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DOORMAXTM
AUTOMATIC

The brand name you can trust

MEDICAL
DOOR
SERIES

Hospital Clean room System solution Experts

Operation room door / Access door / Radiation protection door /
Ward door / Steel door / Manual door / Special doors



Hospital, Clinics, Research rooms and Purification workshops

Automatic door Solutions

DOORMAX Automatic Medical Door Series provides comprehensive solutions for hospital clean door systems. Hospital door control is different from the general building management system, and needs to provide public medical services with specific functions for different areas, which can ensure the unobstructed passage of passages and paths.

Medical Product Features



Clean / Quiet / Function / Recycle / Safety



Operating room
clean, antibacterial,
stain resistant, soundproof



Consulting Room
clean, antibacterial, stain resistance,
chemical resistance, privacy



Ward CCU & ICU
privacy, quiet, noise reduction,
cleanliness, antibacterial



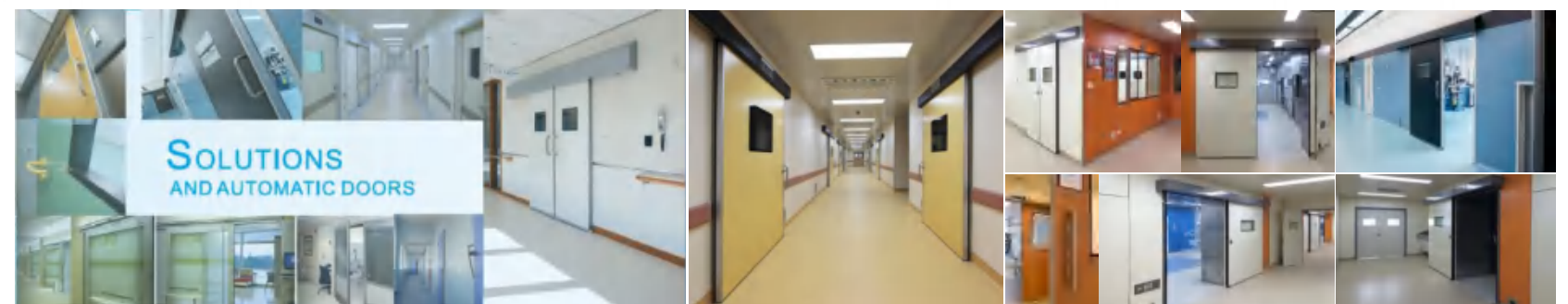
Nurse's Workbench
modern medical environment,
noise reduction, easy to clean & maintain



Office
Simple and practical, easy to clean & maintain,
energy saving



Outpatient hall
Simple and practical, impact resistant, easy to
clean & maintain



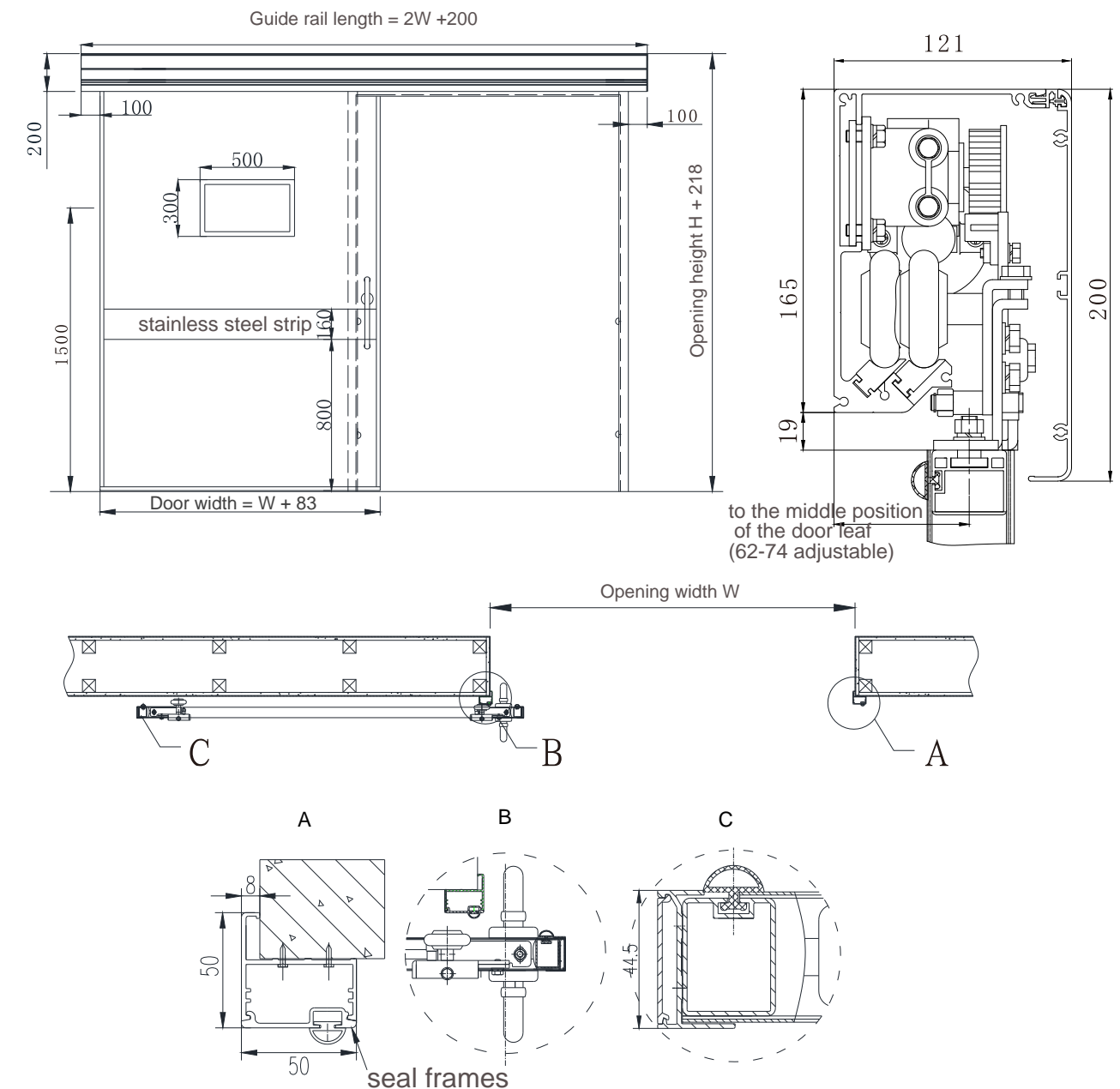


Medical door features

Hermetic sliding door (MQM-165)

On-wall type

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Product Features

- The on-wall type hermetic door is installed directly on the wall surface, it is easy to install quickly.
- Using the unique high-tech, good sealing, prevent cross-contamination, maximize cleanliness and air-tightness which meets the standard requirements of *Automatic Airtight Door Industry Standard JG / T257-2009*.
- Unique handle design makes the manual opening force lower.
- The overall operation is light and peaceful, and the indoor and outdoor sound insulation effect is good.
- Environmental protection and energy saving: The door is sturdy and thick, fast opening and closing, and the air circulation is reduced to a minimum, which can prevent dust from entering the places with clean requirements and maintain constant humidity and temperature.
- Product standard configuration: Double safety beam anti-trapping, it also can be increased to 3 or 4 beams according to customer's requirements.
- The airtight door adopts combined track sealing arrangement, and has an inlet pressure of 8mm and a drop pressure (reduced pressure) of 8mm to ensure that the door body is tightly combined with the door casing in order to achieve the airtight effect.

Specifications

- Door weight: **150kg(max)**
- Clean opening width (wall to wall):
900-1500mm (Single door)
1200-3350mm (Double door)
- Opening speed: **300mm_600mm/s (adjustable)**
- Closing speed: **300mm-600mm/s(adjustable)**
- Hold-open time: **0-9s (adjustable)**
- Door closed force : **>500N**
- Manual open force: **<100N**
- Power consumption: **<150W**
- Airtight rating: **Grade 8**

