Brisa-M
Automatic Door System

About Brisa-M automatic door system

The linear motor application is the most efficient way to drive the door with horizontal movement.

We use this technology to simplify the traditional automatic door components and reduce the track size for the modern interior door use.

Unlike traditional motor driver systems use gears, belts, pulleys and the other mechanisms which could generate noise and require a lot of maintenance cost when these components are worn or loosed.

The Brisa-M uses the interaction of the magnetic field to move the door panel by magnetic attraction and repulsion without touching it.
This is an ideal solution for interior sliding door with a very low operating noise and saves maintenance cost dramatically.

Features

- Unique track design to allow the system can be wall mounted and transom fixed.
- Small and compact design with the track size is only 70mm X 74mm
- Low operation noise (<50dB)
- Minimal maintenance
- Low power consumption
- Easy and quick to install and uninstall

Applications

1. Residential area
2. Office partitions
3. VIP rooms
4. Hospitals
5. Hotels
6. Restaurants
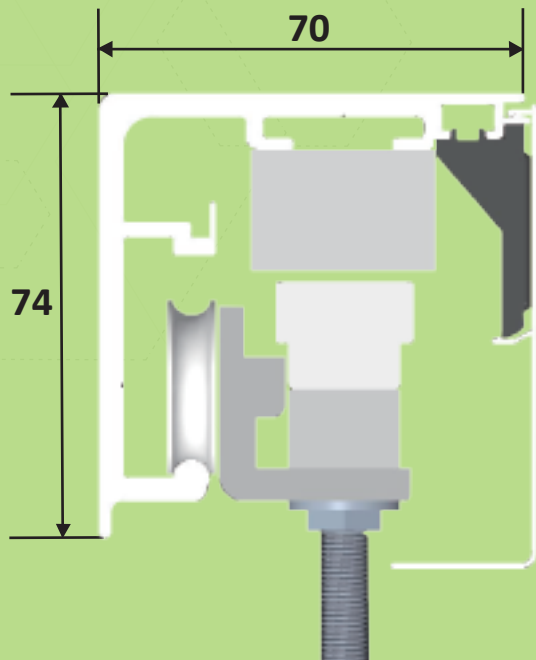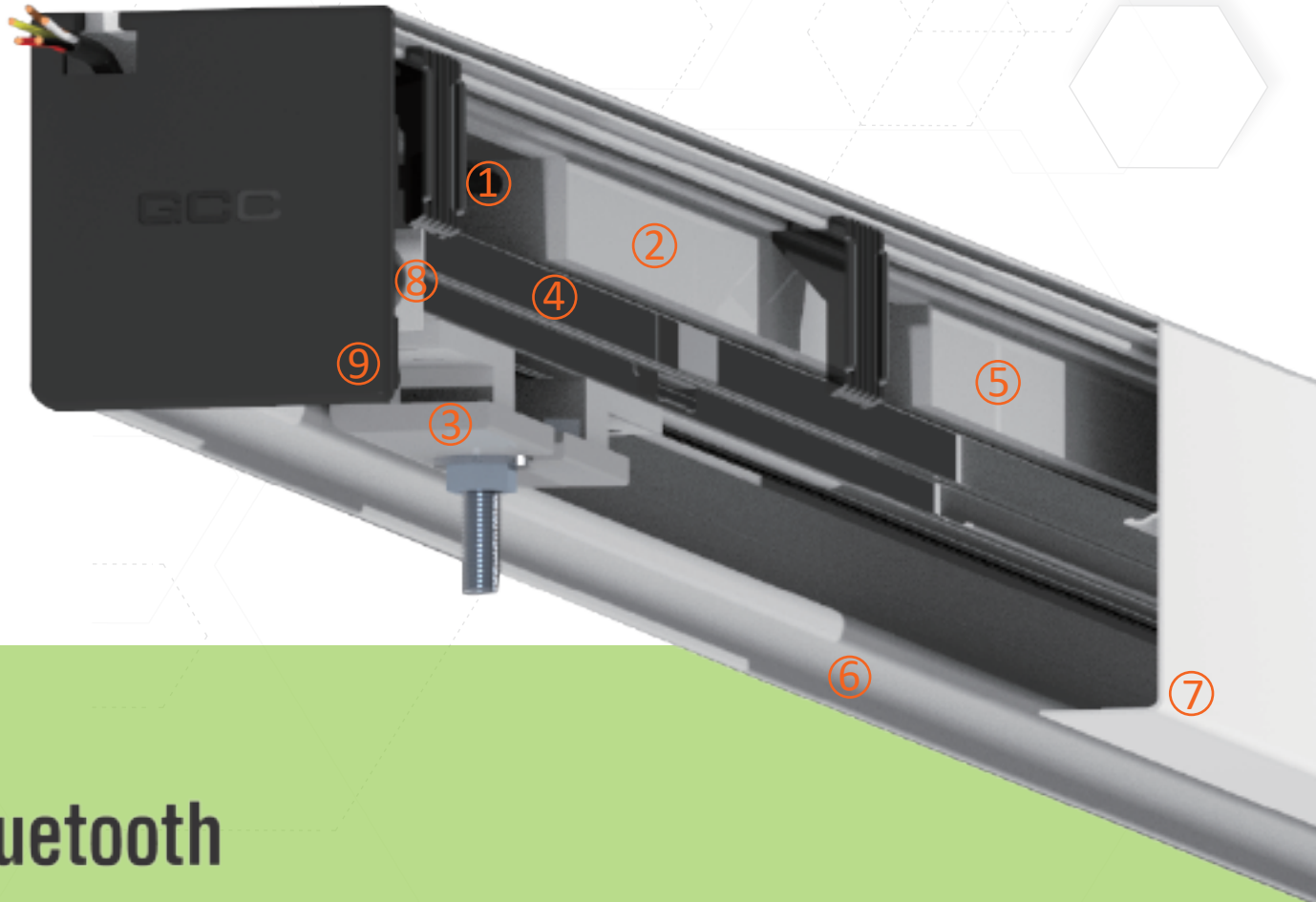7. Smoking rooms
8. Postnatal care centers

