

HDS CLEAN

Hermetic Sliding door



RENFORCED SEALING
ERGONOMY LINKED TO CLEANING AND
DECONTAMINATION REQUIREMENTS

MEDICAL / HOSPITAL
OPERATING THEATRES



ANTIX VERSION
RADIOPROTECTION



IMPACT
RESISTANCE



EASY
MAINTENANCE



HDS CLEAN ensures an hermetic closure against air, dust, chemical or bacteriological attacks.

As real defense barrier, HDS CLEAN is made for specific areas such as operating theatres, disinfection rooms, sterile or clean rooms and other places where unpolluted clean spaces are required.

HDS CLEAN

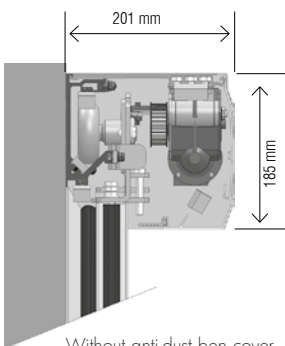


Hermetic closure against air, dust, chemical and bacteriological attacks.

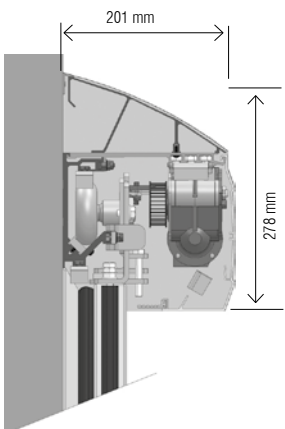
Design complying with cleaning and decontamination requirements

Optimal Operation Safety

Wide choice of leaf filling



Without anti-dust ben cover



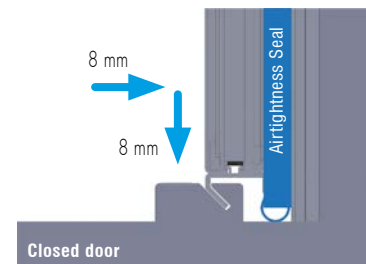
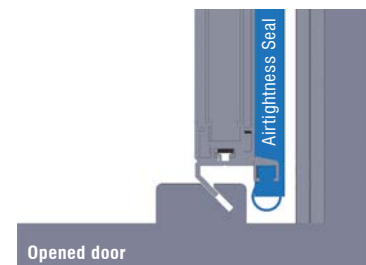
With anti-dust ben cover

Smooth movement and airtightness

The door running is fully automatic. It is managed by the operator that lifts up the door and ensures a smooth and safe sliding movement of the leaf.

The airtightness of the leaf is ensured by a specific rubber seal making a real hermetic barrier against outside attacks.

The door rail system, located in the operator, lets the door threshold free (no rail in the floor) allowing the passage of wheelchairs or clinic beds without any shock.



When closing, the rail equipped with a specific banister, allows the leaf to lower and to flatten against the door wall frame, ensuring a perfect airtightness.

Controls and detections

A digital display unit allows to view the door report and programming modes, to set its operating mode or to adjust opening / closing speeds and hold open times, according to the user's needs.

The passage safety is ensured by a detector that avoids any collision of the leaf with the user. A flushing inside handle allows the door to open easily thanks to the Easy Coming function.

The door opening can be controlled by numerous systems (remote control, push button by foot or elbow, button without contact, detection sensor...).



Contactless switch



Active Infrared safety

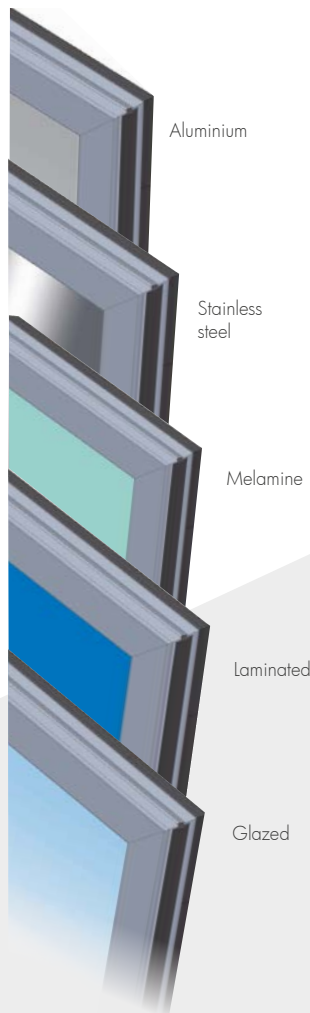
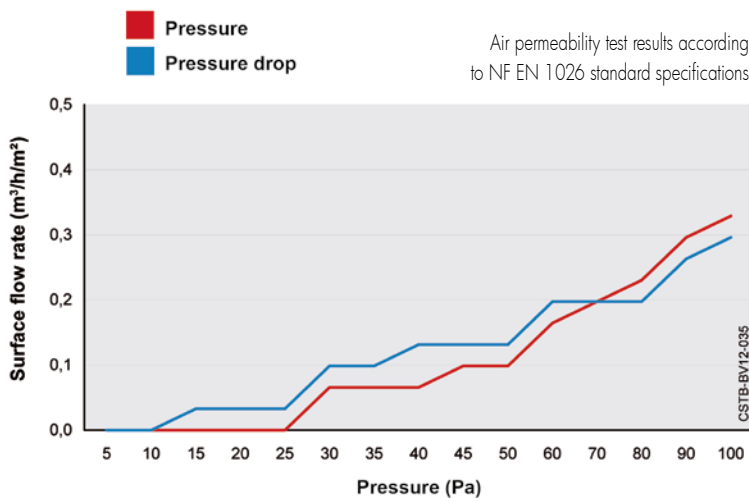