Medical door features

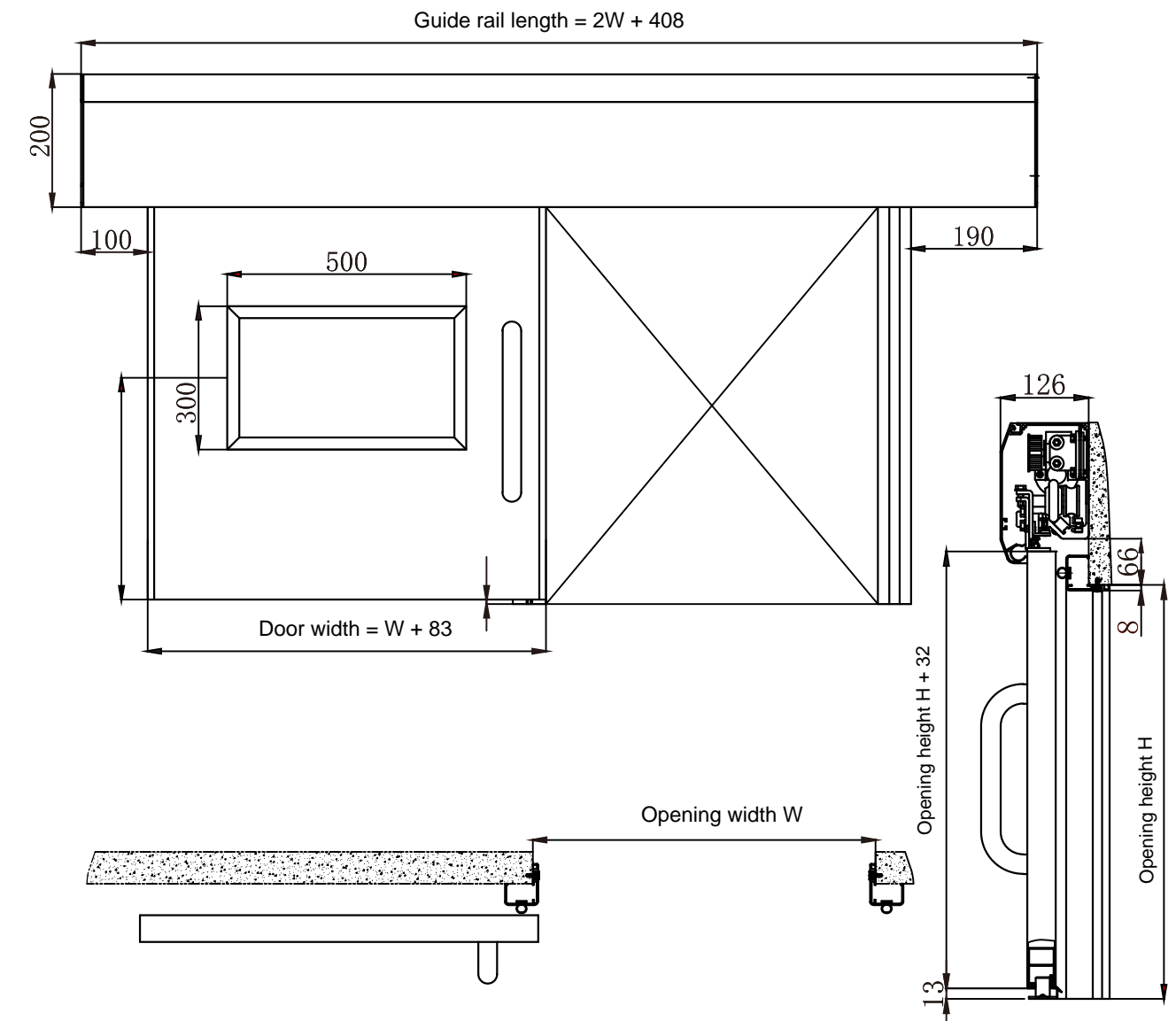
Hermetic sliding door (MQM-165S)

On-wall type

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Product Features

- The on-wall type hermetic door is installed directly on the wall surface, it is easy to install quickly.
- Using the unique high-tech, good sealing, prevent cross-contamination, maximize cleanliness and air-tightness which meets the standard requirements of *Automatic Airtight Door Industry Standard JG / T257-2009*.
- Unique handle design makes the manual opening force lower.
- The overall operation is light and peaceful, and the indoor and outdoor sound insulation effect is good.
- Environmental protection and energy saving: The door is sturdy and thick, fast opening and closing, and the air circulation is reduced to a minimum, which can prevent dust from entering the places with clean requirements and maintain constant humidity and temperature.
- Product standard configuration: Double safety beam anti-trapping, it also can be increased to 3 or 4 beams according to customer's requirements.
- The airtight door adopts combined track sealing arrangement, and has an inlet pressure of 8mm and a drop pressure (reduced pressure) of 8mm to ensure that the door body is tightly combined with the door casing in order to achieve the airtight effect.

Specifications

- Door weight: **150kg(max)**
- Clean opening width (wall to wall):
900-1500mm (Single door)
1200-3350mm (Double door)
- Opening speed: **300mm_600mm/s (adjustable)**
- Closing speed: **300mm-600mm/s(adjustable)**
- Hold-open time: **0-9s (adjustable)**
- Door closed force : **>500N**
- Manual open force: **<100N**
- Power consumption: **<150W**
- Airtight rating: **Grade 8**

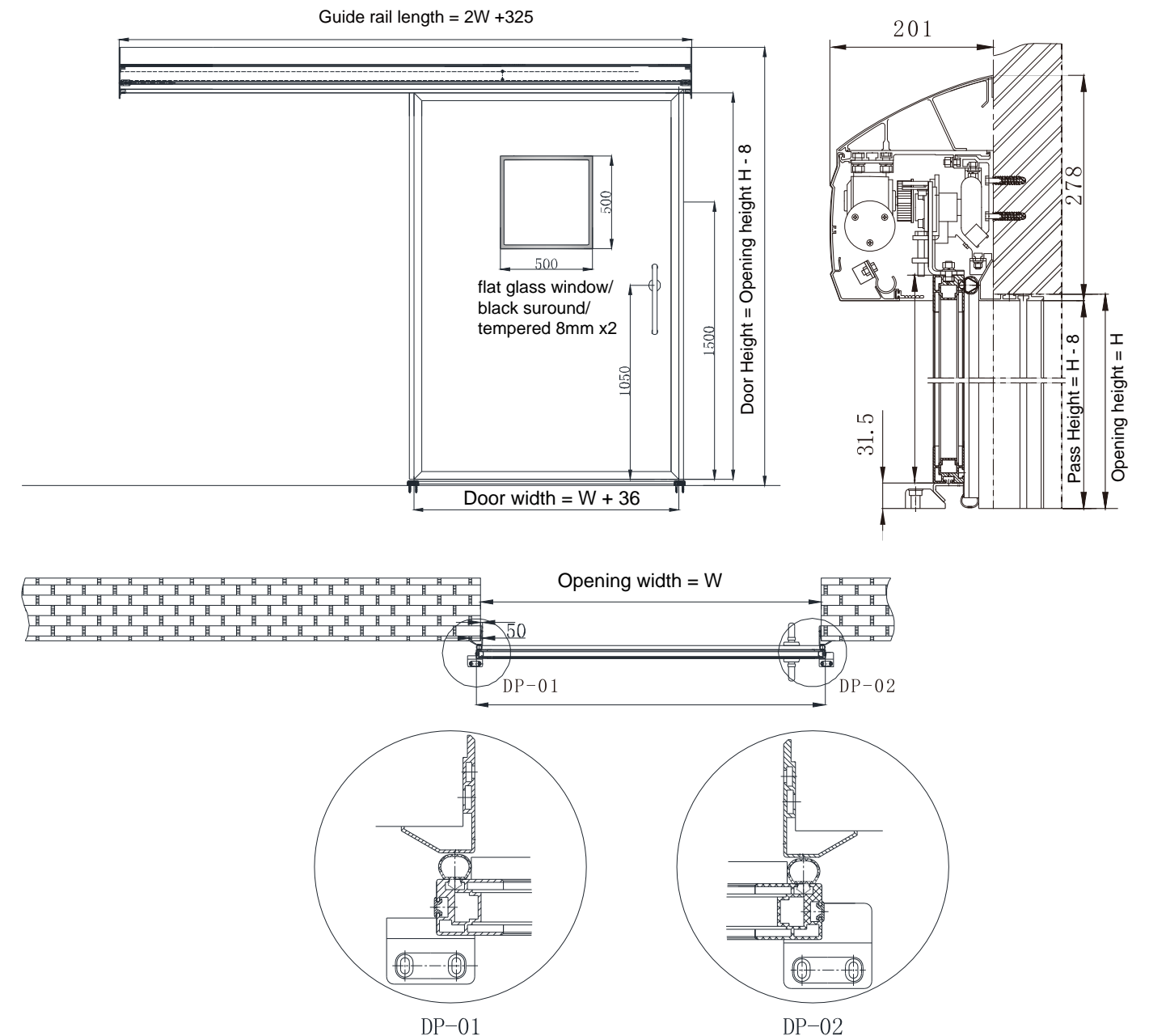


European Medical Airtight Door

Hermetic sliding door/European style (DQM-180)

On-wall type

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Product Features

- Used German original imported DC brush motor has long life, high efficiency, maintenance-free.
- The airtight door is directly hung on the wall surface, which is quick and easy to install.
- Unique air-tight door operating structure and compression technology, air tightness meets the requirements of *Automatic Airtight Door Industry Standard JG / T257-2009*.
- Unique drop method, the drop distance is longer than the general airtight door, so increase the air-tightness.
- The overall operation is light and peaceful, and the indoor and outdoor sound insulation effect is good.
- Environmental protection and energy saving: The door is sturdy and thick, fast opening and closing, the air circulation is reduced to a minimum, it can prevent cold wind and dust from entering the places with clean requirements, and maintain constant humidity and constant temperature.

