



## DIVA Round and Curved Automatic Doors

With a careful design, round and curved doors are highly appreciated in hotels, restaurants, casinos, spas... and other buildings offering a prestigious entrance to visitors.



### Performance and elegance

Elegant and functional, these doors let have a wide radius of curvature for wide but also deep entrances: the round and curved doors turn an entrance into a spacious and comfortable reception.

Their high architectural quality and their performance make them exceptional doors:

- Customized dimensions,
- Wide choice of finishes,
- Comfort and easy use,
- Heat insulation by interlocking system management,
- Wall dashboard **NAVIBLU** or **VISIOBLU** on casing, with LCD display
- Infrared remote control,
- Monitored infrared curtain,
- Locking device through infrared key.



DIVA

### Specifications

MECHANICALS	SLIDING	TELESCOPIC	CURVED	ROUND
Installation	Surface Applied / Between walls / Against Posts			
Structure	Aluminium	Aluminium	Aluminium	Aluminium
Casing (H x D)			221 x 245 mm	Canopy Hmin 320 mm
• standard	200 x 165 mm	200 x 262 mm		
• with strengthening profile	200 x 190 mm	200 x 287 mm		
Self supporting casing				
• Without strengthening profile up to	4000 mm	3000 mm		
• With strengthening profile, all in one piece	7500 mm	4000 mm		
Diameter			3000 mm min.	1700 to 3700 mm
Passage width min/max *			2400 mm max	According to the diameter
• 1 leaf	750 / 1800 mm			
• 2 leaves	800 / 3600 mm	1050 / 3000 mm		
• 4 leaves		1400 / 3600 mm		
Max. passage height	3100 mm	3100 mm	3100 mm	3100 mm

PERFORMANCES				
Max leaf weight	1x140kg / 2x140 kg	2x100kg / 4x70 kg	1x140kg / 2x140kg	1x140kg / 2x140kg
with IME / for Emergency exit	1x125kg / 2x100 kg	2x100kg / 4x70 kg	1x125kg / 2x100kg	1x125kg / 2x100kg
Opening speed	1 leaf: 10 to 100 cm/s - 2 leaves: 20 to 200 cm/s			
Closing speed	1 leaf: 10 to 60 cm/s - 2 leaves: 20 to 120 cm/s			
Hold open time	1 to 15 s			
Opening force	6 to 25 daN			
Closing force	6 to 15 daN			

ELECTRICAL ENVIRONMENT	
Power Supply	Mains 50-60 Hz, 230 V + 10 % with earth. Bipolar protection 10 A
Average absorbed power	50W
Motor voltage / Emergency battery	40 Vcc / 12 Vcc (12W)
Relative humidity	10 % to 93 % without condensation
Operating Temperature	-20°C / +60°C - Emergency exit door according EN16005 : +5°C / +40°C

STANDARDS	
CE	Electromagnetic compatibility: 2004/108/CE directive, electrical safety - Low voltage: 2006/95/CEE directive, Machines : 2006/42/CE directive
EN 60335-1/-2-103	Safety of household and similar electrical appliances
EN 61000-6-3	EMC: emission for residential, commercial and light-industrial environments
EN 61000-6-2	EMC: immunity for industrial environments
EN 16005	Power operated pedestrian doors : safety in the use
NFS 61937-1/-3	Fireproof doors

(\*) Special projects, contact us

NAVIBLU / VISIOBLU FUNCTIONALITIES	
Operating Mode selection	Door settings:
Secure access using a code	- Door Movement (speeds, torque, brakes)
Faults Display	- Opening width (small, large, safety)
Entries status diagnostics	- Time delay (radars, openings, keys)
Historic consultation of defects, counters	- Locking, Battery operation
IR Receiver	- Inputs / Outputs parameterisation
Reset	- PRM function, Standard (CO48, BS, ANSI, EN16005 Emergency Exits)

