

KBB AUTOMATIC DOOR

KH1000

Automatic Hermetic Sliding Door

KBB

www.kbb.com.cn
KBB Automated Entrances Inc.

KBB International Co., Ltd
Add: Room A-1109 No.72 North Road of West 3rd Ring Haidian
District Beijing China 100048
Tel: 86-10-88825668
Fax: 86-10-88825668-300
Email: service@kbb.com.cn



Hangzhou



View China —Zhejiang





KH1000

Is a professional hermetic sliding door developed by KBB, specifically designed for the special room which needs high quality cleanness and air tightness.

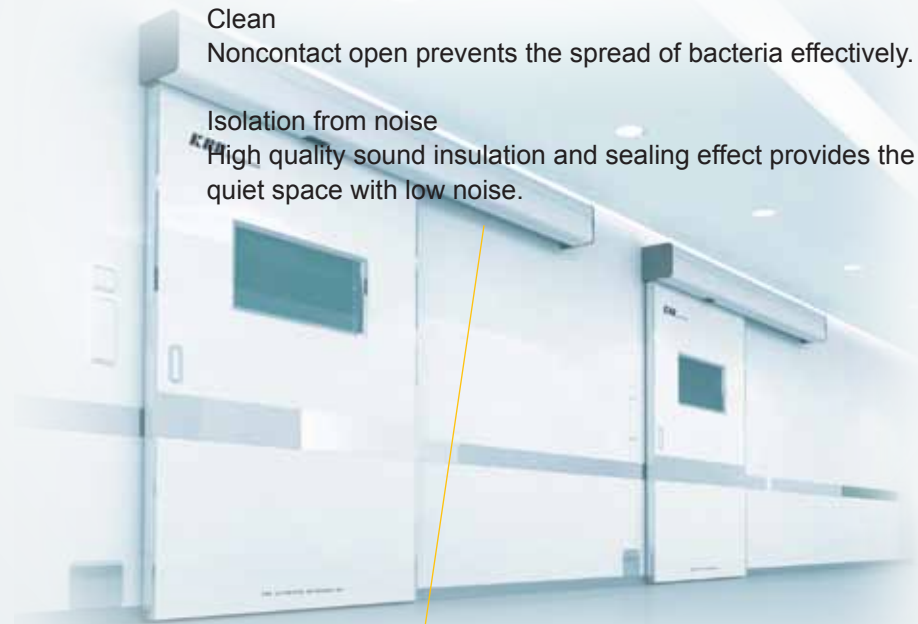
The door is in high pressure polyurethane foaming process, which reduces the weight of the door and improves the sound insulation, thermal insulation and heat preservation effects. Depending on the perfect design such as dustproof, fireproof, pressure difference resistance and anti-radiation, KH1000 attracts wide attention since its release.

Clean

Noncontact open prevents the spread of bacteria effectively.

Isolation from noise

High quality sound insulation and sealing effect provides the quiet space with low noise.



Isolation from the bacteria & noise, Hermetic door expert
Automatic and safety
Free your hands and pure your mood
Keep you clean and elegant

Feature

- Automatic and clean
The noncontact feature of KH1000 makes it the unique entrance solution for some sensitive and special requirements, avoiding the spread of bacteria and germ.
- Air-tight and sound insulated
When the leaf moves to the Close position, KH1000 door can move down 10mm and move inside 5mm simultaneously. In addition, the leaf is filled with polyurethane foaming process and surrounded with silicon seal to combine with the door-frame tightly, realizing excellent sealing and sound insulation effect.



Design for

KH1000 can be customized according to the user's requirements. It is suitable for room that have the requirements on high quality cleanness, tightness and quietness such as Operating room, X-ray room, Institute, Laboratory, Pharmaceutical factory, Music studio, Clean workshop and Food process workshop.

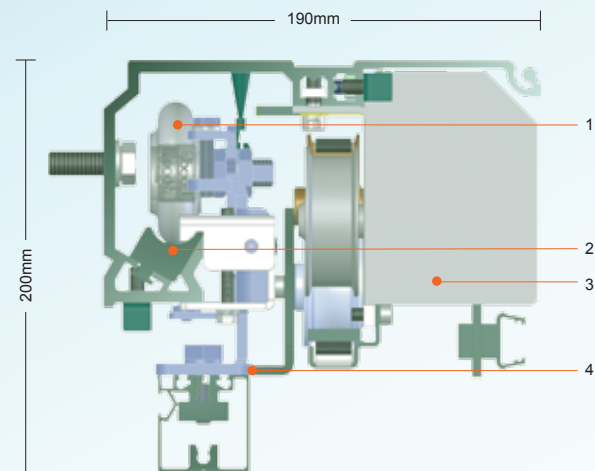
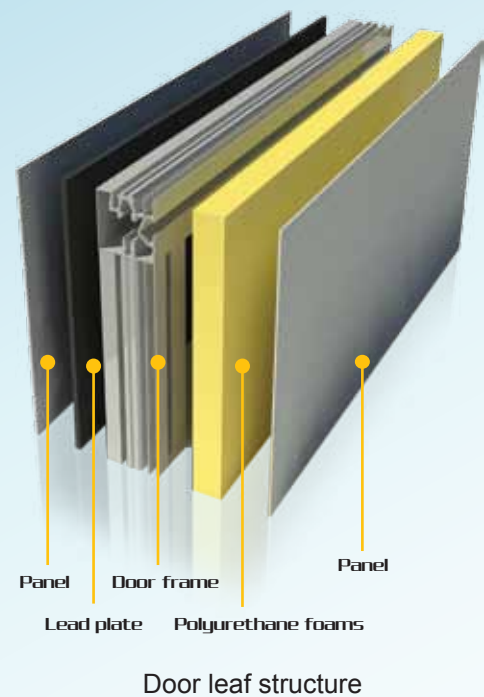
Hangzhou