**Stylish**

Residential

BRISA-M Automatic Drive

1. Power supply 110V AC~230V AC
2. Adapter to 24V DC
3. Leaf carriers
4. Magnet carrier
5. Motor driver
6. Aluminum track
7. Track cover
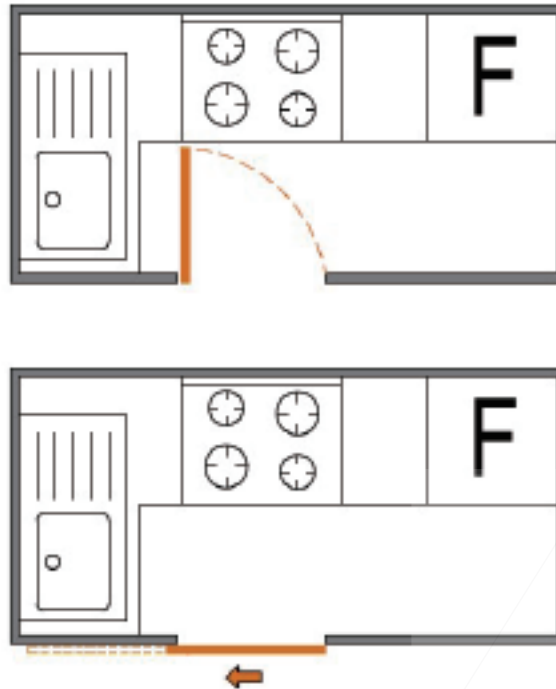8. End stoppers
9. End caps