Naviblu



Visioblu and S remote control

Air permeability



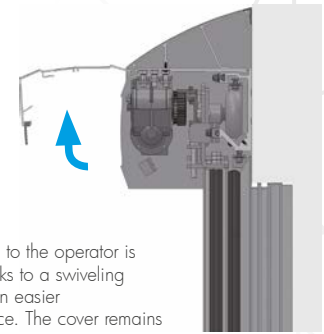
Leaves filling

Leaves are made of a rigid core coated with high density stratified panels. They are available in a large colour range.

Other materials or coatings are also available to meet all specific requirements (sound insulation, transparency, damp environment...).

Use ergonomics

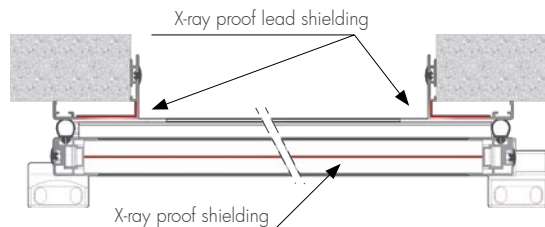
A bi-flushing window can be built in to the leaf. The wall frame cover, the profiles and cover design are stylized to make the cleaning operations easier.



The access to the operator is made thanks to a swiveling cover for an easier maintenance. The cover remains open when a maintenance operation is needed.

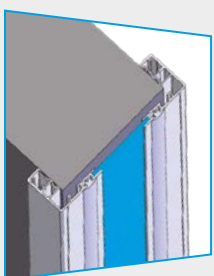
The leaves edges are protected by an aluminium frame with smooth shapes. This makes the door most elegant. This frame has a continuous tubular seal all around the door.

The bay opening is covered with an aluminium frame fixed on the wall on which the leaf flattens while closing. An opposite wall frame can be installed to protect the passage from shocks.

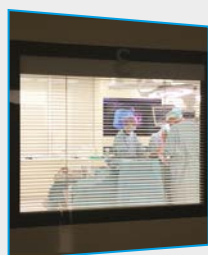


For a protection against x-rays, lead sheets are inserted into the leaf and the wall frame. An x-ray proof windows can also be associated.

■ Lead protection



Bay protection
Wall frame/opposite wall frame/
wall covering



Integrated blinds



Lifting handle



Flushing inside handle



Bi-flushing glass oculus

MECHANICS

Installation	Surface Applied	
Structure	Aluminium	
Casing (H x P)		
	with dust free cover	278 x 201 mm
	without dust free cover	185 x 201 mm
	1 leaf	
Passage width min/max	700 / 1800 mm	
Max passage height	2500 mm	

PERFORMANCES

	Hemertic	X-ray
Leaf weight max.	1 x 150 kg	1 x 150 kg
Opening speed	6 to 50 cm/s	6 to 50 cm/s
Closing speed	6 to 30 cm/s	6 to 30 cm/s
Hold open time	1 to 25s	1 to 25s
Opening force	6 to 23 daN	6 to 30 daN
Closing force	6 to 15 daN	6 to 30 daN

ELECTRICAL ENVIRONMENT

Power supply	Mains 50-60 Hz, 230V 10% with earth
Average absorbed power	50 W
Motor voltage / Emergency battery	40 Vcc / 12 Vcc (2,1 Ah)
Relative humidity	10% to 93% without condensation
Operating Temperature	-20°C / +60°C

STANDARDS

NF EN1026	Airtightness in positive or negative pression
EC	Electromagnetic compatibility : directive 2004/108/CE, electrical safety – low tension: directive 2006/95/CEE, Machines : directive 2006/42/CE
EN 61000-6-3	EMC : Issue for the residential, commercial environments and of the light industry
EN 61000-6-2	EMC : Immunity for the industrial environments
EN 60335-1/-2-103	Safety of electrodomestic devices and similar
EN 16005	Pedestrian motorised doors : use safety

EQUIPMENTS / OPTIONS

FRAMES LEAF & WALL

Aluminium AS1 or RAL	●
X-ray proof wall frame	○

MATERIALS OR COVERING LEAF

HPL laminate	●
Melamine covered	○
Stainless steel	○
Alu natural anodising, RAL lacquering	○
Double glazing	○
X-ray protection (2mm)	○

LEAF EQUIPMENTS

Flushing glass oculus 400 x 400mm or 600 x 400mm	○
X-ray glass oculus 400 x 400mm or 600 x 400mm	○
Flush-mounted opening handle	○
Manual opening handle for lifting	○

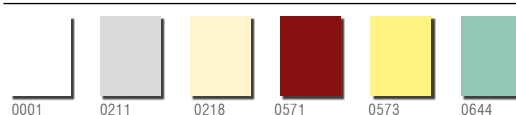
SAFETY & DETECTION

Infrared curtain	○
Infrared barrier	○

CONTROL DEVICES

Switch without contact	○
Push button (by elbow, foot)	○
IR Remote Control	○
Easy Coming	○
Small/Large opening control	○

HPL COLOURS AVAILABLE ON STOCK*



* Others choices on request * Standard ○ Option



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Certified Management System