

Sliding Door with Controlled Leakage Flow

Diva LC Clean

- Leakage flow controlled with air pressure**
- Ergonomy linked to cleaning and decontamination requirements.**
- Sound attenuation and isolation down to 30 dB***

The **DIVA LC Clean** sliding door is designed to respond to the requirements of the most advanced technological sectors for which a controlled atmospheric environment is necessary. This door range is dedicated to sites where air permeability must be controlled: hospitals, clean rooms, laboratories, etc.

DIVA LC Clean offers specific technical solutions, while providing an enormous usage comfort:

- People transporting sensitive materials or pushing a carriage appreciate a wide automatic opening.
- Doors opening without contact or handle manipulations allow respecting stringent hygienic rules.
- Adjusting leaves opening and closing speeds limits contamination exchanges between two areas.



HOSPITAL
MEDICAL



RESEARCH
PHARMACEUTICAL INDUSTRY



CHEMISTRY
LABORATORY



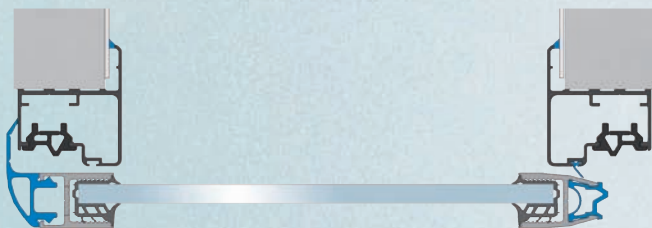
INDUSTRIAL
CLEAN ROOM
ELECTRONICS

* Measurements according to the regulation NF-S 31-057 "Checking the acoustical quality of buildings" on a complete door in a real situation taken in its entirety with wall and air extraction trapdoor, "STADIP 44.1 Silence" glazing.

Leakage flow control

The leaf's tightness is ensured by special rubber seals which form a true barrier against the passage of air.

- The vertical profiles of the frames are equipped at the rear with a large strippable rubber seal to regulate air flow.
- A jamb seal ensures the leaf's tightness in the closed position.
- A G25 smooth, round profile fitted with a front seal equips the front of the frames. The leaf slides into a floor guide, ensuring a bounceless closing movement and placing the door panel in contact with the jamb seal for perfect tightness.



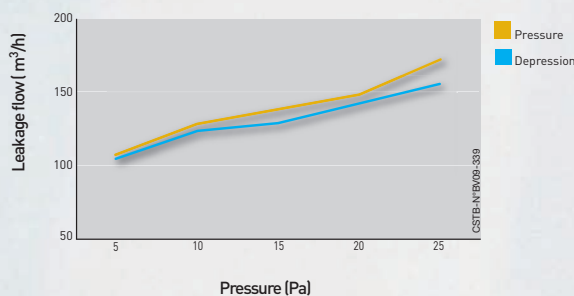
Easy to clean & maintain

Ergonomic covers with smooth, rounded shapes prevent dust from accumulating and facilitate cleaning and decontamination.

- The upper cover equipped with a seal in its lower part is also covered with a coating section in its upper part, conferring on the assembly a perfect tightness against splashing.
- The covers are hinged on flanges; they can be held open during cleaning and maintenance operations.



Open ergonomic covers



Door frames

For a rigorous frame tightness and a perfect finish, a new jamb profile equipped with an additional flange covers the stainless steel door frames on the horizontal and vertical parts under the casing.

Characteristics



MECHANICAL

Installation	Surface Applied	
Leaves	1 or 2 sliding G25 leaves	
Casing (H x D)	280 x 110 mm	
Min/max passage width		
• 1 leaf	800 / 1500 mm	
• 2 leaves	800 / 2400 mm	
Max passage height	2500 mm	

PERFORMANCES*

	Optimum	Max ⁽¹⁾
Leaf weights	1 x 105 kg 2 x 85 kg	1 x 120 kg 2 x 120 kg

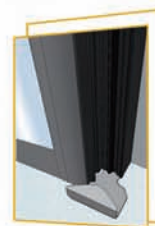
EQUIPMENT / OPTIONS

White polyurethane belt (limits dust accumulation)		
White seals on reception jamb & Upper cover		
Door leaf mid rail 150 mm	<input type="radio"/> Detection/Safety Pack	<input type="radio"/>
RAL lacquering or Natural anodising	<input type="radio"/> Flush interior handle	<input type="radio"/>
<input checked="" type="radio"/> Standard <input type="radio"/> Option ⁽¹⁾ Reduced performances		

* Operator performance details in the Diva LC Range documentation



Intermediate mid rail



Floor guidance during closing



Fixed floor guidance in the jamb

Controls and detections

To find the best solution for your project, we offer a wide choice of controls and detection and safety devices.



Contactless switch



Active infrared safety

HOSPITAL PACK
+



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