Bluetooth

Through Bluetooth technology to adjust the parameters, we can reduce a lot of connecting wires which might cause problems and to save the installation time.
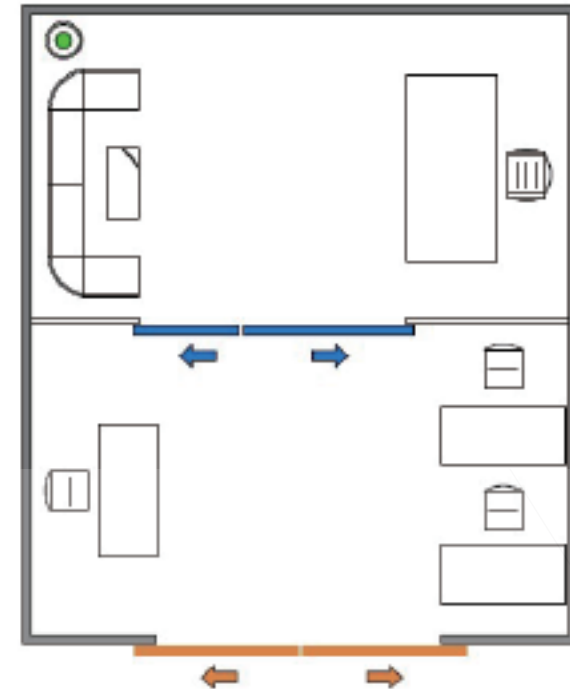
70

74

Applications with BRISA-M to maximize your room

Lavatory door
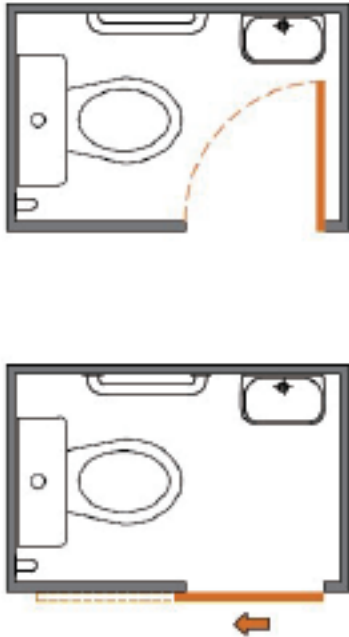
Kitchen door to block smoke

Interior office partition door

Advantages

- Quiet and safe
- Elegant and innovative
- Reliable and minimize maintenance require

BRISA-M technology allows you to make the double sliding door width asymmetrical

Specification

- Wall mount and transom fixing are acceptable.
- Track size is only 74mm X 70mm
- Max. door width 1200mm
- Min. door width 750mm (if electronic lock required min. door with 850mm)
- Door panel weight maximum 80kg
- Power supply 110V~230V AC 50-60Hz
- Operation noise < 50dB
- Adjustable opening/closing speed : 200mm/s to 500mm/s
- Operation temperature : -10~50°C

Technical Features

- Operated by microcontroller (MCU) with linear synchronize and permanent magents
- Anti-clamp and rebound function for safety
- When power is off the door can be operated like a normal manual sliding door
- Fully automatic / Push and go / Hold and fully open / Optional auto look / External Access control
- Adjustable parameters
  Opening direction / Opening speed / Closing force / Hold and open time / Rebound sensitivity

