



METAXDOOR HM30/HRM
Hermetic Sliding Door



Revolving Doors



Sliding Doors



Swing Doors



You Dream, We Build



Hygiene has vital importance for hospitals and surgeries. HM30/HRM is an air and water-tight automated system manufactured by **METAXDOOR**. Thanks to their modular structure; the doors are easily adapted according to customers' demand and the physical situation of the working space.

HM30/HRM prevents bacteria reproduction and gives the opportunity of special production possibilities according to every single project with its off-the-charts styles. The doors are manufactured in a single piece without any joints, additions, hinges or extensions and they are also stainless.

Viewing windows are in existence on both side and automation propulsion system is on self-cleaning rails ensuring long terms of use. They are lead-coated for the applications of places using X-ray imaging, radioscopy, tomography, MR etc.



METAXDOOR HM30/HRM hermetic sliding door is the best choice for places requiring hygiene thanks to its air and water tightness features.



Wood-Coated Doors

Box profiles produced from stainless-steel interior construction material are coated with 10mm or thicker wooden material from both inside and outside of the profiles. Aluminum frames combined with wood-coated doors provide an aesthetic appearance for the entrances.

Solid Body and Stainless-Steel Handle

METAXDOOR HM30/HRM hermetic doors consist of wooden or steel construction in order to provide maximum hygiene. It provides water and air tightness with special door EPDM gaskets.

It also provides easy usage by supporting the motion with stainless-steel handle.

Extra Clear Glass

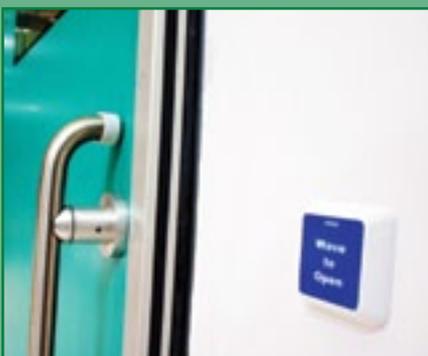
Extra clear glasses are manufactured with a special cladding. With this cladding, the surface of the glass gains the specifications of photocatalysis and hydrophilic.

With the help of this process, the glass can clean itself with sunlight and rain.

Hitting-Protection Sensor

This is a safety device installed upon the fixed wings in METAXDOOR automatic sliding door systems. When it detects an object or a person through the opening way of the door, it gives an alarm or a buzzer.

It enables a comfortable passage by providing extra safety for places with high pedestrian traffic.





Hygienic Spaces

Hygiene is the key to remain healthy. Keeping the environment clean, is the basic necessity in hygienic places.

DC Motor

METAXDOOR automatic sliding door systems operate in harmony with German origin brush motors.

Motors, which directs the motion of the leaves perfectly, come forward with their power, durability and quality as much as their silence and performance. They are presented to users as standard parts in METAXDOOR automatic sliding door systems.

Touchless Sensor

This is an electronic device which provides an easy use to open the door without the need of touching with hands.

It also provides the necessary hygiene for METAXDOOR HRM30/HRM series door.

By adjusting the short and long distance settings, it also provides a practical and hygienic use of the door.