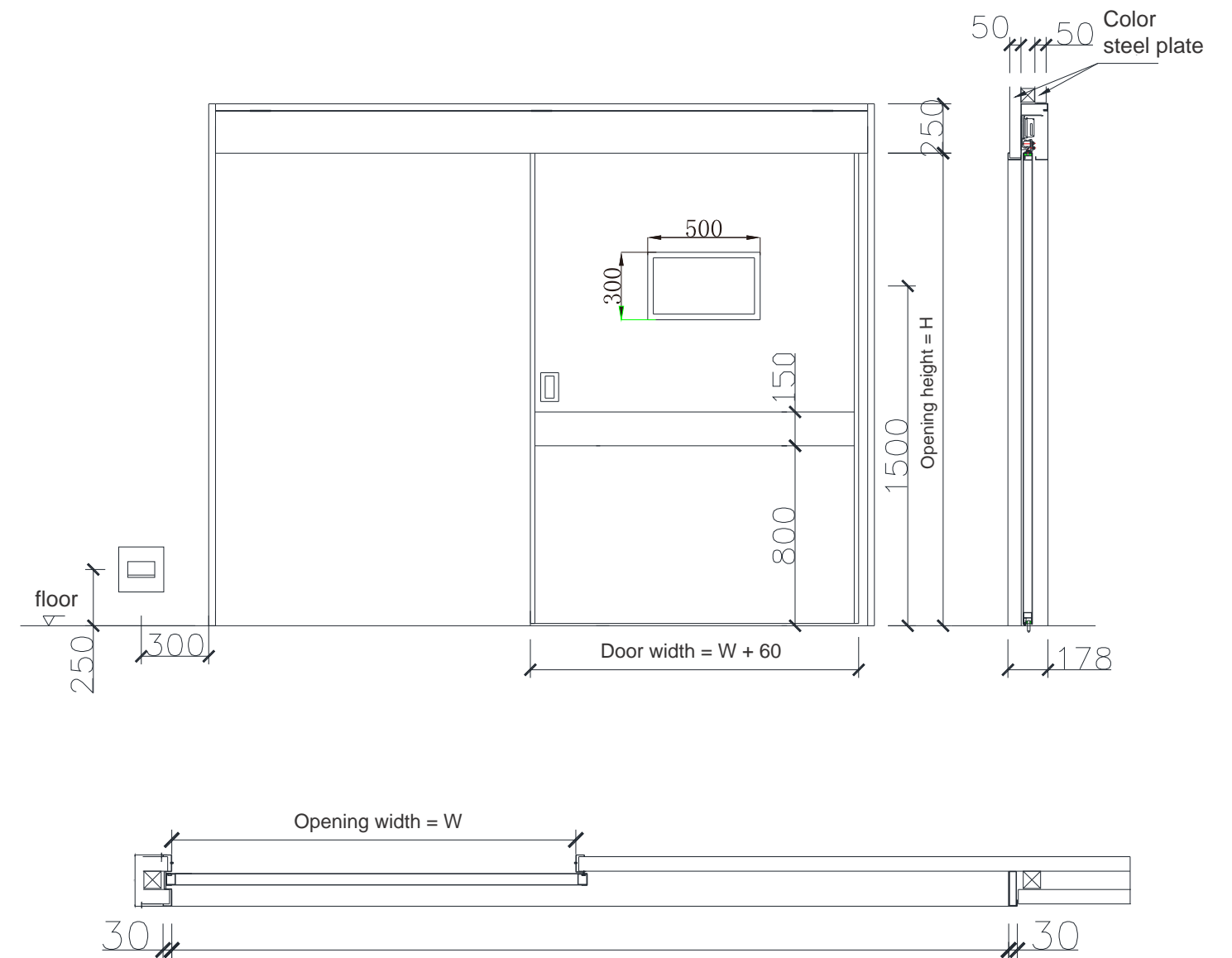
Specifications

- Opening speed: **100mm-500mm / s (adjustable)**
- Closing speed: **100mm-400mm / s (adjustable)**
- Hold-open time: **2 - 20s (adjustable)**
- Door closed force: **> 500N**
- Manual open force: **< 100N**
- Power consumption: **< 150W**
- Airtight rating: **Level 8**

European Quality International Certification

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Medical door features

Hermetic sliding door (DQM-150)

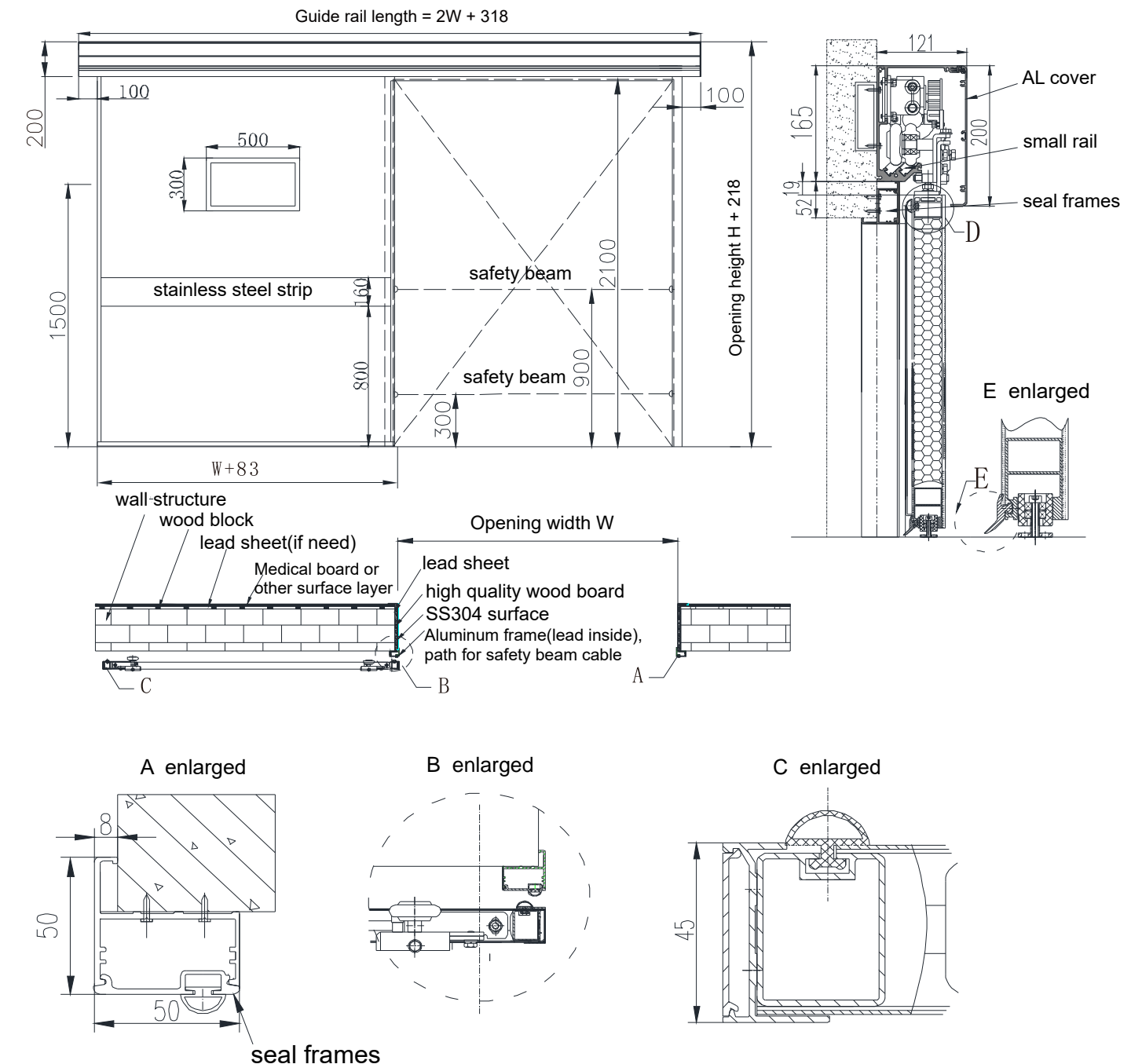
Built-in type

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Specifications

- Width of single door body: **600 ~ 2000mm**
- Installation method: **Built-in fixation**
- Motor: **DC24V 60W / DC brushless**
- Opening speed: **30-60cm / sec (adjustable)**
- Closing speed: **30-60cm / sec (adjustable)**
- Opening time: **0 ~ 9 seconds (adjustable)**
- Manual opening force: **> 30N**
- Temperature condition: **-20 ~ + 50 ° C**
- Supply Voltage: **AC200-240V, 50/60Hz**
- Airtight rating: **Level 8**

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- ▶ The overall operation is light and peaceful, and the indoor and outdoor sound insulation effect is good.
- ▶ Environmental protection and energy saving: The door is sturdy and thick, fast opening and closing, the air circulation is reduced to a minimum, it can prevent cold wind and dust from entering the places with clean requirements, and maintain constant humidity and constant temperature.
- ▶ The lead sheet is added in the door panel, the standard thickness is 2.0 equivalents, but 3.0 and 4.0 equivalents can be added according to customer requirements too. The lead sheet can effectively block the radiation to go outdoor, prevent damage to other people and reduce interference.