Transom fixing with RH-32
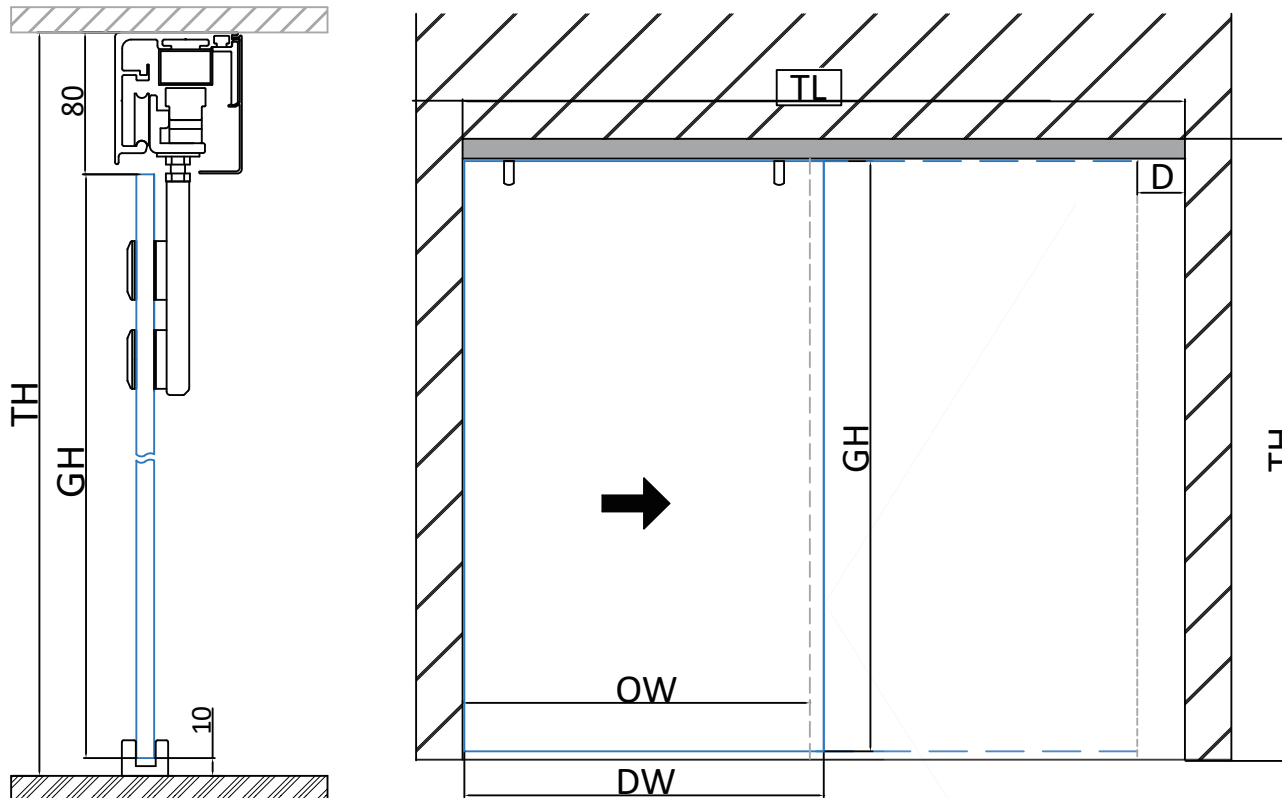
Single sliding door panel

D: 30mm

TH: Total Height

GH: Glass Height $\qquad$ GH = TH - 80 - 10

TL: Track Length $\qquad$ TL = OW + DW + D

OW: Opening Width

DW: Door Width $\qquad$ DW = OW + 55

Wall mount with RH-32
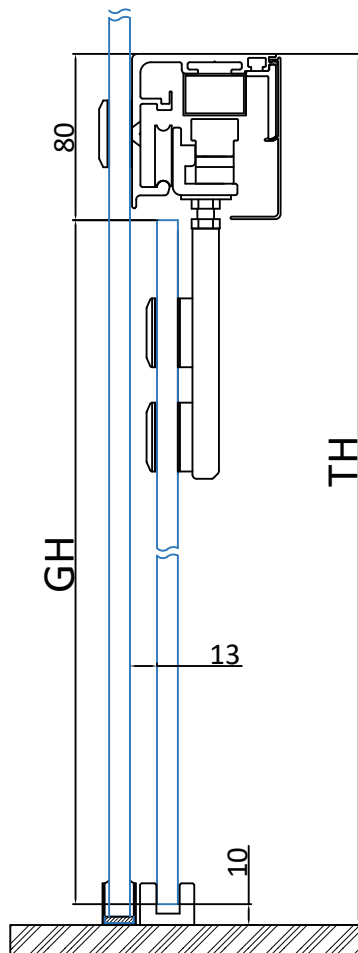
Single sliding door panel
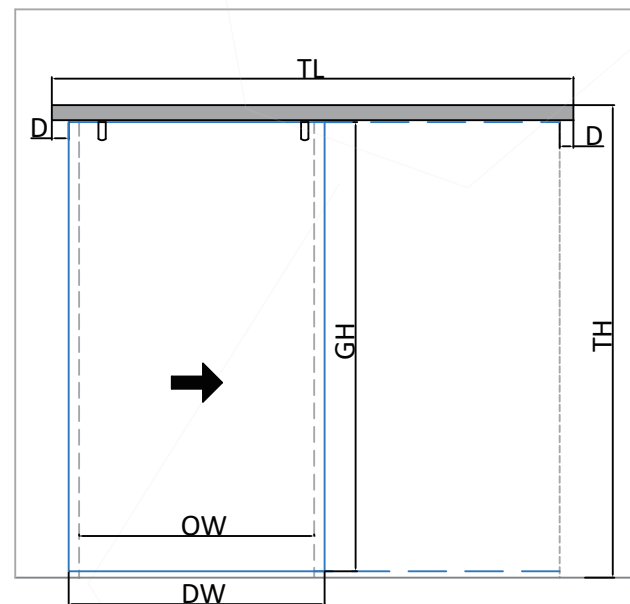
D: 40mm