Hangzhou



Structure



Section figure

- The door body of KH1000 is made of aluminum alloy frame and painting panel. The observing window in the door uses double-layer glass to satisfy the requirement of special application.
- If the customers require that the door should be integrated with anti-radiation function, The lead plates can be added into the foaming layer in the door body and replace the glass of the observing window as radiation resistant glass, making the KH1000 Hermetic door to be able to suitable for radiation resistant room.
- Option: The door frame and panel may also be in stainless steel cladding.

- Reasonable design**
The special V shape concave arc rail and bearing roller design ensures their tangency permanently, makes the door run stably and reduce the noise. The self slide roller material and dustproof design make the maintenance simple and convenient.
- EMG solution**
When power supply fail, the large capacity UPS can ensure 30 minutes normal operation of the door.

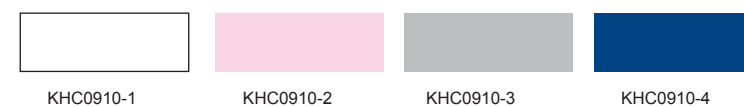
Functions and accessories

- Trigger



- Self test function**
When the automatic door is started, it establishes the self learning process and calculates the optimum open/close speed, acceleration/deceleration time, low speed operation with distance, etc., ensuring the operation always in the optimized state.
In the running process, the leaf reverse immediately when it encounters barrier and then the system has a low operation with speed self test process; if there is no barrier, it runs normally, ensure the safety of pedestrians.
- Operation function**
The control interface uses PSA panel, the special controller of dual cable data communication mode, which can realize function conversion, running parameter adjustment, self diagnosis and display of 17 faults.
Through key switch, available operating states are Half open, Lock, Manual, One way and Automatic. Up to 37 parameters allow you to set the open/close speed, half open width, open time and close time, providing practical functions and simple operations.
- Automatic troubleshoot system**
KH1000 has a automatic troubleshoot system, monitoring the running state of the automatic door. If any part (mainly electric appliance parts) does not work, it will exam automatically: stops operating alarms, and displays the trouble information through PSA panel.

Color Option:



Hangzhou



Specification

Clear width : 600~1500mm
 Clear height : 2100 (Recommended) ~2600mm
 Max. Opening Weight : 120KG
 Power Supply : 220V±10%
 Rated power : 100W (Single Drive unit)
 Ambient Temperature : -15 ~55
 Relative humidity : ≤85%
 Operating Noise : ≤55db

Option

Model Components	Single Parting		Bi-parting
	<120KG/leaf	<60KG/leaf	60~120KG/leaf
Supporting beam	●	●	●
Roller module	●	●	●
Main control unit	●	●	●
Drive unit	●	●	●
Reverse wheel	●	●	●
Belt	●	●	●
Key switch	●	●	●
Foot switch	●	●	●
Double drive unit	—	—	●
Hand switch	○	○	○
IC Card	○	○	○
Finger print switch	○	○	○
Microwave radar	○	○	○
Infrared sensors	○	○	○
UPS backup battery	○	○	○
Safety beam	○	○	○
Operator cover	○	○	○

Note: ● Standard ○ Optional

	Standard Component		Optional	
	Door Surface Material	2mm Aluminum Plate	Stainless Steel	Aluminum Composite Panel
Surface Treatment	RAL Painting	Stainless Steel Color	Aluminum Composite Panel Color	Others
Lead Protection	—	1 lead plate	2 lead plates	4 lead plates
Anti-strike Belt	Yes	—		
Observation Window	Yes	—		

Remarks: Design and specification are subject to change without notice. Products are tailored to meet your requirements.



Hangzhou



Hangzhou

Maintenance

KBB is committed to providing ample and reliable accessories to the suppliers and distributors of its products. KBB provides prompt technical support in order to provide fast and effective after-sales service to customers all around the world.

Protestation

Automatic door and related products are part of professional automation products, and are likely to cause risk of harm, in case of installation, maintenance not conforming to the requirements of manufacturer, as well as relevant equipment function incurring disordered. For this reason, customers and distributors kindly notice:

1. Without permission you are not allowed to modify or change the product structure and foundation circuit.
2. Distributors and agents must hold a training certificate recognized and authorized by the manufacturer. The installation and maintenance should be performed by a qualified and authorized technician of the product.
3. Any use of components not made by the manufacturer, as well as damage caused by the failed installation and maintenance, is not the responsibility of the manufacturer.
4. Related content of this statement and product specification have the equal legitimacy and representation of to the manufacturer.

