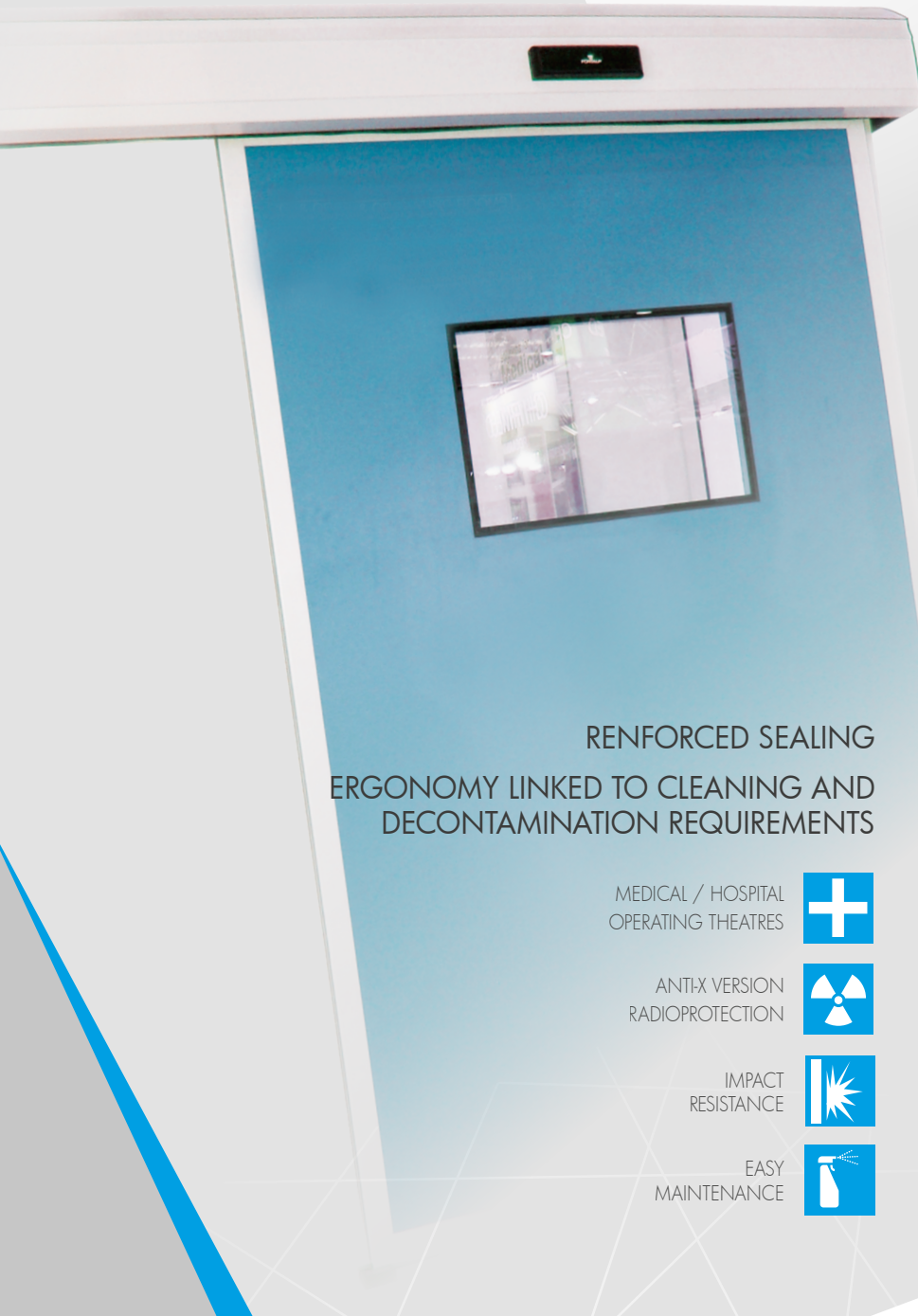


# HDS CLEAN

Hermetic Sliding door



RENFORCED SEALING  
ERGONOMY LINKED TO CLEANING AND  
DECONTAMINATION REQUIREMENTS

MEDICAL / HOSPITAL  
OPERATING THEATRES



ANTI-X 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.

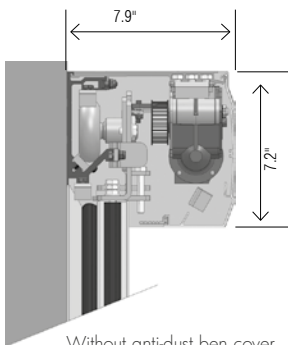
# HDS CLEAN

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

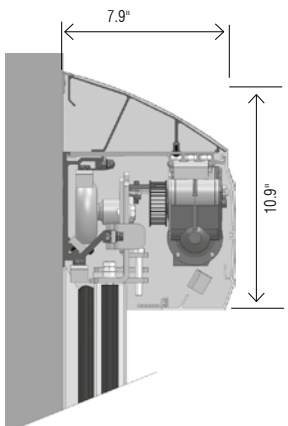
Design complying with cleaning and decontamination requirements

Optimal Operation Safety

Wide choice of leaf filling



Without anti-dust ben cover



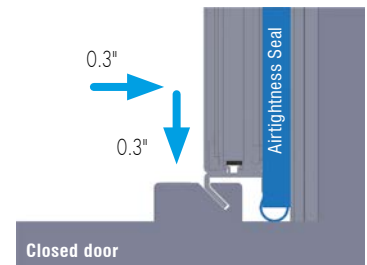
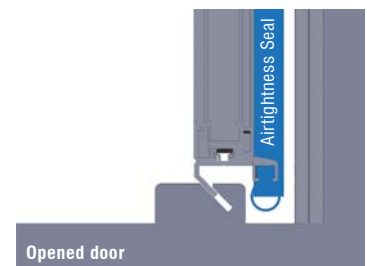
With anti-dust ben cover