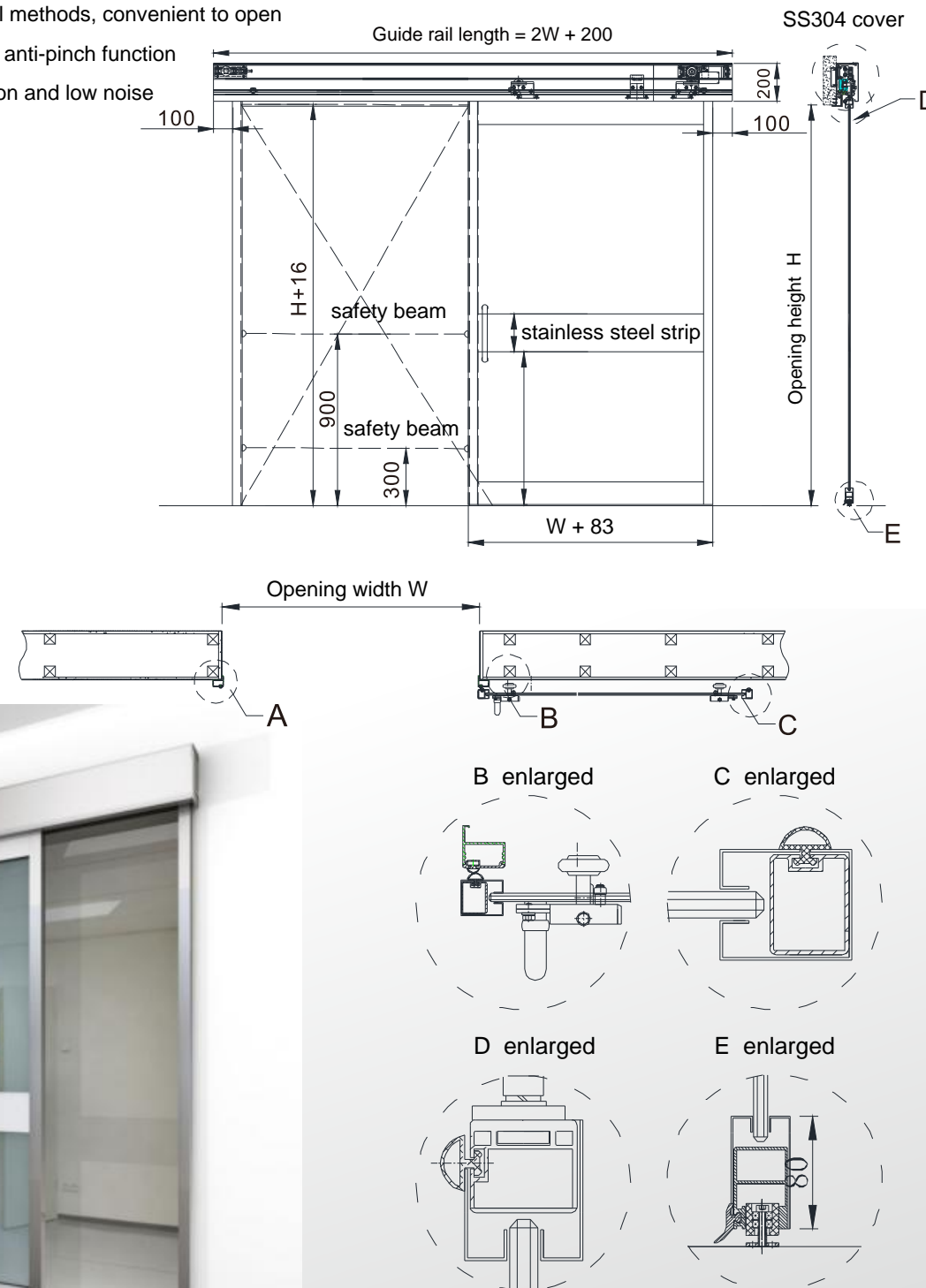
- ▶ Opening speed: **100mm-500mm / s (adjustable)**
- ▶ Closing speed: **100mm-400mm / s (adjustable)**
- ▶ Hold-open time: **2-20s (adjustable)**
- ▶ Door closed force: **> 500N**
- ▶ Manual open force: **<100N**
- ▶ Power consumption: **<150W**
- ▶ Airtight rating: **Level 8**

Glass airtight door

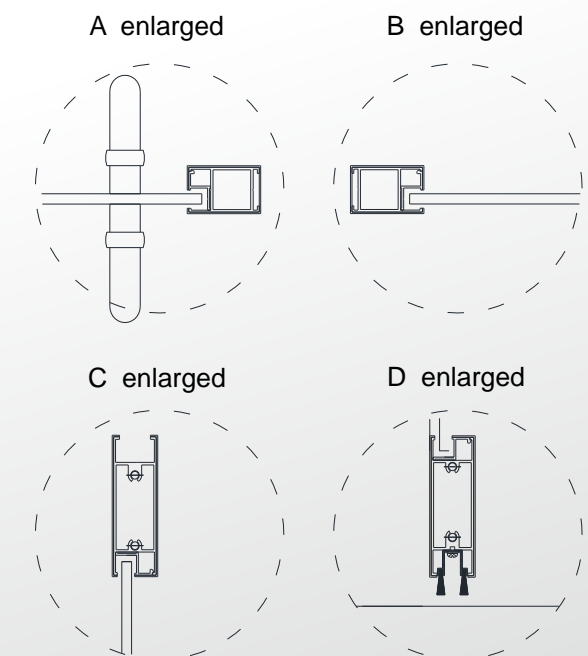
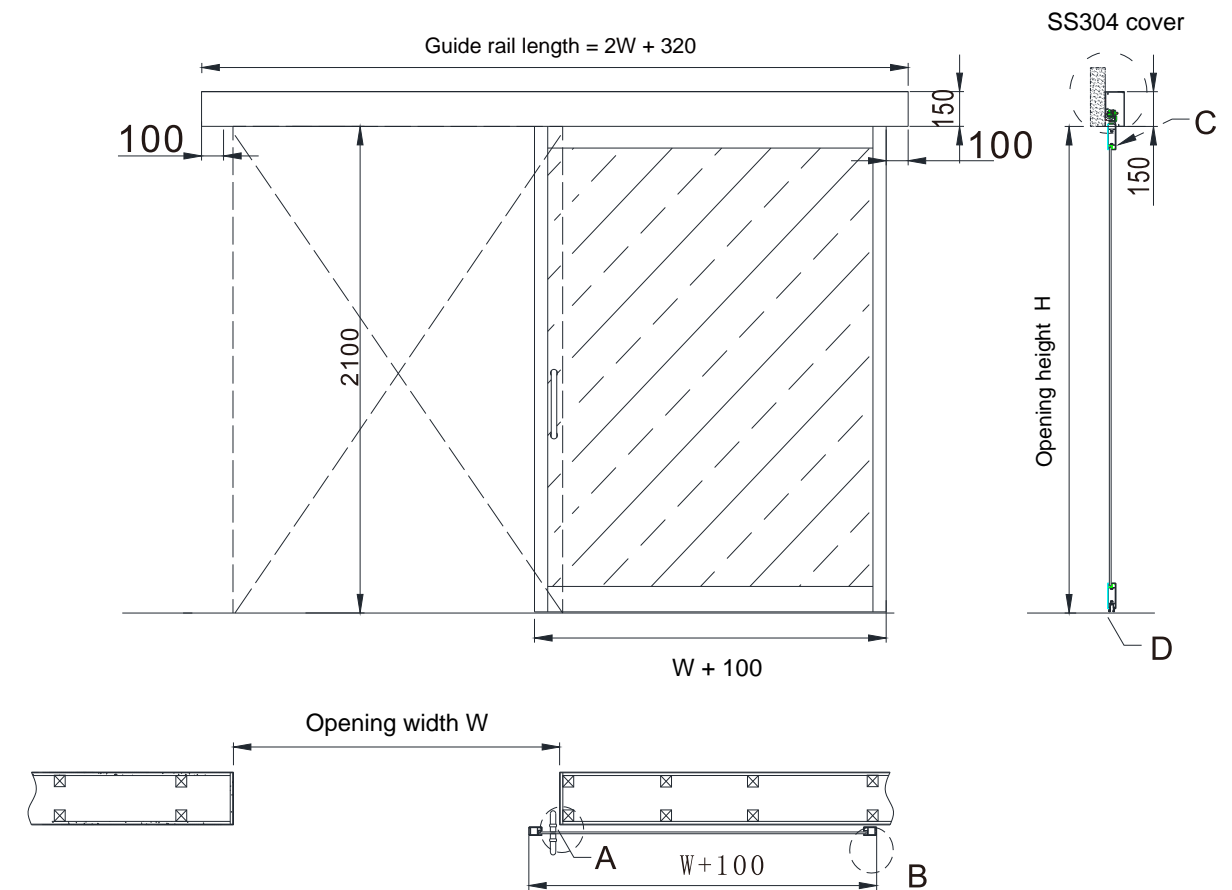
Clear hermetic glass sliding door (DQB-165)

On-wall type/Built-in type

- ◆ This door is suitable for ICU with certain requirements on cleanliness, sanitation and air-tightness
- ◆ Energy saving and heat preservation, strong air-tightness, pressure and impact resistances
- ◆ Various control methods, convenient to open
- ◆ Safety sensor, anti-pinch function
- ◆ Stable operation and low noise



Semi-auto glass sliding door (DBM-150)



Medical swing door

Hermetic automatic swing door (DSW-100)

On-wall type

- ◆ This door is suitable for operating room and clinic with certain requirements on cleanliness, sanitation and air-tightness
- ◆ Energy saving and heat preservation, strong air-tightness, pressure and impact resistances
- ◆ Various control methods, convenient to open
- ◆ Stable operation and low noise

Technical Parameters:

Door form: Single door

Door weight: $\leq 1 \times 100\text{kg}$

Door width: 660 ~ 1200mm

Power supply voltage: AC 220V $\pm 10\%$, 50 / 60Hz

Power consumption: 50W

Opening speed: 250 ~ 450mm / S (adjustable)

Closing speed: 250 ~ 450mm / S (adjustable)

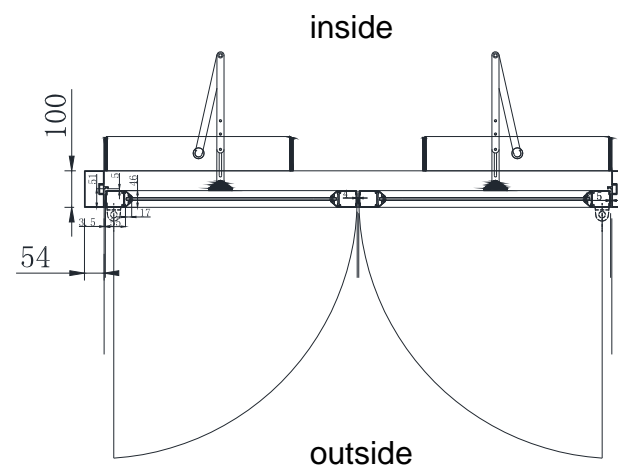
Opening time: 3 ~ 7S (adjustable)

Open door hold time: 1 ~ 30S (adjustable)