EQUIPMENTS / CONTROLS/ SAFETIES			
Emergency battery	●	Naviblu or Visioblu or 4T console	○
Fail safe locking	○	IR Receiver	○
Emergency manual unlocking	○	S (Simplified) Infrared Remote control	○
Positive Security lock	○	IR Key	○
Full breakout Device (IME - C048)	○	6-position key selector	○
DAS board for fireproof doors	○	Static exits	●
Interlocking System Board	○	Passive brake	●
Radar Ins (NO, NC, Self-controlled) / Radar Out (NO, NC)	○	EN16005 Emergency exit module	○
Opening/closure safety (NO, NC, IR barrier (x2), IR curtain (x4))	○		

FINISHES		
RAL lacquer finish, AS1, Anodised - colour	● Special lacquering, stainless steel (on request)	○
	● Standard	○ Option

● Standard ○ Option



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DIVA Range

**DIVA** is a range of exceptional automatic doors combining performance and versatility. Several versions are available, each of them has the same **DIVA** high tech operator.

- Sliding doors
- Telescopic doors
- Full Breakout doors
- V-shaped doors
- Curved and round doors

**DIVA** doors are equipped with the dashboard NAVIBLU for a large flexibility of use and parameter setting.



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**DIVA** doors can be easily integrated in existing structures. They offer versatility and safety in operating.

Managing intelligently in and out movements, these doors are especially suitable for all public places with heavy traffic and where the safety of users depends on the traffic flow.

The wide choice of finishes, leaves and glazing let the architects creating an entrance according to their imagination and provide safer and more comfortable conditions for the customer.



**DIVA5** is equipped with the **NAVIBLU** or **VISIOBLU**, real dashboards opening the way towards new features and making the parameter setting of the door easier.



The user can also use other systems of multifunction or simplified controls matching his need and the use of the door.



DOUBLE  
SLIDING



SINGLE  
SLIDING



DOUBLE  
TELESCOPIC



SINGLE  
TELESCOPIC



## Profiles ranges

To answer the requirements of each application, the **DIVA** Doors frames are available in several ranges:

- Lumina - All glass: 10 mm tempered glass, without any frame profile,
- Lumina - Fine profiles: 10 mm tempered glass, with fine frame profile,
- Aluminum standard profiles: G25 (25 mm) and G38 (38 mm).
- Profiles with Thermal Bridge Break: G50 TBB (50 mm)

All our range of profiles was specially conceived to meet the safety requirements (finger trap protection). The frames are assembled with a glass seal allowing the fast change of glazing. The peripheral airtightness of the passageway is made by seals and brushes.

The G38 range is a solution which allows to put an up to 26 mm thick isolating glazing. It also offers the possibility of integrating a key locking (European cylinder).

The G50 TBB range is conceived in a concern of thermal performance.

## Controls and Detections

To bring the best solution to your project, a vast choice of controls and detection devices is proposed.

Hyperfrequency radars ensure a reliable and performing movement detection. The monitored infrared safeties detect any presence in the passageway or any obstacle hindering the leaf closure. 3 safety connectors allow to manage the safeties in closure and in opening (NO / NC devices, up to 2 IR barriers or 6 IR curtains).

- Standard controls to ensure a safe and smooth flow.
- Specific controls for customized access control.
- Controls for disabled people.

