

Healthcare sliding doors

ASSA ABLOY SL Hygienic Metaficient



Experience a safer
and more open world



In the event of heavy traffic from beds and wheelchairs, doors can be an annoying obstacle. Fortunately, the ASSA ABLOY SL Hygienic Metaficient proves there is also a safe, hygienic, and easy option.

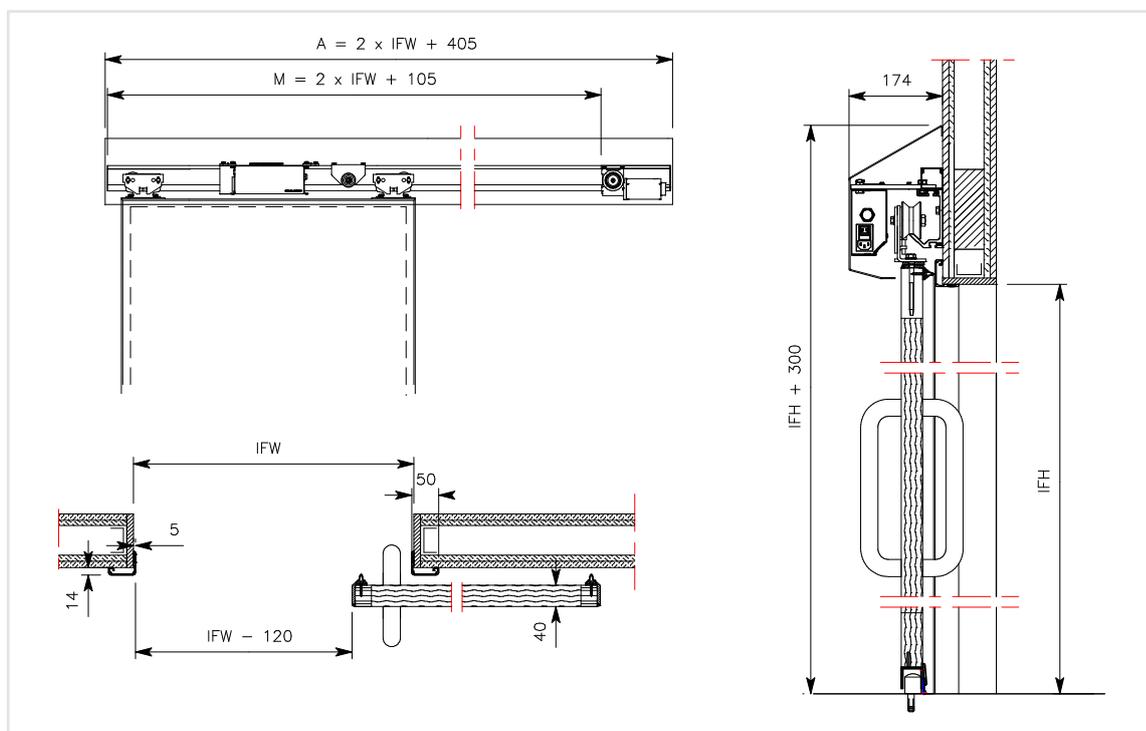
The Metaficient is a hygienic sliding door that has been specially designed for the aforementioned situations. The door saves user space and increases safety. After all, it does not rotate, but instead opens to the side. Thanks to its seamless design and sloping cap, the Metaficient does not attract dust and is easy to clean.

The ASSA ABLOY SL Hygienic Metaficient is ideal for environments that require ease of use, safety, and hygiene (such as bed rooms, storage rooms, and waiting rooms).

Product overview

-  Automated or manual sliding door
-  Hygienic flush finish
-  Noise reducing up to 32 dB
-  CE marked

A =	Automatic
M =	Manually
IFW =	Inside frame width
IFH =	Inside frame height



Automation (optional)

- Available with powerful and reliable automation.
- Automation consisting of a motor, drive and controller is concealed under the cover. The opening and closing time is variably adjustable up to 0.8 m/s. Equipped with obstacle protection in the reveal opening. The system complies with machine guidelines and is compatible with EN16005 safety regulations. Comes standard with human passage and lock function with up to three other doors.
- Various options for operation and protection available.

Certificates

- When equipped with automation: CE marked according to Machinery Directive 2006/42/EC, Low Voltage Directive 2014/35/EC, EMC Directive 2014/30/EC.
- Noise-reducing up to $R_w = 32$ dB (door leaf value) and $R_w'p = 28$ dB (practice value), according to ISO10140-1:2021 and ISO 717-1:2020.

Dimensions

- Inside frame width: 800 to 2,000 mm
- Inside frame height: 2,100 to 2,700 mm
- Door leaf thickness: 40

Technical specifications

Door leaf: The door leaf has a thickness of 40 mm, has a wood-fibre core with an MDF barrier layer on both sides, and is finished with high-pressure laminate. The aluminium border has rounded corners and is flush with the door leaf.

Seal: All around, the door leaf is finished with a high quality and easily replaceable EPDM sealing profile. When closed, the rubber is pressed against the frame and floor.

Rail: Low-noise aluminium rail construction with indentation, type MF5. The placement of the nylon wheels on the rails prevents the adherence of dirt and wear.

Options

- Two-wing version
- Various options for operation and protection
- Various window and blind options
- Medical grounding: potential equalisation or insulated
- Imagine foil

Options for operation

Manual



D-shaped handle
Stainless steel handle for light weighted doors.