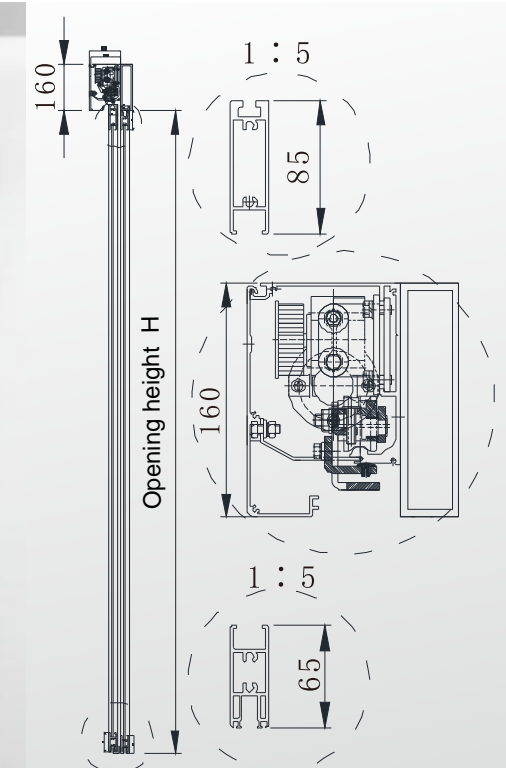
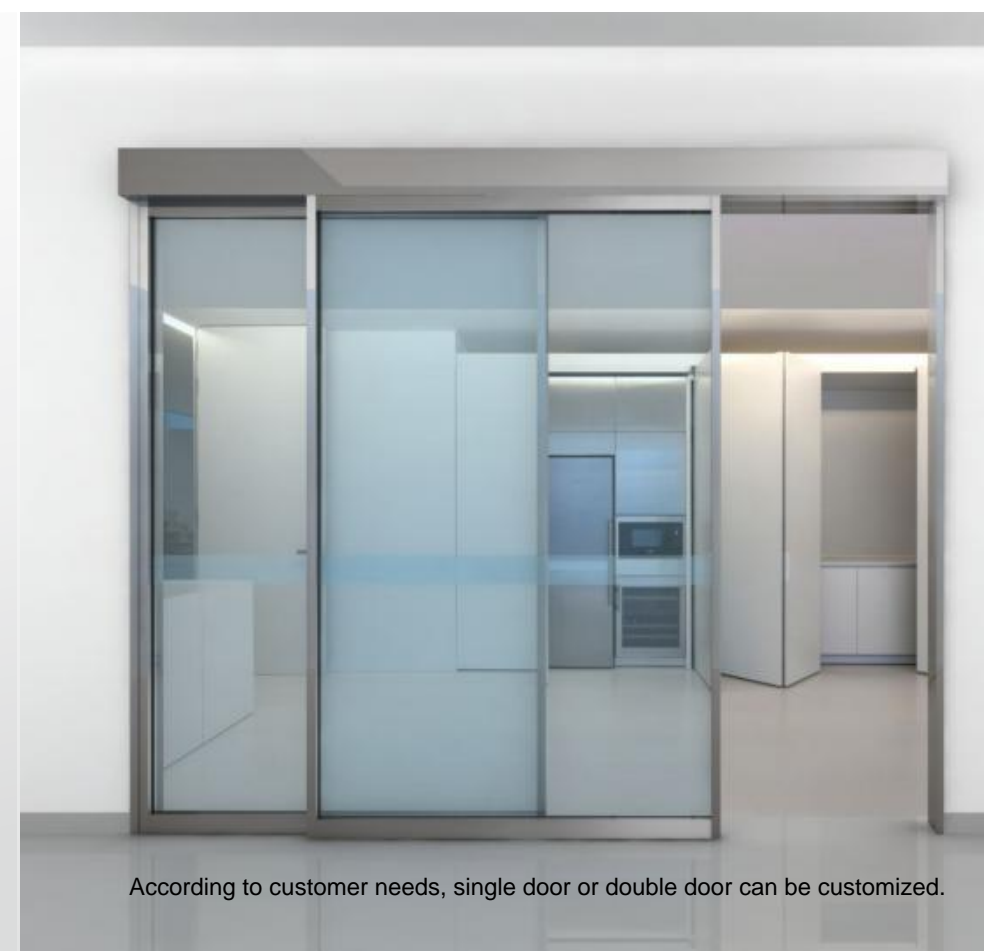
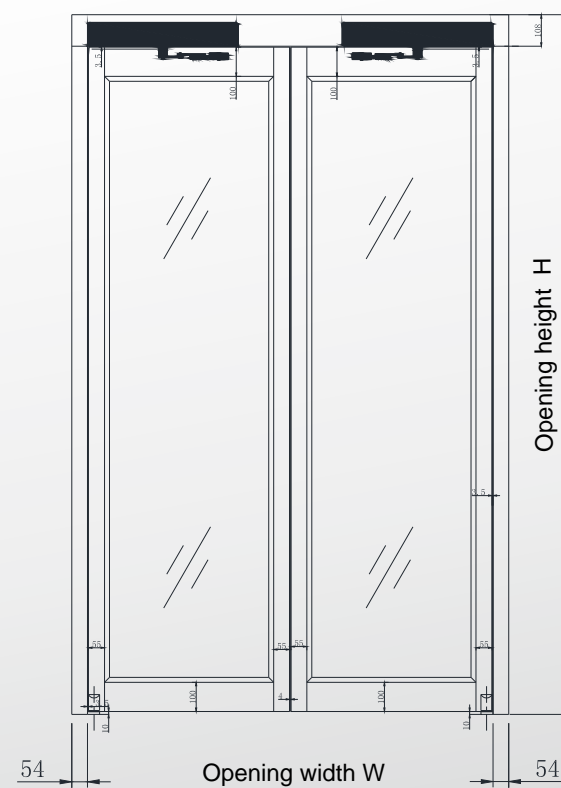
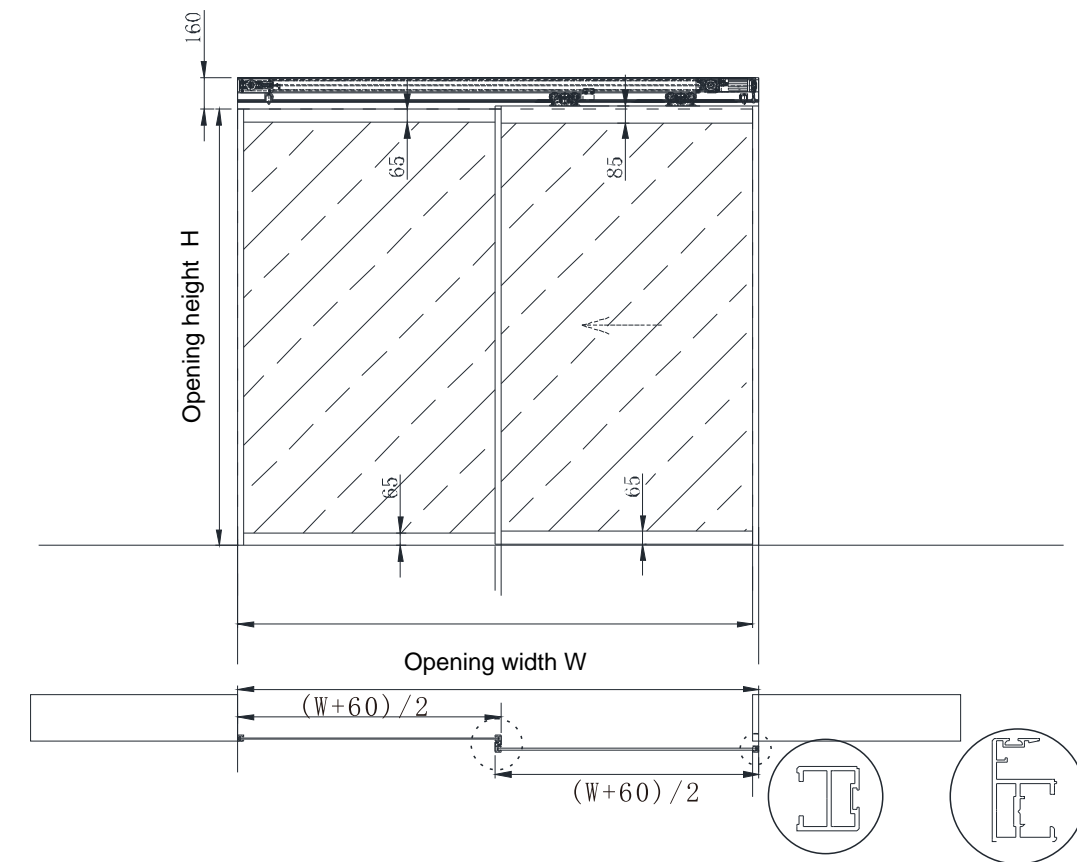
Manual opening/closing force: $< 30\text{N}$