## 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

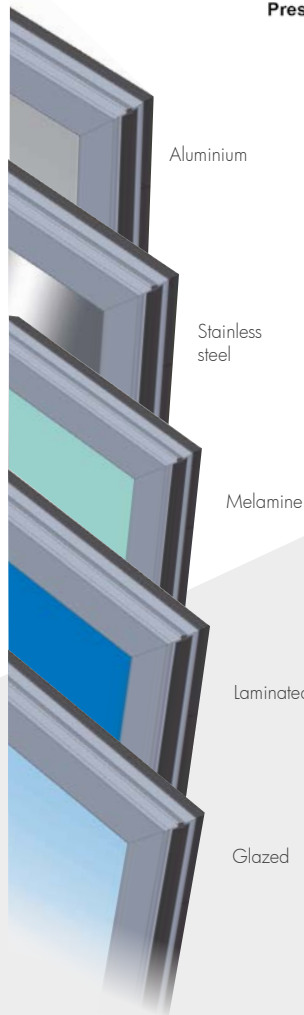
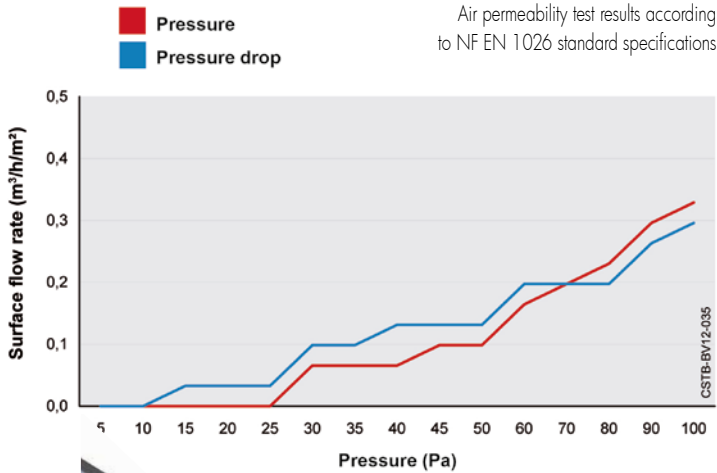


Naviblu



Visioblu and S remote control

## Air permeability



## Leaves filling

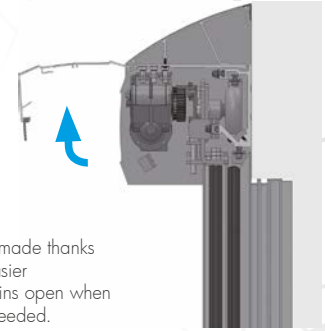
Leaves are made of a rigid core coated with high density stratified panels. They are available in a large colour range. Other materials or coatings are also available to meet all specific requirements (sound insulation, transparency, damp environment...).

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.

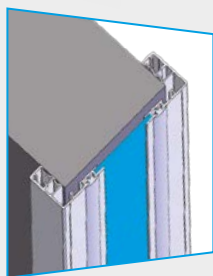
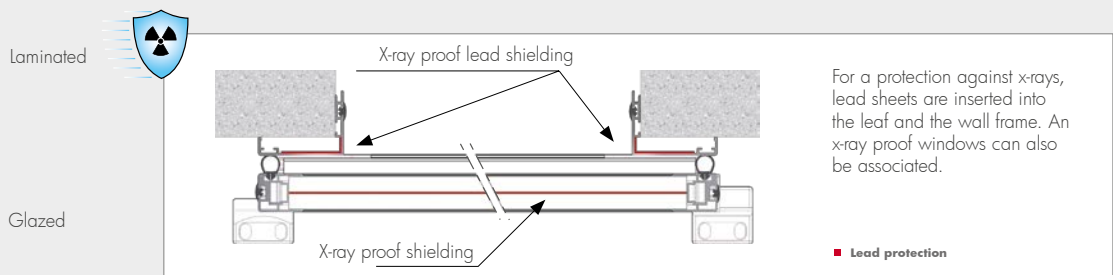
The bay opening is covered with an aluminium frame fixed on the wall on which the leaf flattens while closing. An opposite wall frame can be installed to protect the passage from shocks.

## Use ergonomics

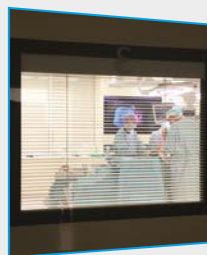
A bi-flushing window can be built in to the leaf. The wall frame cover, the profiles and cover design are stylized to make the cleaning operations easier.



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.



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	7.2" x 7.9"
	without dust free cover	10.9" x 7.9"
Passage width min/max	1 leaf	27.5" / 70.8"
Max passage height	98.4"	

## PERFORMANCES

	Hermetic	X-ray
Leaf weight max.	1 x 330.6 lb	1 x 330.6 lb
Opening speed	2 to 19 in/s	2 to 19 in/s
Closing speed	2 to 11 in/s	2 to 11 in/s
Hold open time	1 to 25s	1 to 25s
Opening force	44 to 169 ft.lbf	44 to 169 ft.lbf
Closing force	44 to 110 ft.lbf	44 to 110 ft.lbf

## 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	-68°F / +140°F

## 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 (1/16")	○

### LEAF EQUIPMENTS

Flushing glass oculus 15.75" x 15.75" or 23.62" x 15.75"	○
X-ray glass oculus 15.75" x 15.75" or 23.62" x 15.75"	○
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\*

0001	0211	0218	0571	0573	0644

\* Others choices on request    \* Standard ○ Option



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