



HERMETIC AUTOMATIC DOOR

HDS CLEAN ensures enhanced air tightness in operating rooms, sterile chambers, and cleanrooms with controlled environments.

It acts as a true defense barrier against dust, chemical aggressions, and biological threats that could compromise the sanitary safety of ultra-sensitive areas.

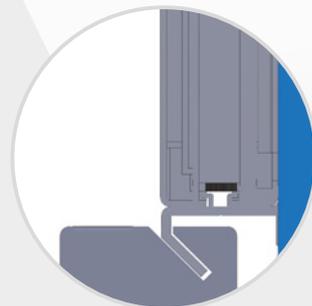
- REINFORCED AIRTIGHTNESS
- RELIABILITY AND OPTIMAL SAFETY
- RESISTANT COATING
- EASY TO CLEAN
- TEST REPORT ACCORDING TO NF EN 1026



Contactless switch

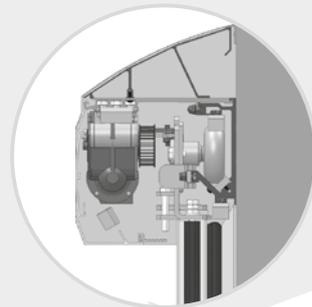
The door is controlled by an RS operator providing many functions. It ensures an optimum and easy operation thanks to safety systems and controls adapted to daily use in sterile areas and cleanrooms.

The door panel's running track is equipped with a rail and ramp system that lifts the panel during opening and lowers it during closing. Its movement is smooth and secure. The door threshold is free from any floor rails, allowing beds or carts to pass without any jolts.



Closing floor guide

The mechanism is installed within a casing with smooth, rounded shapes to prevent dust retention and facilitate cleaning. The front cover is hinged and opens easily for maintenance operations.



Header 280 x 110 mm

AUTODOOR PILOT





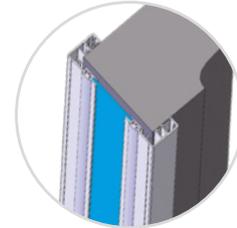
The panels are made of a rigid core coated with high-density laminate, providing resistance to impacts and easy cleaning. They are reinforced by a sturdy frame with special tubular seals all around the panel.

Guided in closing from the top thanks to the rolling ramp and from the bottom by a guide, the panel lowers and presses firmly against the frame for optimal sealing.

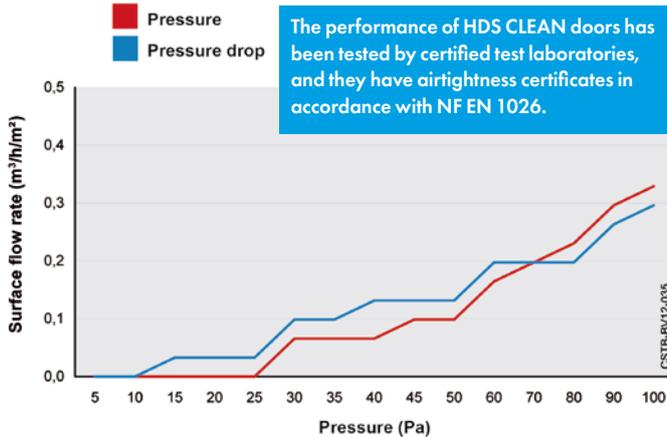
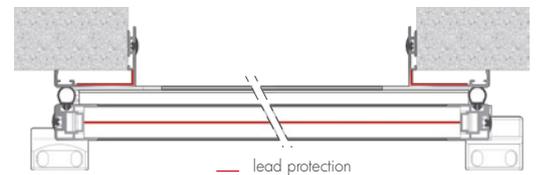
Particular attention has been paid to the design of the jambs:

- jambs with a fin and rubber seals
- smooth surfaces
- no visible screws

A frame and counter-frame reinforce airtightness, while protecting walls and corners from impacts when beds or carts pass through.



Bay protection with frame, counter-frame, wall cladding



Technical features

PERFORMANCES

Installation	Surface applied
Header (H x P)	278 x 201 mm 185 x 201 mm without dust free cover
Min./max. passage width	1 leaf: 700 - 1,800 mm
Max. passage height	2 500 mm
Max. leaf weight	1 x 150 kg
Opening speed	6 to 50 cm/s
Closing speed	6 to 30 cm/s
Hold open time	1 to 25 s
Opening force	6 to 23 daN
Closing force	6 to 15 daN

ELECTRICAL ENVIRONMENT

Power supply	Mains supply 50-60 Hz, 100-230 V +/- 10% with earth, bipolar protection
Motorization	Brushless 120 W
Power consumption average	55 W
Motor voltage/battery	40 Vcc / 24 Vcc (4,2 A.h)
Relative humidity	10 % to 93 % without condensation
Operating temperature	- 20 °C to + 60 °C
Standards and guidelines	2004/108/CE, 2006/95/CEE, 89/106/CE, 93/68/CE, 2006/42/CE, EN 61000-6-3, EN 61000-6-2, EN60335-1-2-103, EN 16005, NF-EN 1026



Equipments/Options

CONTROLS AND SAFETY

Smartphone control	•
Contactless switch	○
Foot or elbow control	○
Infrared curtain open/close safety devices	○
Naviblu wall console	○
NO/NC/Frequency input module	○
Output module (2 relays)	○
Battery backup	○

EQUIPMENT AND FINISHES

HPL laminate coating, 6 standard colors*	•
Decochoc compact laminate flooring	○
X-ray protection (2 mm lead blade*)	○
Bi-flush glazed window	○
Anti-x bi-flush glazed window	○
Easy Coming opening handle	○
Lifting handle	○
AS1 or RAL structure finish*	•

● Series ○ Option * others on request