TH: Total Height

GH: Glass Height   GH = TH - 80 - 10

TL: Track Length   TL = OW + DW + 2D

OW: Opening Width

DW: Door Width   DW = OW + 55
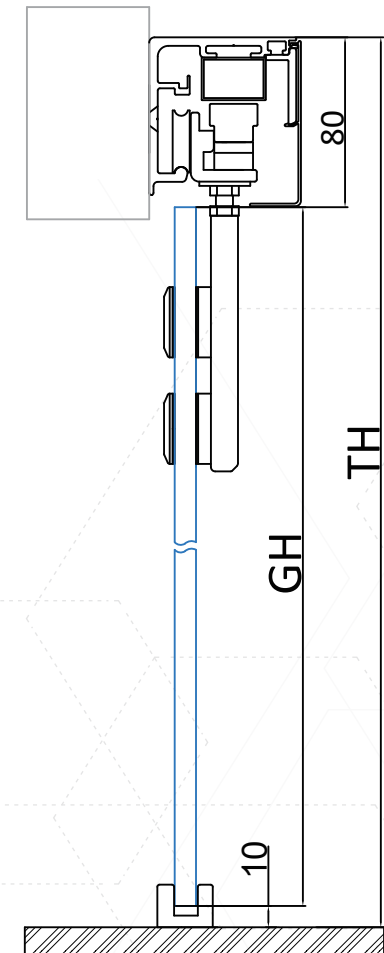
Transom fixing
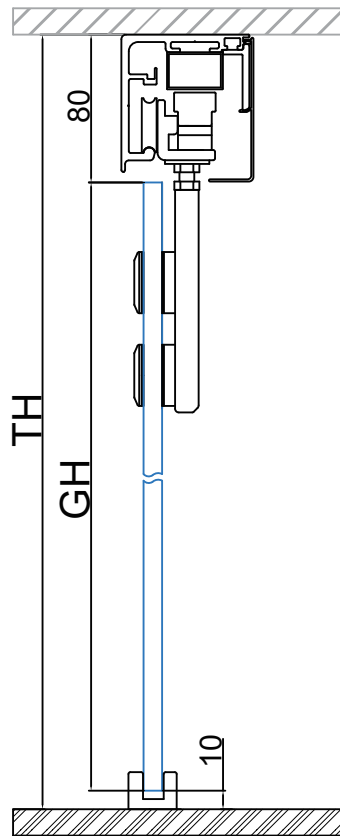
Bi-parting sliding panels

