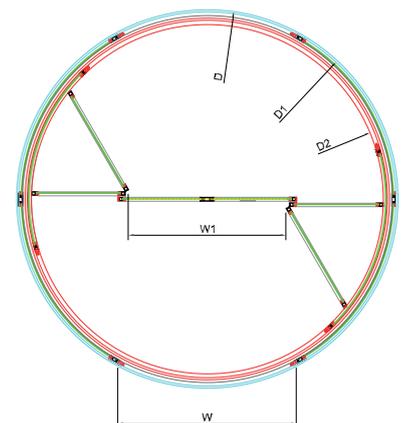
\* Dimensions are in millimeters.

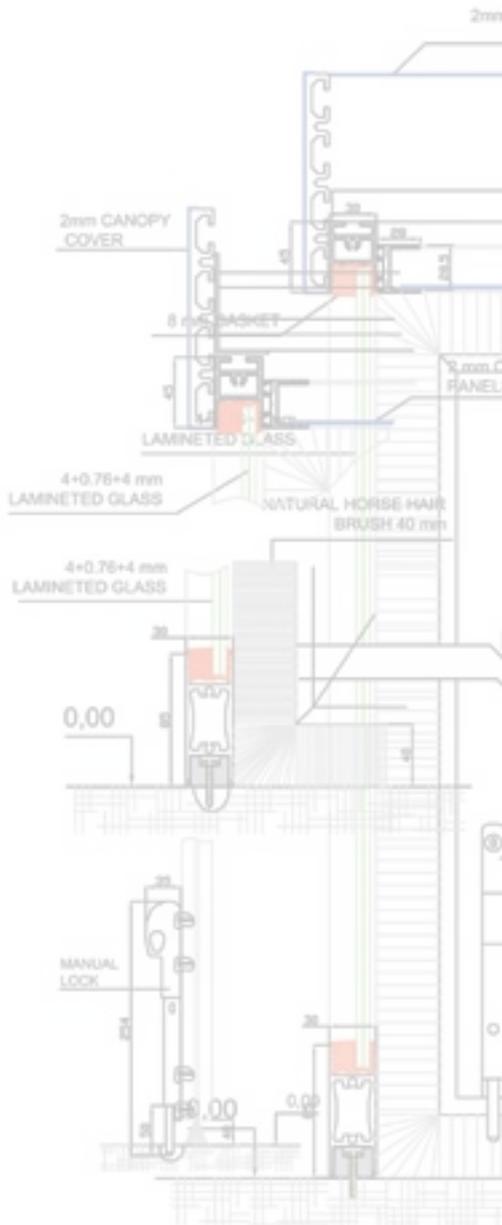
\*\* Special dimensions are available upon request.

\*\*\* Dimensions are for information purposes only and are subject to change upon static requirements.



- D: Outer Canopy Diameter
- D1: Outer Ground Diameter
- D2: Inner Diameter
- W: Passage Width
- W1: Sliding Door Passage Width
- H: Passage Height
- K: Canopy Height



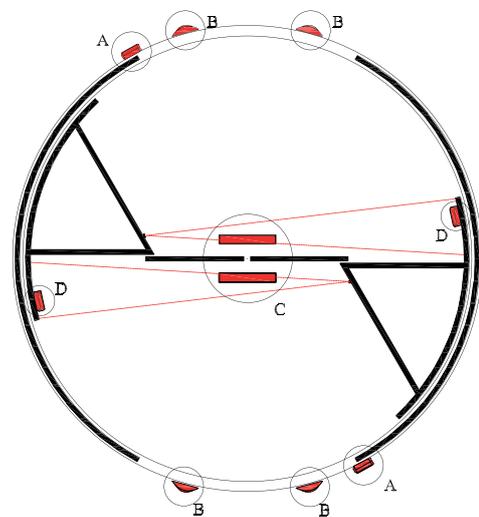


### Technical Specifications

Supply	220 V AC / 50-60 Hz
Motor	UniMASTER AC Motor
Ambient Temperature	-20 °C - +55 °C
Fixed Curved Glasses	Standard 4 + 4 Laminated Glasses
Fixed Panel Cladding	Optional
Leaf Glasses	Standard 8 mm Tempered Glasses
Showcase	Two Triangle Openable Showcases
Speed Control	Standard
Disabled Passage System	Standard
Lighting	Energy Saving Spot Light
Locking	Electromagnetic Motor Lock
Hand Safety	Standard
Heel Safety	Standard
Extra Safety Package	Optional
Anodized Finish	Standard
Electrostatic Powder Coating	Standard
Stainless Steel Cladding	Optional
Floor Mat	Optional
Floor Ring	Standard
Waterproof Ceiling	Optional
Breakout Mechanism	Optional
Automatic Sliding Door	Standard
Microwave Radar	Standard
Summer Mode	Standard
Continuous Slow Mode	Standard
Night Mode	Standard
Circular Air Curtain	Optional
Espagnolette Lock	Optional