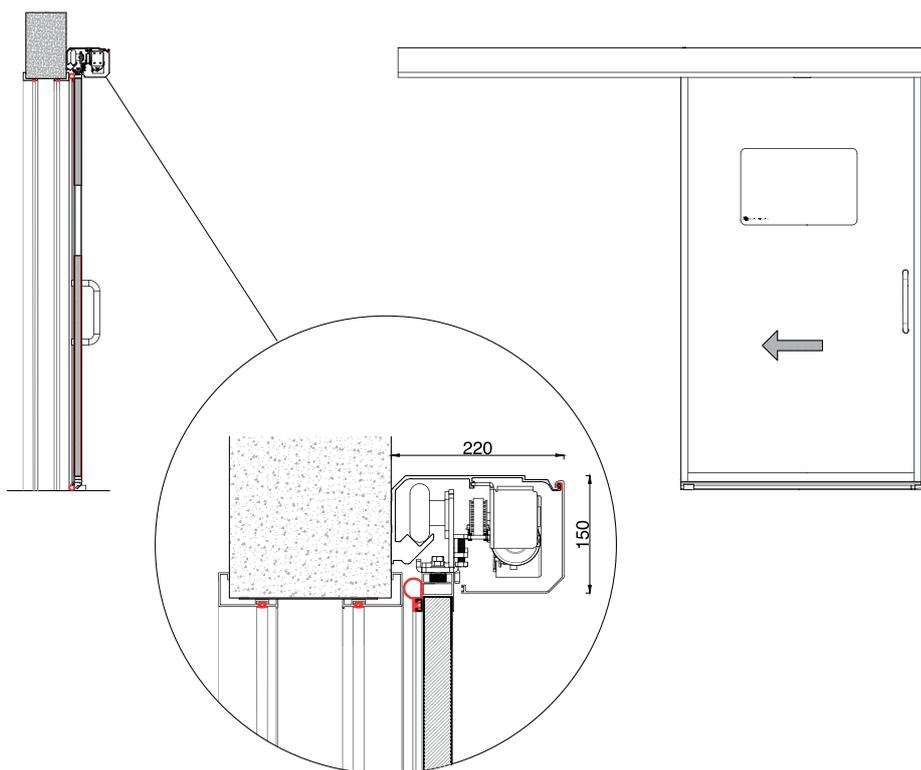


Password Panel and Card Reader

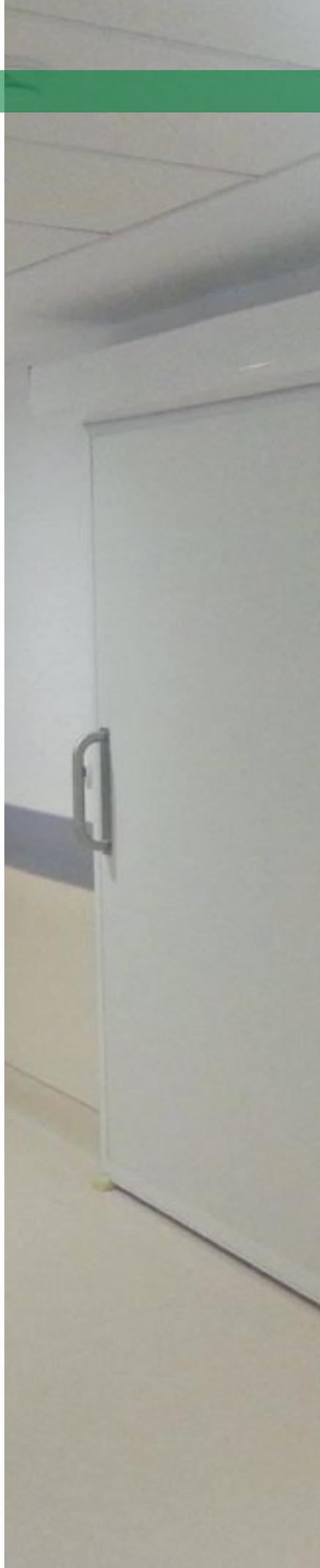
It presents a smooth passage control with radars, password panels, card readers, touchless sensors, elbow buttons, fingerprint readers, remote controls and other activation systems.

Technical Specifications		
Processor	COMBO v3.0	
Motor	36 V DC	
Max Absorbed Power	140	
Power Supply Voltage	230 V - (+6%-10%) 50Hz	
Operating Ambient temperature	-20 °C - +55 °C	
Pulley System	3 Wheel Pulley	
	Single Leaf	Double Leaf
Max. Leaf Weight (kg)	200 kg	2 x 120 kg
Passage Opening	0-3000	0-3000
Stand-by Power Without Accessories	3	3
Use Frequency	100%	100%
Length (mm)	From 1500 to 6100	From 1700 to 6100
Max. Framed Leaf Thickness	30 mm	30 mm
Max. Accessories Load	1A, 24 V	1A, 24 V
Time/Date Backup Battery	Lithium CR2032 3V	Lithium CR2032 3V
Motion Backup Battery	NiMh 24V 1800mAh	NiMh 24V 1800mAh
Traction	By toothed belt	By toothed belt
Opening/Closing Speed Adjustment (empty) [cm/s]	10...75	20...150
Partial Opening Adjustment	5%...95% of total opening	5%...95% of total opening
Pause Time Adjustment [s]	0...30	0...30
Anticrushing Safety Device	in opening/closing	in opening/closing
Protection Sensors Monitoring [EN 16005:2012]	can be bypassed	can be bypassed
Automation Protection Rating	IP 23 (internal use)	IP 23 (internal use)
Mechanical Specifications		
Stainless Steel Cladding	Optional	
Electronic Lock	Optional	
Protection Sensor	Optional	
UPS	Optional	

*Please contact us for special designs according to your projects.