Running noise: $\leq 55\text{Db}$

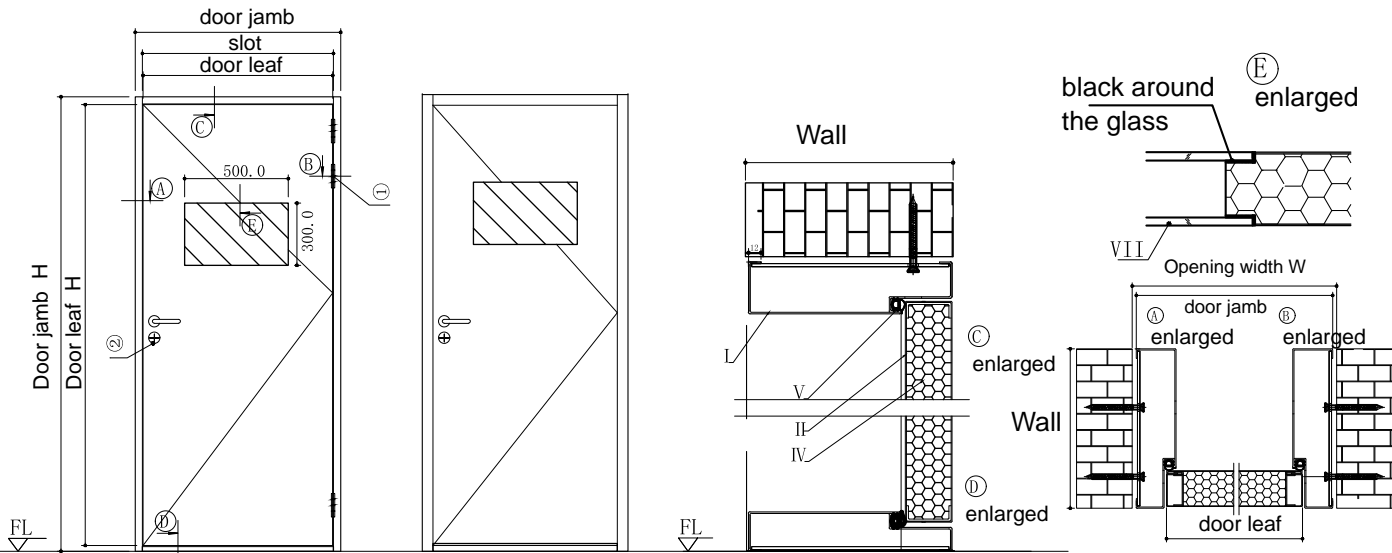
Ambient temperature: $-20\text{ }^{\circ}\text{C} \sim +50\text{ }^{\circ}\text{C}$



Framed glass sliding door (Passageway/Dressing room)



According to customer needs, single door or double door can be customized.



Medical steel door

Steel single door

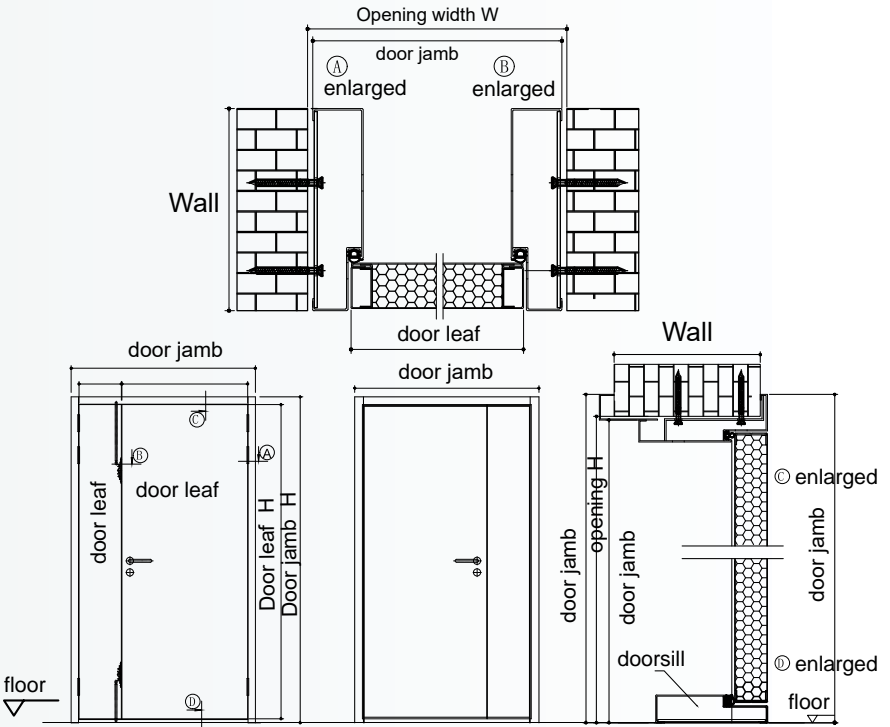
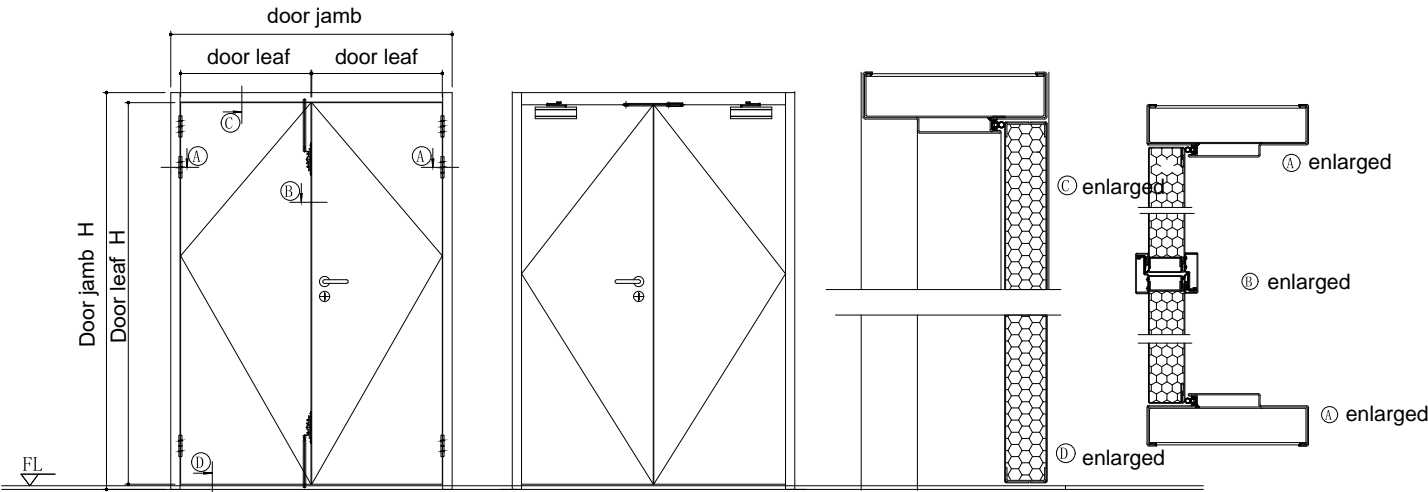
- ◆ It has the characteristics of long life, waterproof, anti-impact, antibacterial, sound insulation, anti-static, fire resistance, etc.
- ◆ This series product technology is widely used in ward doors, examination rooms, doctor's offices and other access channels
- ◆ Different-size windows can be set according to the functional needs of different doors in the hospital
- ◆ Decorative surface can be electrostatic powder coating or stainless steel sheet, a variety of colors for your choice
- ◆ There are many choices of high-quality hardware such as hinges, door locks, door closers, etc. to meet different needs



Specifications

- Door type: Single door, Unequal double door, Double door
- Door size: Width ≥ 500mm and Height ≥ 1900mm
- Door leaf thickness: 40-60mm
- Door jamb thickness: 100-300mm
- Door leaf material: 0.8 galvanized steel plate / 0.8 wood grain steel plate / 0.8 stainless steel plate
- Door jamb material: 1.5 galvanized steel plate / 1.5 wood grain steel plate / 1.2 stainless steel plate
- Surface treatment: electrostatic powder spraying or oil painting
- Door leaf filler: high-strength aluminum honeycomb or high-strength honeycomb paper

- Bright view window: embedded double tempered glasses/ aluminum framed single tempered glass
- Lock: stainless steel split handle lock
- Hinge: stainless steel butterfly hinge or stainless steel split hinge
- Concealed bolt: Unequal double door, equal double door come standard with stainless steel concealed bolt.
- Door leaf surface: Anti-collision belt and anti-kicking belt can be fixed alternatively.
- Door closer: alternative external door closer or hidden door closer
- The door frame is stainless steel installed by welding or aluminum frames connected with bolts and screws .
- The material can be galvanized steel plate, wood grain steel plate, stainless steel plate, etc.



Medical steel door

Steel Double Active Door

- ◆ It has the characteristics of long life, waterproof, anti-impact, antibacterial, sound insulation, anti-static, fire resistance, etc.
- ◆ This series product technology is widely used in ward doors, examination rooms, doctor's offices and other access channels
- ◆ Different-size windows can be set according to the functional needs of different doors in the hospital
- ◆ Decorative surface can be electrostatic powder coating or stainless steel sheet, a variety of colors for your choice
- ◆ There are many choices of high-quality hardware such as hinges, door locks, door closers, etc. to meet different needs

Specifications

- Door type: Single door, Unequal double door, Double door
- Door size: Width $\geq 500\text{mm}$ and Height $\geq 1900\text{mm}$
- Door leaf thickness: 40-60mm
- Door jamb thickness: 100-300mm
- Door leaf material: 0.8 galvanized steel plate / 0.8 wood grain steel plate / 0.8 stainless steel plate
- Door jamb material: 1.5 galvanized steel plate / 1.5 wood grain steel plate / 1.2 stainless steel plate
- Surface treatment: electrostatic powder spraying or oil painting
- Door leaf filler: high-strength aluminum honeycomb or high-strength honeycomb paper
- Bright view window: embedded double tempered glasses/ aluminum framed single tempered glass
- Lock: stainless steel split handle lock
- Hinge: stainless steel butterfly hinge or stainless steel split hinge
- Concealed bolt: Unequal double door, equal double door come standard with stainless steel concealed bolt.
- Door leaf surface: Anti-collision belt and anti-kicking belt can be fixed alternatively.
- Door closer: alternative external door closer or hidden door closer
- The door frame is stainless steel installed by welding or aluminum frames connected with bolts and screws .
- The material can be galvanized steel plate, wood grain steel plate, stainless steel plate, etc.