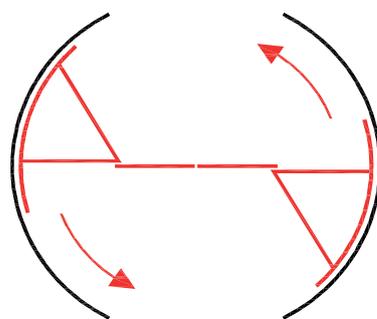
\* Contact for special requests upon project basis.  
 \*\* Some specifications are not available for static requirements.  
 \*\*\* Contact for detailed information.

### Safety Equipments

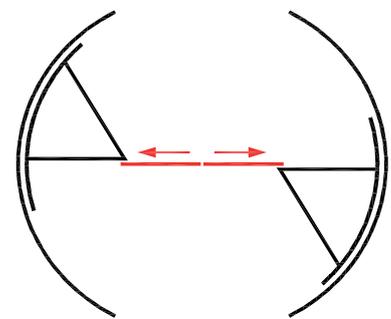


Vertical Scanner Sensors  
 Activation Radars  
 Sliding Door Combined Sensors  
 Sequential Stepped Safety Sensors

### Operation Modes



Revolving Door Mode



Sliding Door Mode



### Activation

Metaxdoor revolving doors give high flexibility to users with wide range of activation alternatives provided.

Various activation options such as radar, code panel, card reader, touchless sensor switch, elbow button, fingerprint reader, remote control, etc. are manufactured to work compatible with the system. These options provide you with an entrance control free of problems.



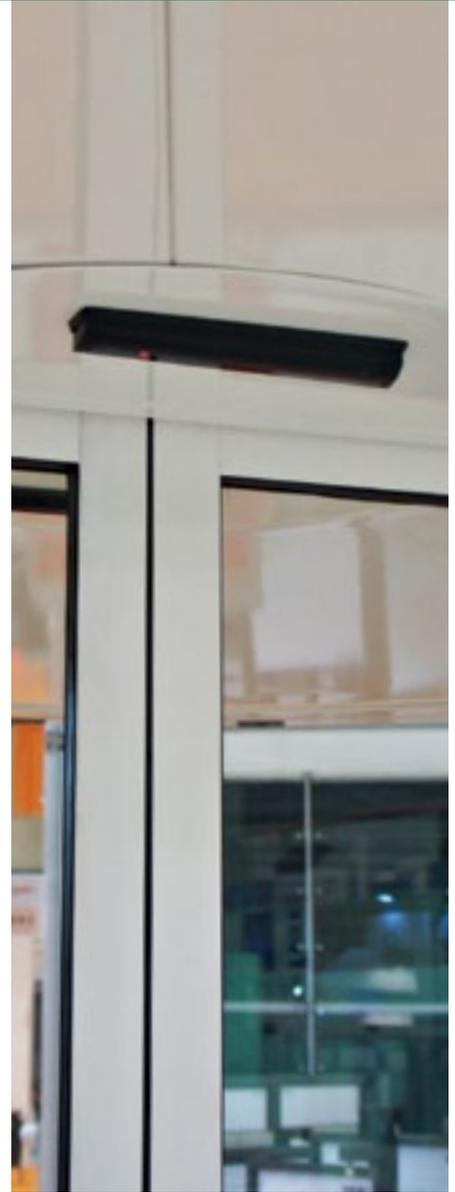
### Disabled Passage

Disabled passage system consists of a button and the systems connected to this button. When the system is activated, rotation speed of the leaves decreases so that an easier and smoother access can be provided for disabled or elderly people.

This system can be applied on the fixed drums as a standard feature and it also can be applied according to the buildings' architectural design optionally.

### Safety Package

Metaxdoor revolving door systems provide you with complete protection against any and all



incidents by the flawless safety system they possess.

With the vertical safety edges placed on the rotating direction of the moving leaves and the vertical scanner sensors, which are placed on the canopy positioned as the rotation direction of the leaves, any kind of jam between the leaves and the fixed frames are out of question.

Sequential stepped safety is used to provide safety inside the door. System consists of 2 sequential safety sets; detection of first set slows down the door and second set stops the movement. Addition to these steps safety edges placed under the leaves complete inside door safety.

