

Fully Hermetic Sliding Door

ACHM10 (EN16005:2002 compliant)



The ACHM10 is a fully certified and tested, fully hermetic sliding door system, designed specifically for the controlled environments sector where the requirement exists for a door with the tightest possible seal.

Super-Silent Operation

All versions of the ACHM10 feature super silent operation, thanks to the anti-vibration seals, making them ideal for environments where comfort, silence and a warm welcome are indispensable and fundamental requirements.

Certified Airtightness

The rounded guard and the screwless visible heads prevent dust from building up, thereby making the cleaning process far simpler and more reliable. Electrostatic energy that may have accumulated on the moving wings is permanently discharged through the unique moving earth built into the ACHM10.

Automatic doors must guarantee freedom of movement in absolute hygiene and safety for all users without coming into manual contact with the actual doors. The ACHM10 accommodates these needs fully. Air leakage rates have been independently tested to be $0.03 \text{ m}^3 / \text{hour} \times \text{m}^2$ when pressurised to 20Pa.

Maximum Safety

Built in motion detectors can be added into the automation, and if necessary can be concealed within the head of the door. Consequently this prevents the usual build up of dust on the outside of the safety sensor, a common problem with standard safety sensor installation. The safety sensors also ensure protection not only in the doorway but also in the side opening movement of the wings, preventing accidental impact with unforeseen obstacles. They are indispensable when stretchers and wheelchairs are passing which may not be detected by traditional photocells.

Call us:

1890 274 273

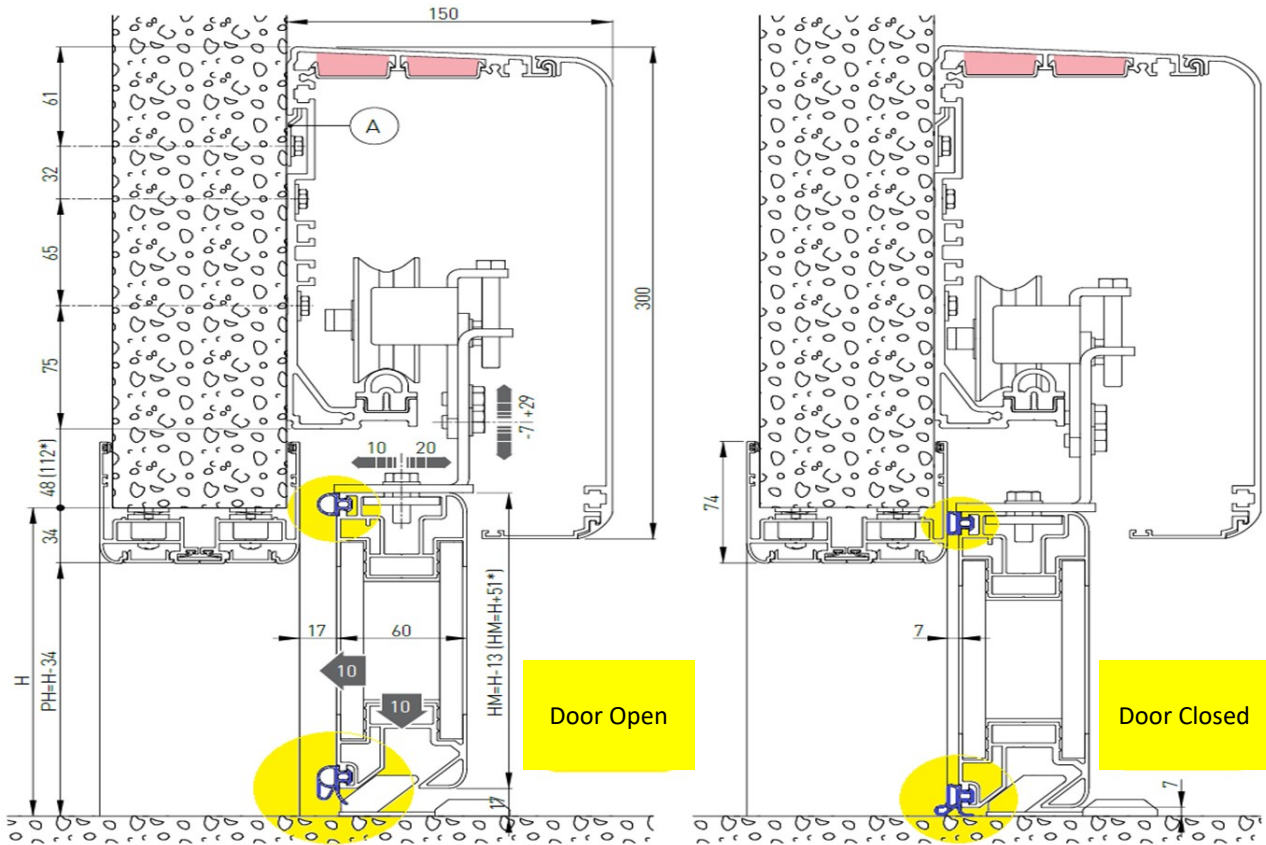
Visit us:

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Hermetic Doors



Technical Specifications:

Power Supply:	230Vac, 50/60Hz
Power Consumption:	Max 250W
Door Leaf Construction:	Aluminium surround, HPL panel or Stainless Steel or Glazed wing
Motor Control:	Encoder
Air Permeability Test:	UNI EN1026—EN12207 Class 3/4 UNI EN12426—EN12427 Class 5
Duty Class:	4—heavy duty 5—very heavy duty
Dimensions:	150mm x 300mm x L
Earthing Kit from frame to door leaf:	Resistance < 0.2 Ohm
Max Opening / Closing Speed:	0.5m/s (1 wing) 1.0 m/s (2 wings)
Operating Temperature:	+ 2° to + 50° C

Door Core:	Polyester
Acoustic Test:	UNI EN ISO 10140—ISO 717 -27dB with HPL wing -34dB with Stainless steel wing with 3mm Lead lining
IP Rating:	IP20 (with standard canopy)



Suitable for:

- Operating Theatres
- Radiology Rooms
- Clean Rooms
- Controlled Environments
- Pharmaceutical industry
- Sound insulated environments
- Electronics Laboratories
- Analysis Laboratories
- Applications with heavy door wings

Contact us for more information