D: 30mm

TH: Total Height

GH: Glass Height   GH = TH - 80 - 10

TL: Track Length   TL = OW + 2DW + 2D

OW: Opening Width

DW: Door Width   DW = OW + 55

Bi-parting sliding panels

Wall mount with RH-32
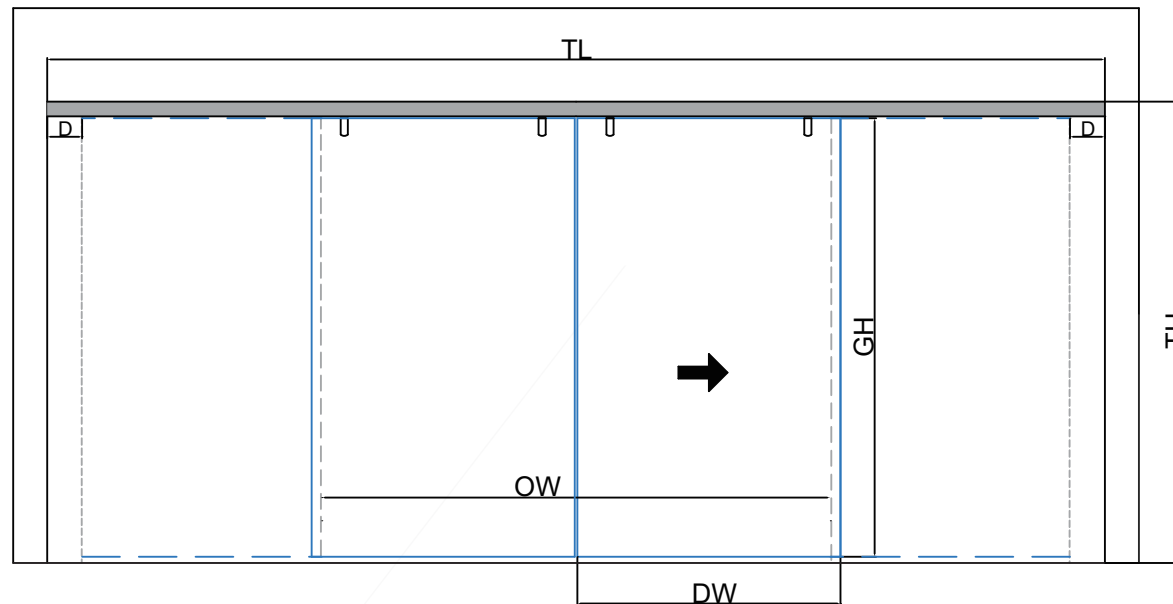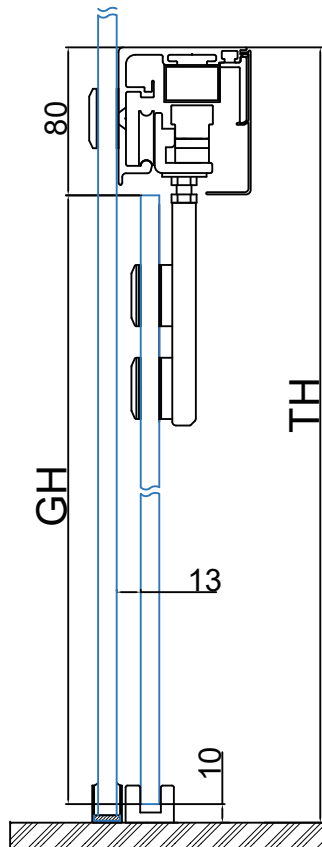
D: 30mm

TH: Total Height

GH: Glass Height $GH = TH - 80 - 10$

TL: Track Length $TL = OW + 2DW + 2D$

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DW: Door Width $DW = OW + 55$
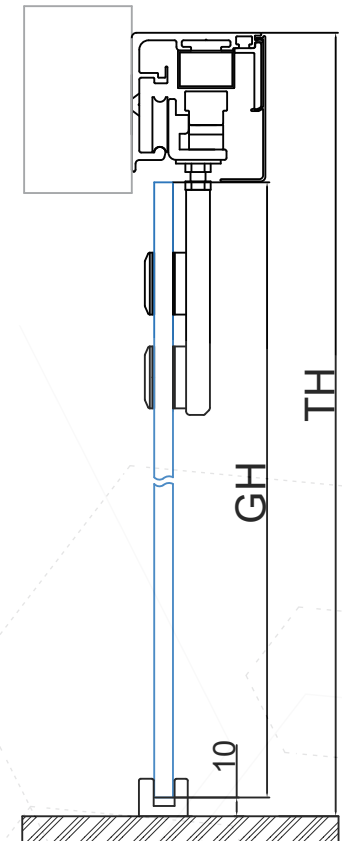
Type of door leaves