Combined safety and activation sensors positioned inside the canopy for automatic sliding door, prevents any object to jam between sliding leaves and enables the sliding door to work safely.

## Hardware Specifications



### Glasses

As standard; 4+4mm curved laminated glasses are used on fixed drums and 8 mm tempered glasses are used on the moving leaves. 5+5 mm curved laminated and 10 mm tempered glasses can also be used upon demand. Providing these qualities and dimensions, any kind of color and colored reflected glasses can be used as options on the system. Glasses are protected from outside effects by glass seals.



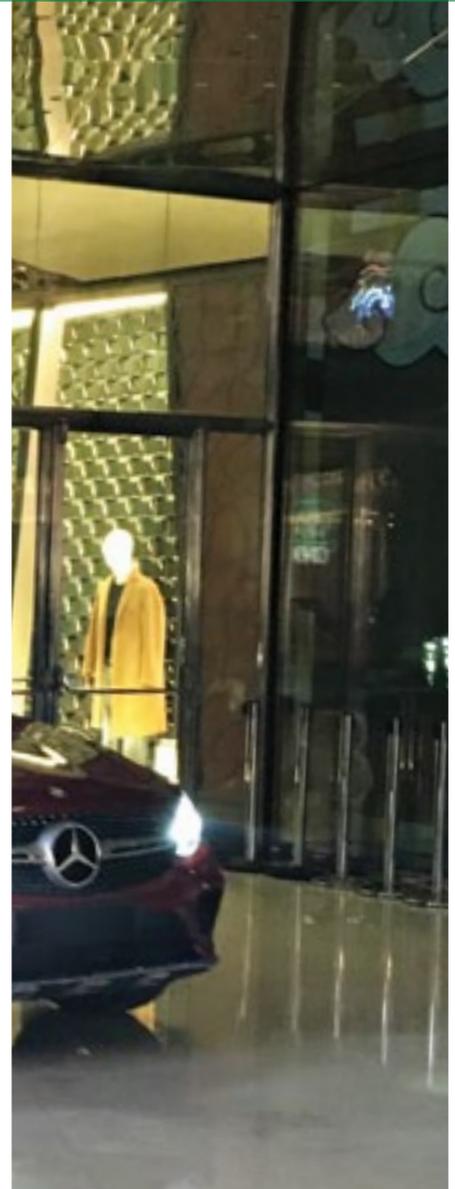
### Mechanism

Metaxdoor revolving door systems' canopies are manufactured as modular; made of only aluminium alloy and without any kind of welding.

Motor and controller units are designed specially for revolving door systems, within our research and development facilities and in cooperation with top European companies. These systems are manufactured to far exceed your expectations.

### Emergency System

Metaxdoor revolving doors have an emergency stop system. It consists of a button and



system connected to this button. In case of an emergency when this button is pushed the door stops immediately. Automatic versions can be used as manual by this system. In some cases this is a preferred system as it provides the user with the flexibility of using the door both automatic and manual.

### Leaves

Everything is assembled seamlessly and smoothly by the unique designed frame profiles and natural horse hair brushes surrounding the frame in the leaves of Metaxdoor revolving door systems. With this harmony; air, dust and noise insulation is maximized. The unique design used in the profiles provides Metaxdoor revolving door systems with toughness along with an extremely chic look.

