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KAP 1000

Advertising Door

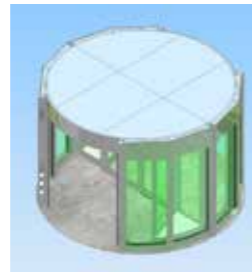


Product Overview

KAP100 advertising door keeps main functional characteristics of KA220 two-wing automatic revolving door and was redesigned in accordance with door area appearance and commercial design requirements. It's mainly characterized by a fold-line shape wall, and each fold-line part is provided with a separate advertising showcase, looking extremely modern, simple and practical. This door type highlights the important position function of a building's main entrance, which is the "golden area" for publishing advertisements. It provides a unique and attractive style and also commercial functions for entrances, so it's particularly applicable for such places as shopping centers, supermarkets, commercial office buildings and bank outlets.

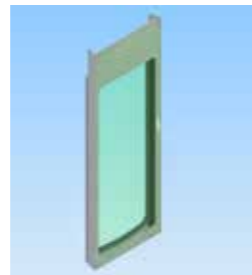


Unique Design



Unique Appearance and Shape Design

KAP100 advertising door is designed with fold line shape walls, different from the traditional appearance of automatic revolving doors. Its unique shape (round inside and square outside), shows personality and distinctiveness of the door area in the visual effect.



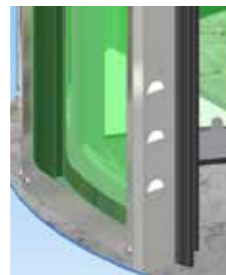
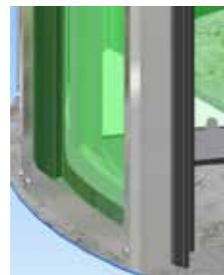
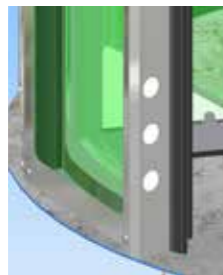
Separate Building Block Wall Design

KAP100 advertising door is designed with building block revolving door walls based on the column support, and hidden frameworks connect the curved glass inside to the flat glass outside in a building block way, easy for production, transportation and installation.



Separate Advertising Showcase Design

KAP100 advertising door has 8 separate advertising showcases, and advertisement can be inserted into the double-layer glass of walls. It adopts a remote control electric scrolling mode for switching between advertising frames and a fully clear effect. With a dedicated remote controller, it's easy for single-showcase control and multi-showcases synchro control.



LED Passage Indicator Lamp Design

As the key passage indicator, three sets of LED lamps are mounted on the bottom of the entrance column on the revolving door of KAP100 advertising door.

4-in-1 Functions

Revolving Door Function

The revolving door is designed to isolate interchange of indoor and outdoor air to the greatest extent, thus greatly saving energy losses caused by heat exchange.

Sliding Door Function

When traffic is heavy or massive objects pass, open the sliding door between two-wing doors to maximize the passage capacity easily.

Balanced Door Function

The maximum evacuation width can be achieved in emergencies.

Advertising Display Function

It combines utility and commercial functions perfectly and makes the best use of entrances, as a golden and important part of the whole architecture.

Technical Features

Intelligent Control

It adopts advanced PLC providing display of running status in both Chinese and English.

User-friendly Setting

It's easy to set working parameters of the automatic door, providing easy and convenient control experience for users.

Advanced Control System

It adopts PLC and international popular AC frequency control technology, improving the automatic door's operational performance, enriching functional design and extending service life.

Brush Sealing System

The automatic door air-tightness and the brush dust resistance are improved greatly due to application of the electrostatic equilibrium theory.

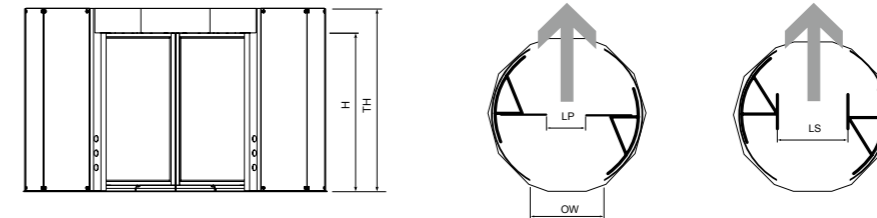


Safety Design



- 1 Anti-Collision Sensor**
When the sensor detects any person or object, the system will start braking and the door will stop running.
- 2 Radar**
When any moving object is detected, the inducer will be activated and the door will start running.
- 3 Anti-squeeze Sensor**
This function acts when the compressive safety buffer at the front of the revolving wing revolves to a position 700mm (adjustable) away from the fixed wall safety rubber. When any person or object is detected within such a distance, the system will start braking and the door will stop running.
- 4 Vertical Safety Buffer**
The safety buffer is soft conductive rubber and can be triggered quickly to stop the running revolving door in case of tiny compression and deformation. It's safer and more reliable than photoelectric and toggle switches in the market.
- 5 Photocell**
When any passer-by triggers them, the door wings will decelerate, brake immediately and stop the door finally.
- 6 Foot Sensor (optional)**
It's mounted on the bottom of outer side big column of walls at the opening, providing heel guards to passers-by.

Specifications



Model	KAP100-36	KAP100-42	KAP100-48
Inner Diameter (D)	3600mm	4200mm	4800mm
Outer Diameter (DH)	3680mm	4280mm	4880mm
Max Diameter (DM)	3960mm	4560mm	5160mm
Opening Width (TW)	1800mm	2100mm	2400mm
Opening Width of Sliding Door (LP)	1100mm	1400mm	1700mm
Emergency Escape Passage Width (LS)	1800mm	2100mm	2400mm
Clear Passage Height (H)	2200mm		
Total Height (TH)	2540mm		

Flatness of the ground	less than +/-3mm	Low speed adjustment	0.5~2.5r.p.m.
Power supply	220V/AC ±10% 50Hz	High speed adjustment	1~4r.p.m.
Rated total power	1200W	Traffic volume (diameter 3.6m)	Revolving door: 36 people / min (one way) / 60people / min (two way) Sliding doors: 120people / min
Sliding door motor power consumption	100W		
Revolving door motor power consumption	250W×2=500W	Temperature range	-15 °C ~ 50 °C
Lighting power	400W	Maximum load wind speed	20m/s
Lighting voltage	12V	Maximum ambient humidity	88%
Control system power	100W	Designed product life	100000H
UPS reserve capacity	2000VA		

Note: Design and specifications are subject to change without notice, as they are based on product development.