Wooden leaves

Aluminium leaves

Aluminium Profile with DR-55

Glass leaves with RH-32

Applications

- HOTELS
- HOSPITALS
- RESTAURANTS
- AIRPORTS
- PRIVATE HOMES
- SMOKING ROOMS
- OFFICE PARTITIONS
- SHELTERED HOUSING

Push button

Press to open the door with wireless control.
• Glass to wall type
• Glass to glass type

Infrared sensor

When the sensor detects presence or movement, the door will be activated/opened.
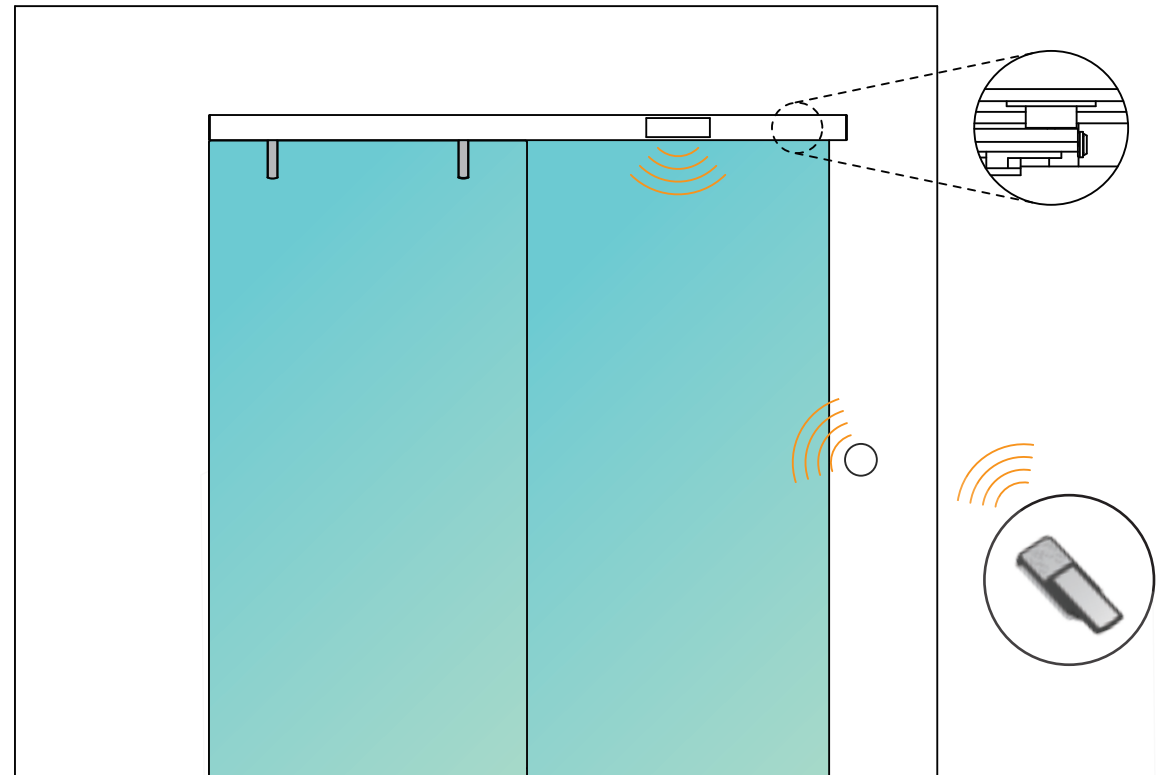
Automatic Lock

24 V DC power supply,
Fail-safe model.
Power on: lock
Power off: unlock

Remote control

Four operation modes: Open/ Close/ Stop/ Lock
Lock function must be used with Automatic Lock
Pocket size transmitter- 12V DC battery

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