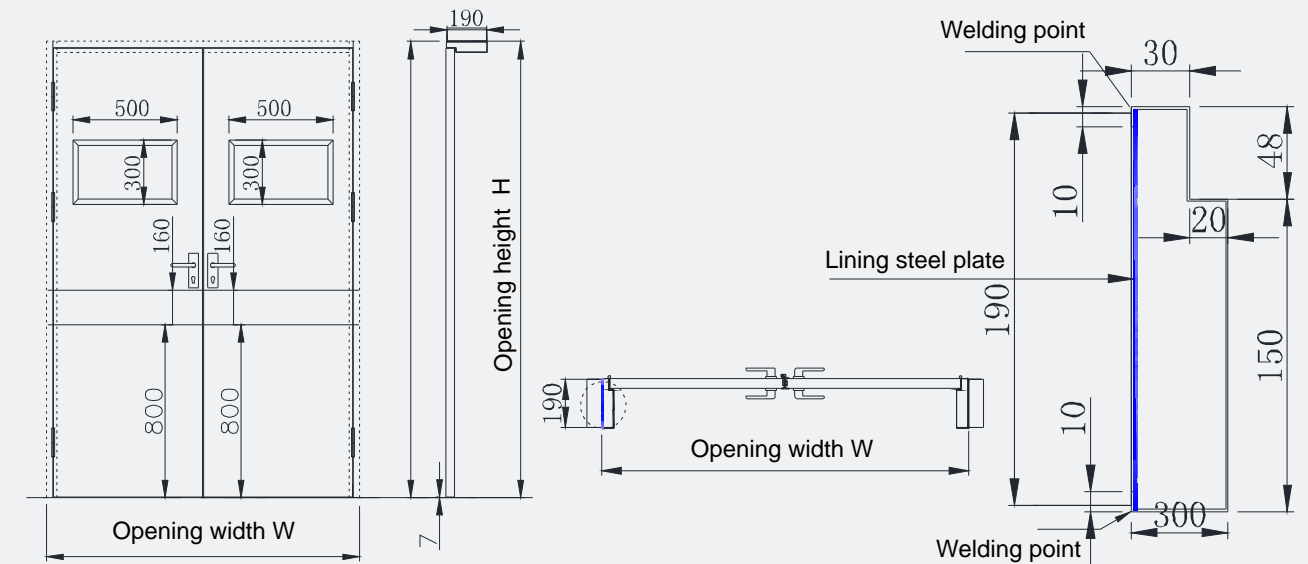


Manual swing door

Manual swing door (SS304)

- Special door for hospital operating room/clean environment
- Door jamb is stainless steel, door body is stainless steel around, view window is flat double glass (flush with door body) or aluminum framed glass(frames on door face)
- Door body: Aluminum sheet sprayed powder coating, steel plate sprayed powder coating, stainless steel(SS304)sheet natural color or with powder coating
- Sealing rubber strip is concealed under the door body, which meets the airtight requirements.

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Specifications

- ▶ Door dimension: width $\geq 700\text{mm}$
- ▶ Door body thickness: 45mm-50mm
- ▶ Door body material: aluminum sheet / steel sheet / stainless steel sheet
- ▶ Surface treatment: electrostatic powder spraying, dust-free painting or wood grain imitation treatment
- ▶ Glass window: transparent non-slip glass, steel frames
- ▶ Bolt: SS304 stainless steel
- ▶ Hinge: SS304 stainless steel
- ▶ Door stopper: SS304 stainless steel

Note: According to customer's requirements, the door body can be single leaf or double leaves, the door body size provides customized services.

- ▶ Door type: single opening, unequal opening, double opening
- ▶ Door jamb thickness: made according to customer's wall
- ▶ Door jamb material: high quality resin sheet/steel sheet spray painting
- ▶ Internal filling: paper honeycomb, aluminum honeycomb, polyurethane foam
- ▶ Hardware accessories: high quality hardware accessories
- ▶ Handle: stainless steel handle
- ▶ Concealed bolt: for SS304 unequal double door and equal double door

European Quality International Certification

Manual swing door



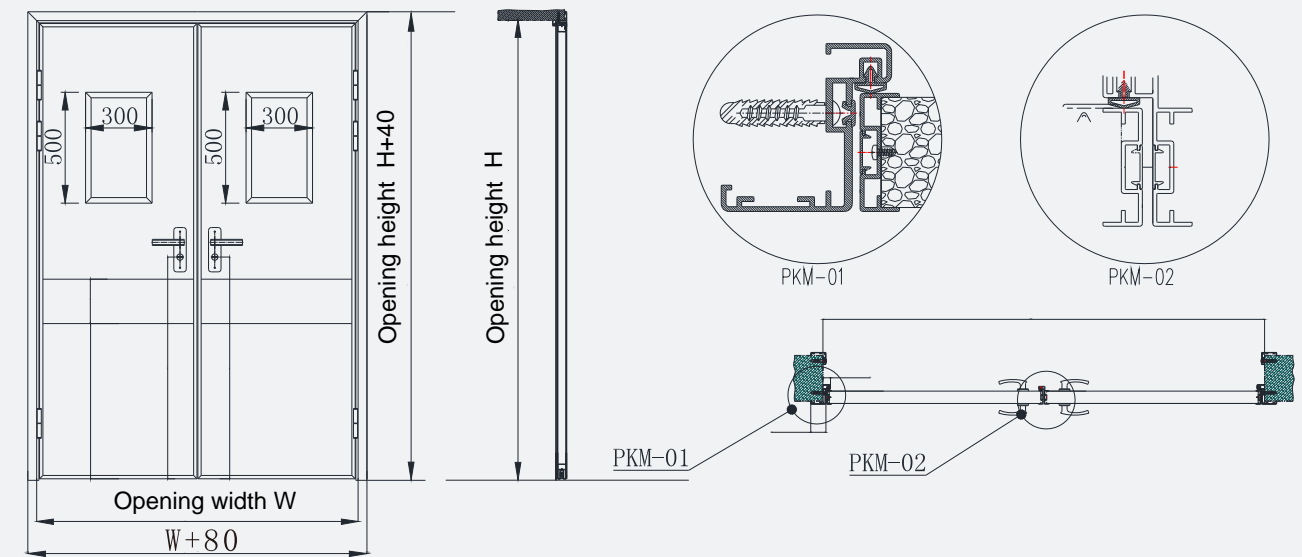
Manual swing door (Aluminum)

- Special door for hospital operating room/clean environment, aluminum door body is lighter than SS304
- Door jamb is aluminum, door body is aluminum around, view window is flat double glass (flush with door body) or aluminum framed glass (frames on door face)
- Door body: Aluminum sheet sprayed powder coating, steel plate sprayed powder coating, stainless steel (SS304) sheet natural color or with powder coating
- Indoor use aluminum profile for sealing combined with airtight door body
- Sealing rubber strip is concealed under the door body, which meets the airtight requirements

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Specifications

- ▶ Door dimension: width $\geq 700\text{mm}$
- ▶ Door body thickness: 45mm-50mm
- ▶ Door body material: aluminum sheet / steel sheet / stainless steel sheet
- ▶ Surface treatment: electrostatic powder spraying, dust-free painting or wood grain imitation treatment
- ▶ Glass window: transparent non-slip glass, steel frames
- ▶ Bolt: SS304 stainless steel
- ▶ Hinge: SS304 stainless steel
- ▶ Door stopper: SS304 stainless steel

Note: According to customer's requirements, the door body can be single leaf or double leaves, the door body size provides customized services.

- ▶ Door type: single opening, unequal opening, double opening
- ▶ Door jamb thickness: made according to customer's wall
- ▶ Door jamb material: high quality resin sheet/steel sheet spray painting
- ▶ Internal filling: paper honeycomb, aluminum honeycomb, polyurethane foam
- ▶ Hardware accessories: high quality hardware accessories
- ▶ Handle: stainless steel handle
- ▶ Concealed bolt: for SS304 unequal double door and equal double door



Metal wall

DOORMAX Automatic metal wall has the characteristics of light weight, low construction load, convenient installation, detachable and reusable, energy saving and environmental protection, and cost saving. At the same time, it is strong, shock-resistant, flame-retardant, heat-insulating, sound-insulating and other superior space performance.