Bowshaped grip
Stainless steel grip handle that allows the door to fully open.

Automatic



MS1 contactless switch
Non-contact motion sensor based on radar technology.



MS2 Contactless Switch
Non-contact motion sensor with LED operation.



ES1 Elbow Switch
Nylon switch for opening automatic doors.



ES2 Elbow Switch
Nylon switch with stainless steel front for opening automatic doors.



VS2 Foot Switch
Stainless steel foot switch for opening automatic doors.

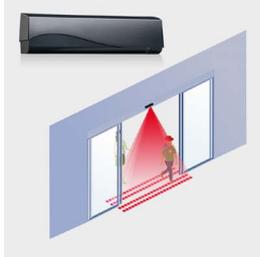


VS3 Foot Switch
Motion sensor for non-contact opening of automatic doors.

Operation

- Equipped with a stainless-steel D-shaped handle on both sides.

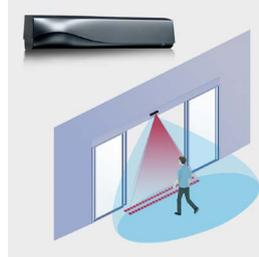
Options for security & windows
Detection sensors



Security Sensor (infrared)
The security sensor uses the 3-dimensional infrared curtain to protect against contact with the doors.



Opening sensor (radar)
Opening sensor for automatic doors. Useful when the switch must not be touched for reasons of hygiene or comfort.



Presence sensor (infrared + radar)
This sensor combines radar technology for the activation of the door with infrared technology for security. nless steel inner-outer opener with lever principle.

Window blindings



Vertical blinds
Changes the glass from transparent to darkened by means of blinds that are incorporated into the glass. Available in white, light grey or grey.



Cellular shades
Creates privacy by means of double pleated curtain in the glass that can be closed (electrically).



Smart Glass
A switchable glass panel that can change from matte to transparent and vice versa at the push of a button.



Laser resistant curtain/ glass
Protect people from harmful laser beams by means of a built-in laser-resistant curtain or laser-resistant glass.



Options windows

400 x 400 mm
300 x 600 mm
600 x 600 mm

Other dimensions available on request

Maximum glass size
IFW-400 (inside frame width)
IFH-450 (inside frame height)

Slat blinds, manual or electric

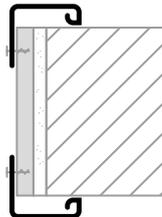
Smart Glass

Laser resistant glass/screens

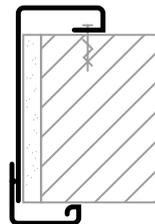
Options frames



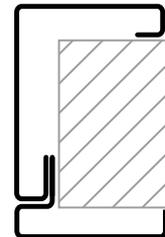
Assembly frame
Clear anodised aluminium assembly frame on one side.



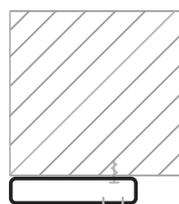
Malmö
Comprehensive system frame, consisting of double-sided clear anodised aluminium assembly frame with HPL reveal finish in the colour of the door leaf.



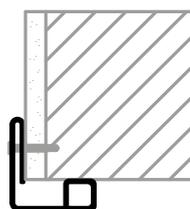
Halmstad
Comprehensive system frame, consisting of one-sided clear anodised aluminium assembly frame and a brushed stainless steel reveal finish.



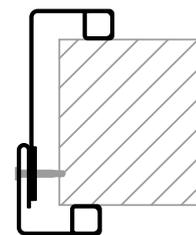
Oslo
Wrap-around frame in brushed stainless steel.



Oslo MK
One-sided frame in brushed stainless steel.

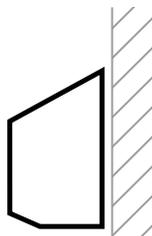


Assembly frame Inox
One-sided assembly frame in brushed or powdercoated stainless steel.

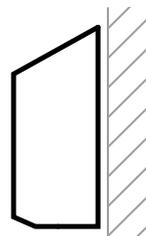


Helsinki
Comprehensive system frame, consisting of one-sided assembly frame and a reveal finish in brushed or powdercoated stainless steel.

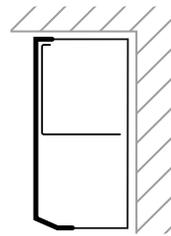
Options canopies



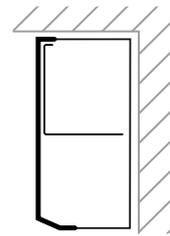
Canopy Low
Sloping, removable aluminium cover in RAL 9006 or 9010, with plastic end caps on both sides, or completely in stainless steel. Suitable for rear engine.



Canopy High
Sloping, removable aluminium cover in RAL 9006 or 9010, with plastic end caps on both sides, or completely in stainless steel. Suitable for top motor.



Canopy Ceiling
Removable aluminium cover in RAL 9006 or 9010, with plastic end caps on both sides, or completely in stainless steel. Suitable for top or rear engine.



Canopy Cove
Removable aluminium cover in RAL 9006 or 9010, with plastic end caps on both sides, or completely in stainless steel. Suitable for top or rear engine.

Canopy

- Detachable canopy type Low, High, Ceiling, or Cove. Made from aluminium RAL 9006 or 9010, with a plastic end caps on either side or completely made of stainless steel.



Find out more on the ASSA ABLOY SL Hygienic Metaficient product page!



This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!