PLC CONTROL

01



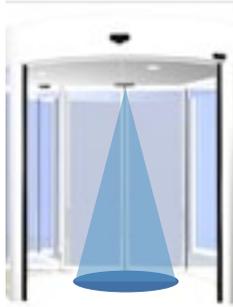
Air Curtain

02



Photocell Radar

03



Radar

04



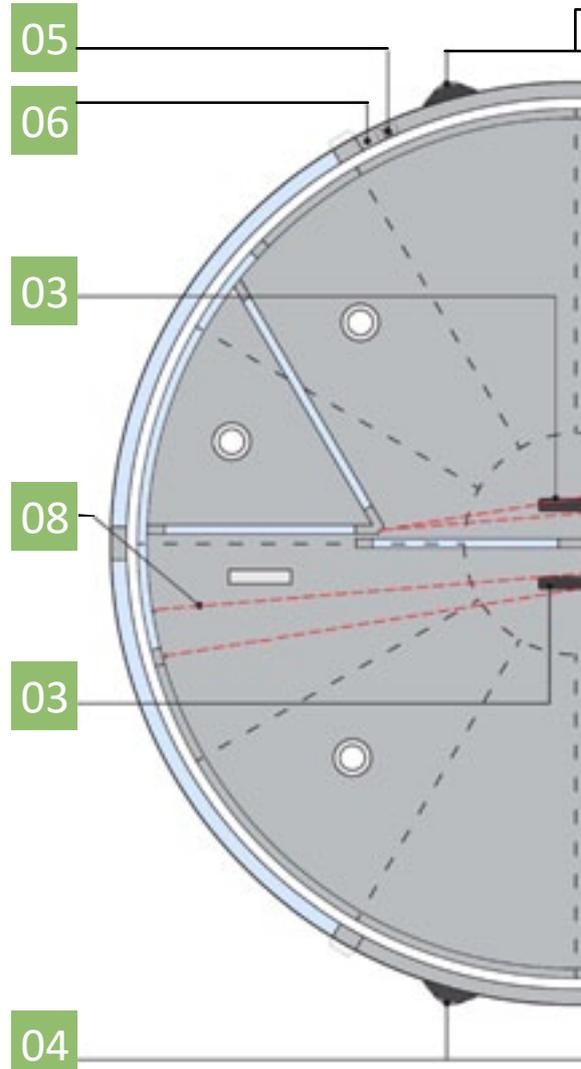
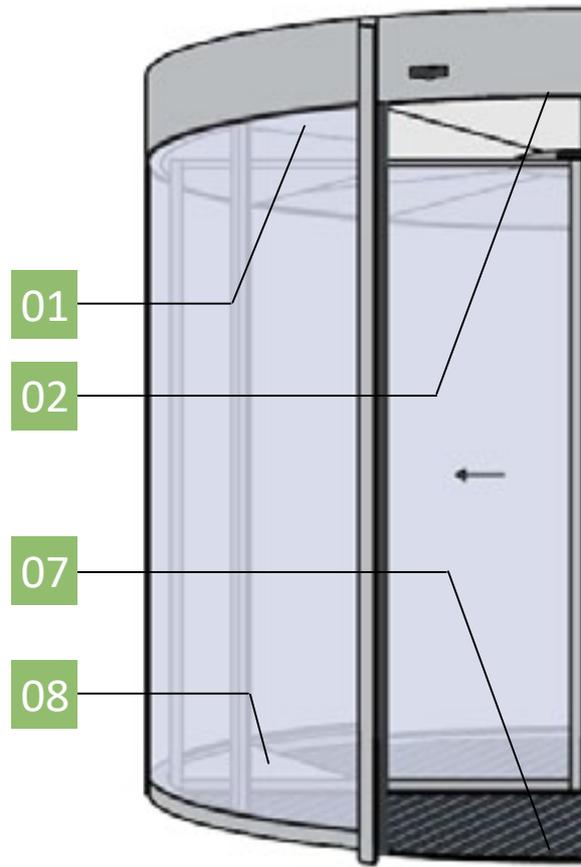
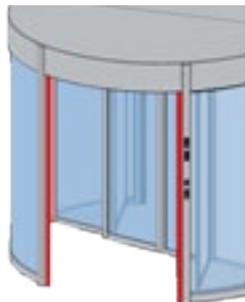
Optical Safety Sensor