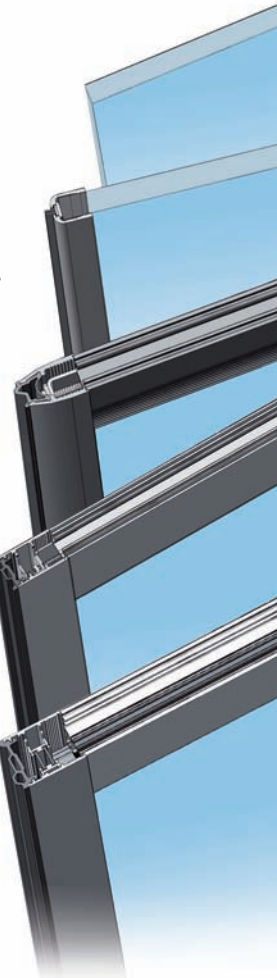
LUMINA  
All Glass

LUMINA  
Thin profiles

G25 profiles

G38 profiles

G50 profiles



NAVIBLU



VISIOBLU and  
S Remote control



IR key



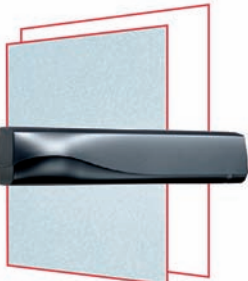
Console 4T



6 positions key  
selector



Hyperfrequency  
detection



Active infrared



## DIVA Fireproof sliding doors\*

The fireproof doors combine respect of construction rules against fires with design of a glass door letting the natural light coming through. Without big works, these doors are made for public buildings, requiring a reliable protection against fires.

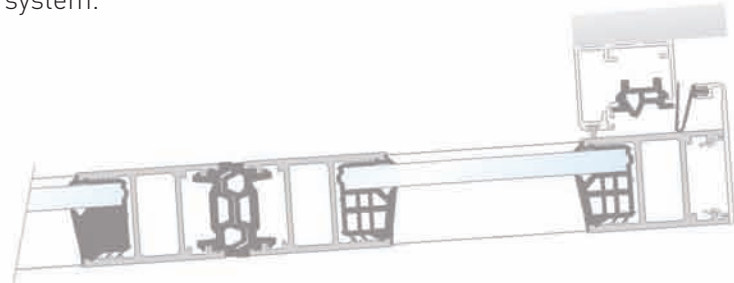
\* Contact us

## Performance, comfort and safety

The operator **DIVA** combines a powerful motorization group and a performing logic box managing all the features of the door.

Pre-cabled and pre-mounted sub-units make the installation easier.

- A back up battery allows the door to operate in case of supply failure.
- DIVA5 is equipped with a PRM function (person with reduced mobility) managing any sound or picture device settled for the comfort and the safety of users with visual and hearing impairment.
- Compliant with the French regulations C048, an elastic device opens the leaves by Intrinsic Mechanical Energy, without any outside energy source.
- Integrated passive brake absorbs the opening of the door when this one is activated by the elastic.
- A double opening control can be settled and managed by the Po/Go function to allow the staff and beds in hospitals to move or to be moved more easily.
- It is possible to connect a IR receiver on the main board to communicate with a IR key, if the door is not equipped with a NAVIBLU display.
- Managing an interlocking system.



## NAVIBLU and VISIOBLU, real control consoles

**NAVIBLU** and **VISIOBLU** are user-friendly and high-performance control interfaces. They allow easy driving, easy adjusting and easy communicating with the door. The LCD screen indicates the door's state in the most universal language that consists of pictograms, figures and international measuring units.



**NAVIBLU**, designed for wall mounted installation, allows controlling the door simply at one's fingertips thanks to its unique central browsing button.

**VISIOBLU**, designed to be installed on the casing, operates with the S remote control, offering all the comfort of remotely controlled operations.

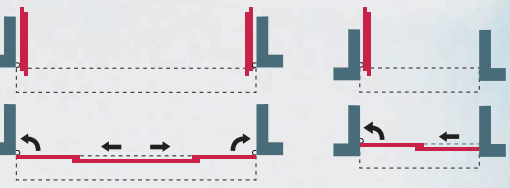
The 2 systems are equipped with an IR receiver to learn up to 20 keys or S remote controls. Performing the same functionalities, **NAVIBLU** and **VISIOBLU** offers a great flexibility of use (choice of operating modes, settings of the door, historic consultation of defects and counters, automatic entries diagnosis, etc.).

## DIVA V-Shaped sliding doors\*

DIVA V-Shaped doors are sliding doors arranged in angles to meet a very precise request in a building. They offer a touch of originality to an entrance while providing a very wide opening.

## DIVA Full breakout sliding doors\*

The full breakout doors allow, under the manual push of frantic persons, the pivoting towards the outside of semi-fixed and sliding leaves and free the opening to meet safety requirements.



**FBO double**  
2 sliding leaves  
2 semi-fixed leaf

**FBO single**  
1 sliding leaf  
1 semi-fixed leaf