Hardware Specifications



CORE KIT

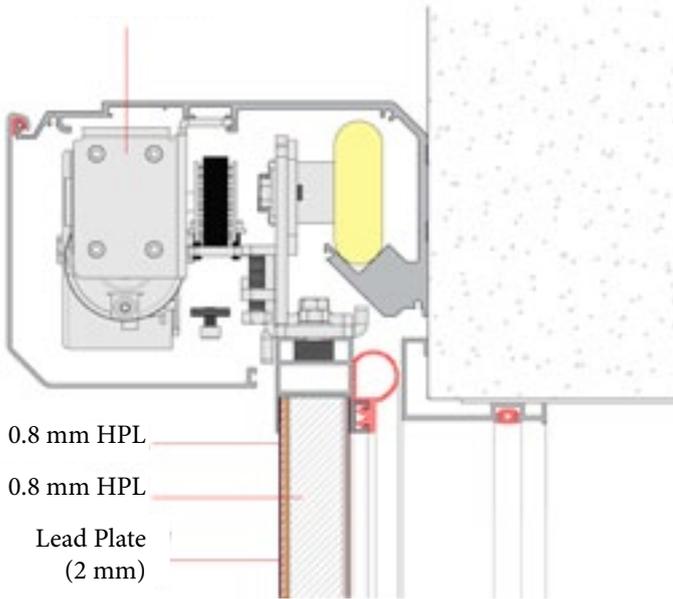
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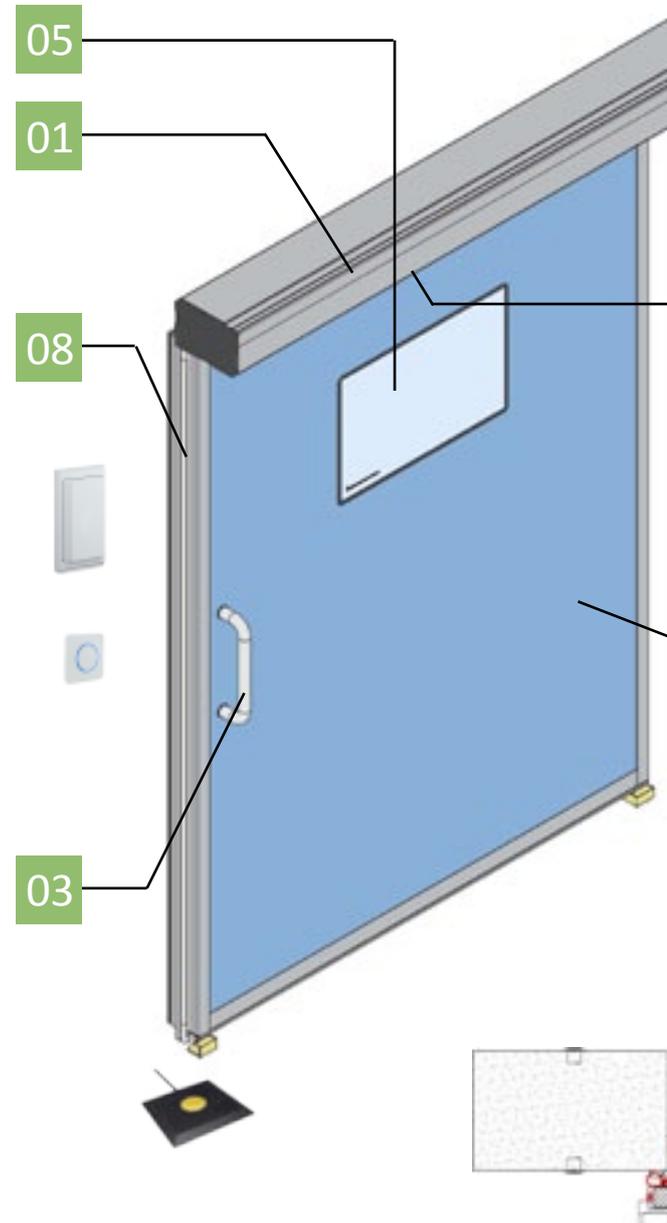
Including, Combo2 Operator, Brushed DC Motor, SMPS.

Application	1-Leaf	2-Leaf
Clear passage width	800 - 2000 mm	1000 - 3000 mm
Clear passage height	max. 3000 mm	
Operator height	120 mm	
Door leaf weight	max. 200 kg / Flügel	
Supply voltage	230 V AC, 50 Hz	

Mechanism



LOCKING SYSTEMS



MOTION DETECTORS

08



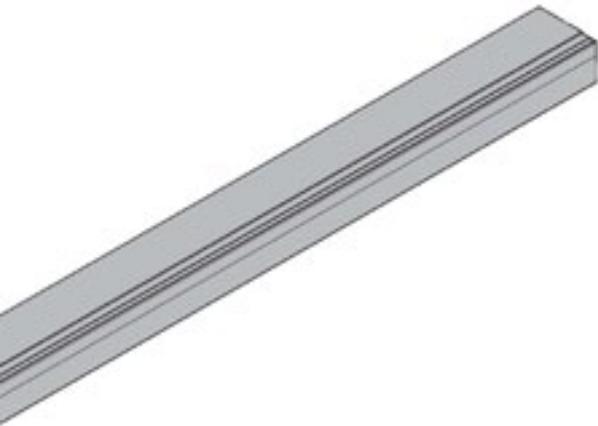
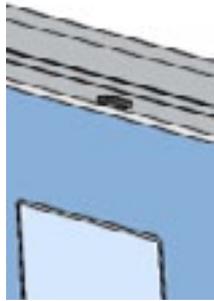
Antibacterial Roving

Antibacterial door profiles are steady and everlasting, alongside being preventer against micro-organismal hosts. Antibacterial roving is used in hospitals, clinics and medical facilities to lower the heat and sound permeability, offer more comfortable and peaceful living/working spaces.

03

MOTION DETECTORS

04



04



MOTION DETECTORS

05



Window

It is the window which is applied onto the top of the door body and consists of a glass construction in METAXDOOR HM30 HRM-C series.

The glasses can be customised in different sizes and produced as anti-bacterial to support the structure of the door. It also enables to observe inside the room without opening the door.

PROGRAM SELECTOR

06



6 Operating Modes,
IP rating IP4X



Programming Terminal

METAXDOOR COMBO SWITCH

07



Non-Contact Switch



Foot contact Switch



Elbow Switch





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