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Product Features

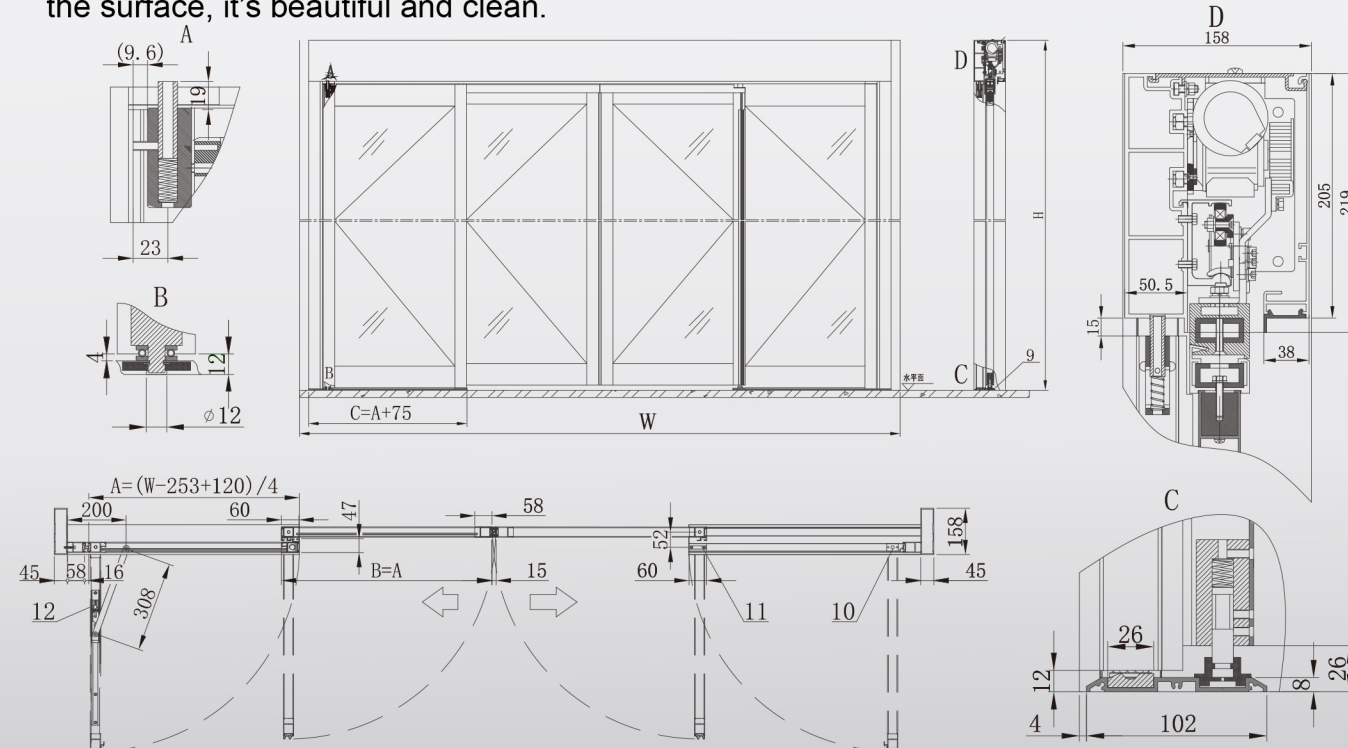
- ▶ The weight of the wall is light and the building load is small, which effectively save the building area.
- ▶ Removable and reusable, easy for users to repair, rebuild and save costs.
- ▶ Sturdy, shock-resistant, flame-retardant, heat-insulating and sound-insulating meet the requirements of modern architectural decoration.
- ▶ There is a specified gap between the metal wall and the building wall for piping and wiring.
- ▶ A variety of colors to meet the requirements of various places such as protective spraying, antibacterial spraying, wood grain finishes, etc..
- ▶ Easy installation, the place can be put into use after decoration completed, no pollution, no waste, environmental protection and energy saving.

Specifications

- ▶ Surface material: 0.7mm galvanized steel sheet
- ▶ Backing material: 12 mm gypsum board, corrugated board
- ▶ Standard thickness: 13mm
- ▶ Maximum size: 1200X2950mm
- ▶ Anti-collision performance: Comply with GB/214155-2008
- ▶ Fire rating: Class A
- ▶ Installation cost: lower

Entrance door Automatic panic door

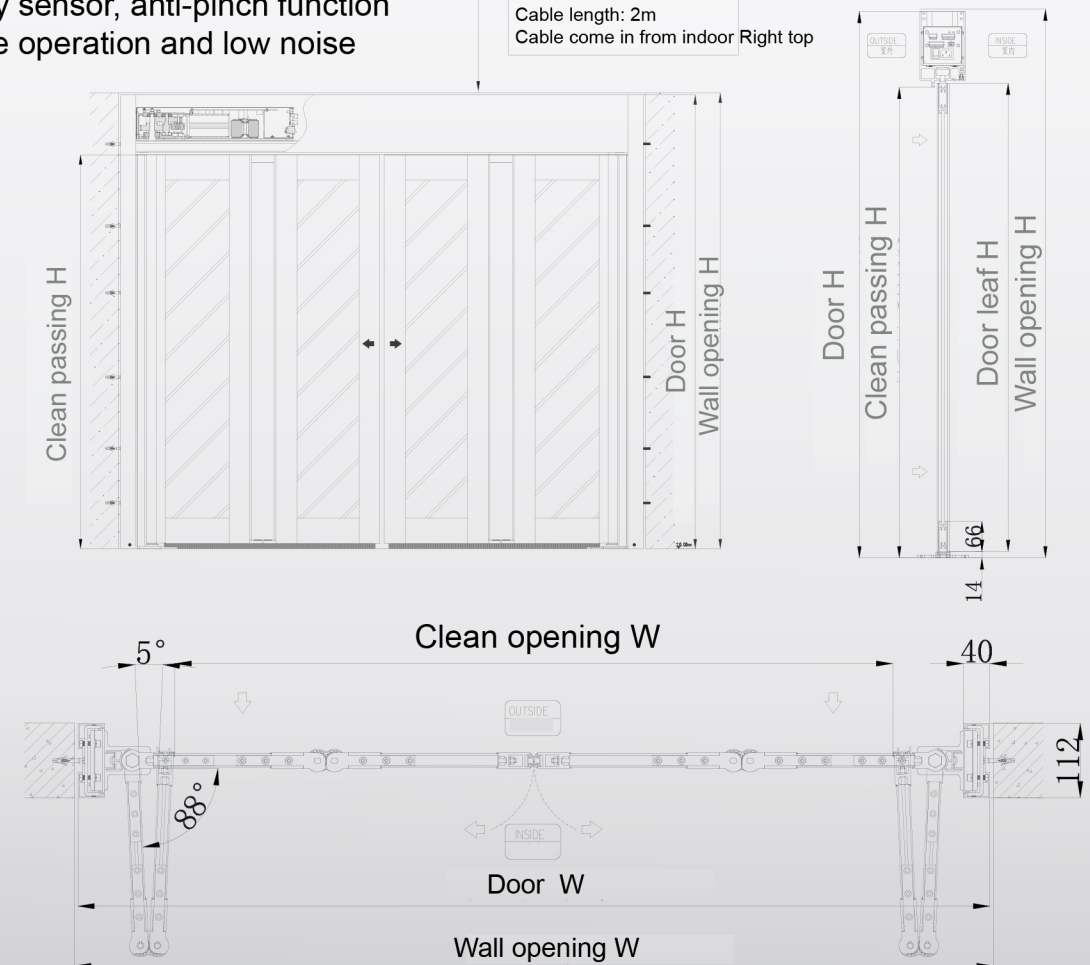
- When the automatic panic door is usually used (less pedestrian flow), it can be controlled by a sensor, that is, when a pedestrian approaches the automatic door, the door opens automatically and closes automatically after passing. The temperature difference between indoor and outdoor can be controlled to achieve the purpose of energy saving.
- The automatic panic door can be controlled by the five-range function switch to keep the door open when the flow of people is large to ensure all people passing.
- In the event of an emergency and when personnel evacuation is required, the automatic panic door can be fully pushed open from indoor to outdoor by hand for safety.
- The automatic panic door is a complete set of profile structure with fluorocarbon paint on the surface, it's beautiful and clean.



Automatic panic door

- The product is suitable for ICU with certain requirements on cleanliness, sanitation and air-tightness
- Energy-saving insulation, strong air-tightness, pressure resistance and impact resistance
- Multiple control methods, easy to open
- Safety sensor, anti-pinch function
- Stable operation and low noise

Power supply: AC 220V
Power cable: 3-wire 1.5
Cable length: 2m
Cable come in from indoor Right top





Hospital Door Handle
European design
Door panel thickness:40~60mm



Hospital Door Handle
Door panel thickness:40~60mm



Microwave Sensor
Model: EAGLE 6
120×80×50mm, 220g



Infra-red Sensor
Model: M-235
220x74x36mm



Safety Beam (double)
230g



Foot Inductive Switch
Model: DL36
188x175x53mm



Hand Inductive Switch
Model: M-201
113×63×20mm, 70g



Code Card Reader
Model: DM-12
113X38X12mm



Touch Type Exit Button
Model: DL52
86x86x7mm



Infrared Hand Sensor
Model: DL56
86x86x7mm



Wireless Touch Switch
Model: DL30
131X34X13mm
98X47X30mm



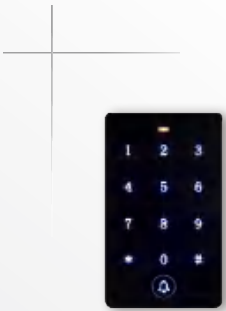
Operation light



Hospital Door Handle
(outside of the room)

Auto-door accessories

DOORMAX Automatic implements a strict procurement supervision process for auto-door accessories to ensure the safety and quality of our product applications.



Panel material: ABS box
Panel thickness: 12mm , very thin



DL56

Panel material:
high-tech vacuum plating alloy
Panel thickness:
2.0 anti-fingerprint tempered glass



DL36

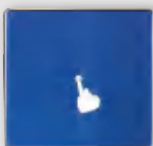
Panel material: SS304
Dimension:
188x175x53mm



European design
handle



Single handle
440 / 660mm



DL52

Panel material:
high-tech vacuum plating alloy
Panel thickness:
2.0 anti-fingerprint tempered glass





UST Hospital Manila



Pasig City Children's Hospital



Presidential Security Station Group Malacanang



University of Cebu Medical Center



Philippine Heart Center



Door material:

Aluminum sheet/
Stainless steel/
Glass tempered

Door Material / Color chart

There are dozens of colors for customers to choose from Doormax Automatic color book, also we can customize colors according to customers' requirements.

			
DP-01 Medium Blue	DP-02 Light Blue	DP-03 Medium Green	DP-04 Light Green
			
DP-05 Cream	DP-06 Milky White	DP-07 Pink	DP-08 Youthful White
			
DP-09 Blue Gray Matt	DP-10 Blue Matt	DP-11 Group Blue	DP-12 Matt White

Above are the most popular colors, more colors can be provided accordingly.



Door Types
and
Designs