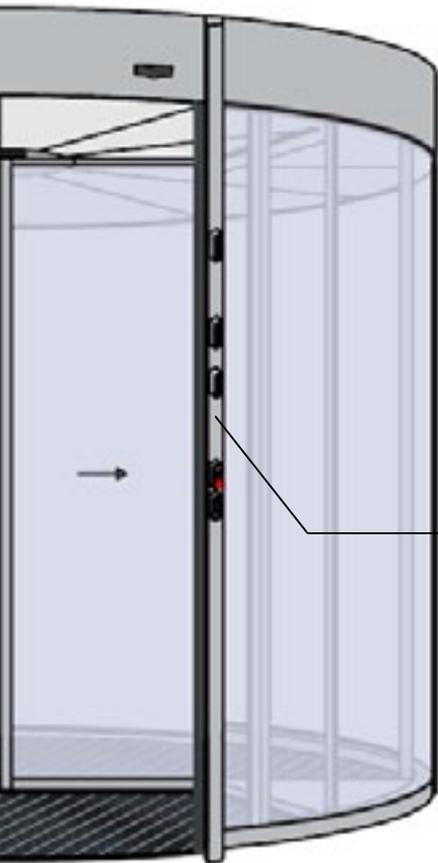
05



Hand Safety Edge

06





Ethernet Switch



Clean Switch



Position Switch



Emergency Button



Disabled Access and Spot On/Off

04

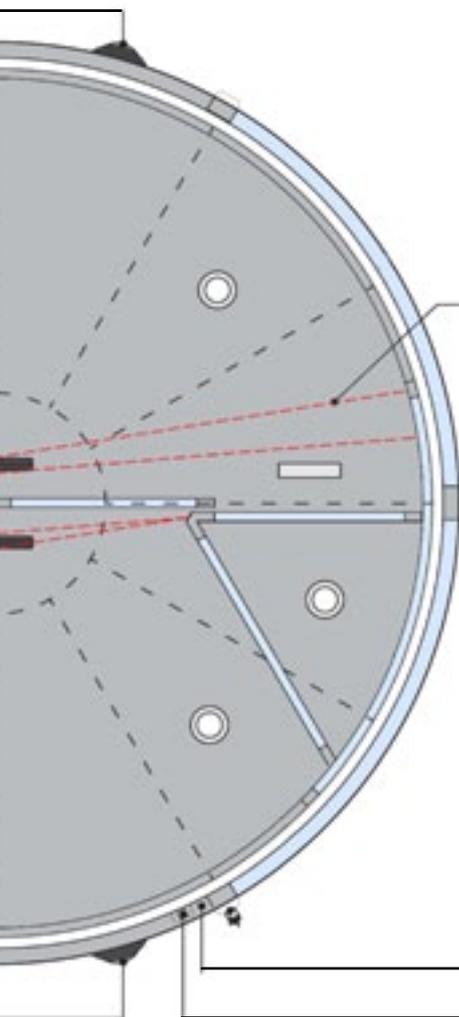
Floor Mat

07



Showcase and Safety Sensor

08



08

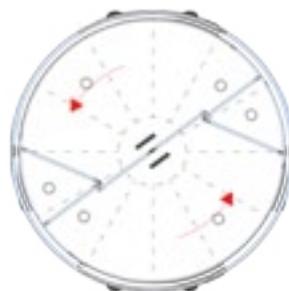


06

05

STANDARDS

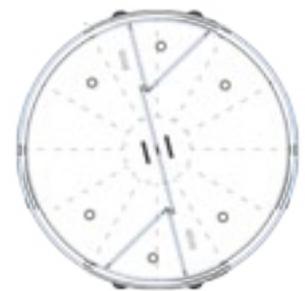
DIN 18650-1:2010	BS 7036-1:1996
DIN 18650-2:2010	BS 7036-5:1996
EN ISO 13849-1:2008	EN 16005:2012
EN 60335-1:2012	



Automatic Revolving Door Mode

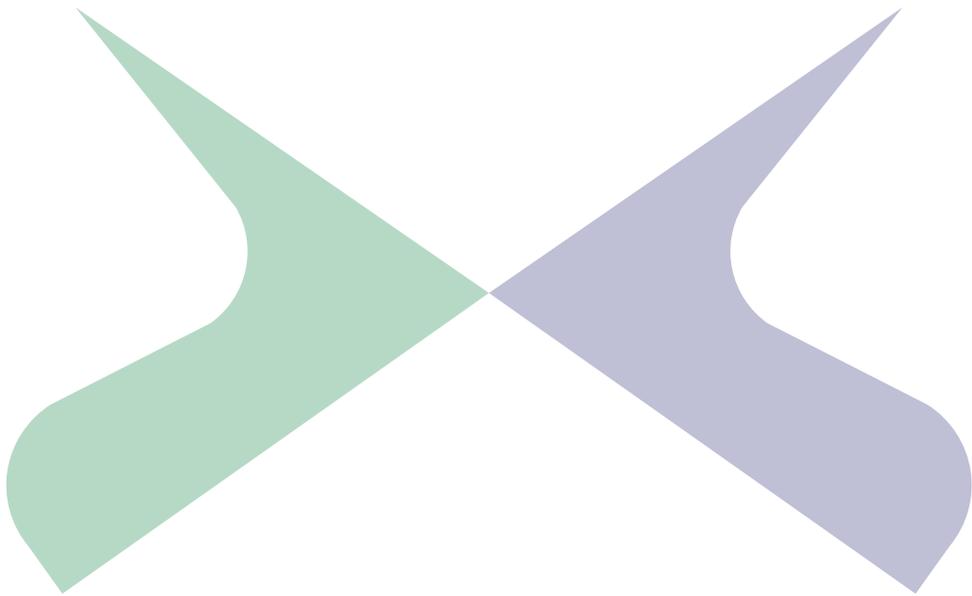


Automatic Sliding Door Mode



Close (Night Shield) Mode





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