



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:

- Customised dimensions,
- Wide choice of finishes,
- Comfort and easy use,
- Heat insulation by airlock management,
- Offset digital control panel,
- Incorporated traffic analyzer,
- Infrared remote control,
- Self-controlled infrared barrier,
- Locking device through infrared key.



Diva

Specifications

	SLIDING	TELESCOPIC	CURVED	ROUND	FIREPROOF (Diva4 operator)
Installation	Surface Applied / Between walls / Against posts				Surface Applied
Structure	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Casing (H x D)			9.6" x 8.7"	Canopy Hmin 12.6"	
- Standard	6.5" x 7.9"	10.3" x 8.3"			
- With strengthening profile	7.4" x 7.9"	11.3" x 8.3"			6.9" x 7.9"
Self supporting casing					
- Without strengthening profile up to	157"	118"			
- With strengthening profile, all in one piece	295"	157"			
Diameter			118" min.	67" to 146"	
Passage width min/max *			94.5" max.	Depend of the diameter	
- 1 leaf	29.5" / 59"				35" / 53.5"
- 2 leaves	35" / 94"	41" / 71"			49.2" / 81"
- 4 leaves		54" / 94"			
Max. passage height.	121"	121"	121"	121"	121"

	1 x 330 lbs / 2 x 330 lbs	2x220 lbs / 4 x 88 lbs	1 x 330 lbs / 2 x 330 lbs	1 x 330 lbs / 2 x 330 lbs	1 x 231 lbs / 2 x 330 lbs
Max leaf weight					
Opening speed		1 leaf: 4 to 39 in/s - 2 leaves: 8 - 78 in/s			4 to 39 in/s/leaf
Closing speed		1 leaf: 4 - 12 in/s - 2 leaves: 8 - 23 in/s			4 to 12 in/s/leaf
Hold open time		1 to 15 s			1 to 15 s
Opening force		44 to 185 ft.lbs			44 to 185 ft.lbs
Closing force		44 to 110 ft.lbs			44 to 110 ft.lbs
Flame breaks and fireproof leaves					1/2h - 1h

ELECTRICAL ENVIRONMENT	
Power supply	Mains 120 VAC 60HZ Two-pole protection 10A
Maximum / Average absorbed power	500 W / 50 W
Motor voltage / Emergency battery	40 Vcc / 12 Vcc (12W)
Relative humidity	10 % to 93 % without condensation
Operating temperature	-4° F / +140° F

STANDARDS	
EC	Electromagnetic compatibility: 2004/108/CE directive, Electrical security - Low voltage: 2006/95/CEE directive, Construction products : 89/106/CE - 93/68/CE directives, Machines: 2006/42/CE directive
EN 60 335 - 1	Safety of household and similar electrical appliances
EN 61 000 - 6 - 3	EMC: emission for residential, commercial and light-industrial environments
EN 61 000 - 6 - 2	EMC: immunity for industrial environments
NFS 61-937-1/3	Fireproof doors
NF Certification	Fireproof doors NF-Boullet PVCTICIM 92.A216 / 217

NAVIBLU functionalities

Operating Mode selection	Door settings
Secure access using a code	- Door movement (speeds, torque, brakes)
Faults display	- Opening width (small, large, security)
Entries status diagnostics	- Time delay (radar units, openings, keys)
Historic consultation of defects, counters	- Locking, battery operation
IR receiver	- Inputs/Outputs parameterisation
Reset	- People With Reduced Mobility function, Standard running (CO48, BS, ANSI)

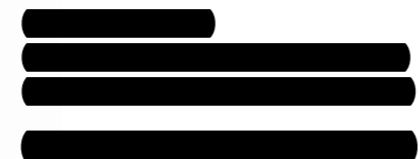
Equipment/Controls/Safeties

Emergency battery	• NAVIBLU control console	○
Fail Safe locking	○ IR receiver	○
Manual inside safety unlocking	○ M (Multifunction) infrared remote control	○
Positive Security locking	○ S (Simplified) infrared remote control	○
Passive break	○ IR key	○
DAS card	○ 6-position key selector (with Reset)	○
Airlock management card	○ Static outputs	○
Inside radar (NO, NC, self-controlled) and Outside radar Ext (NO, NC)	○ Opening/Closing safeties (NO, NC, IR barrier x2, IR curtain x4)	○
RAL lacquer finish, AS1, Anodised - colour (As standard)	○ Special lacquering, stainless steel (On request)	•

• Standard ○ Option



PORTALP U S A I N C .



CE

Diva Range



DIVA is a range of exceptional automatic doors combining performance and safety. Several versions are available, each of them has the same high technological DIVA operating system.

- Sliding Doors
- Telescopic Doors
- Full Breakout Doors
- V-shaped Doors
- Round Doors
- Curved Doors

Its easy use is closely linked to the astonishing agility of NAVIBLU, a real control console.





DIVA automatic doors can fit easily in existing structures, they are versatile and operate safely.

DIVA can become a hermetic and fireproof doors by adapting some elements to the use specifications.



DIVA

Sliding, Telescopic, Full Breakout, Automatic Doors

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



Profiles ranges

To better meet the requirements of each application, **DIVA** doors frames are available in different ranges of profiles:

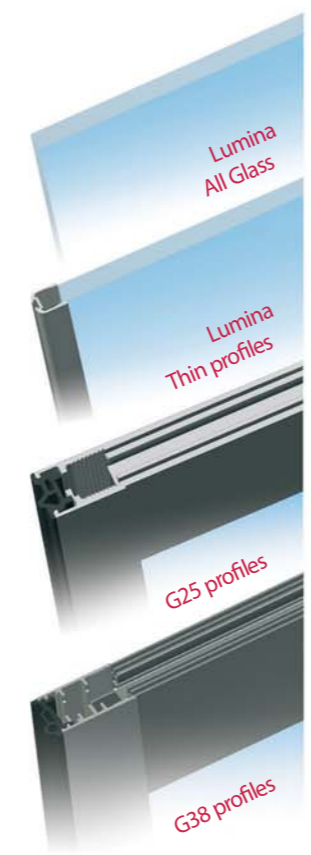
- Lumina - All Glass: made in 1/2" tempered glass, without any profile,
- Lumina - Thin profiles: made in 1/2" tempered glass, with thin aluminium profiles,
- Standard Aluminium Profiles: G25 (1") and G38 (1 1/2").

The All Glass Lumina leaves, without frame profiles, offer a whole transparent effect all along the opening, while enjoying a bright and elegant entrance...

Standard frames are mounted with a neoprene seal, a quick change of glazing is thus possible. Our whole range of profiles was especially designed to comply with the safety standards (ex : finger trapped in the door...).

The door opening is airtight thanks to seals and brushes around the leaves.

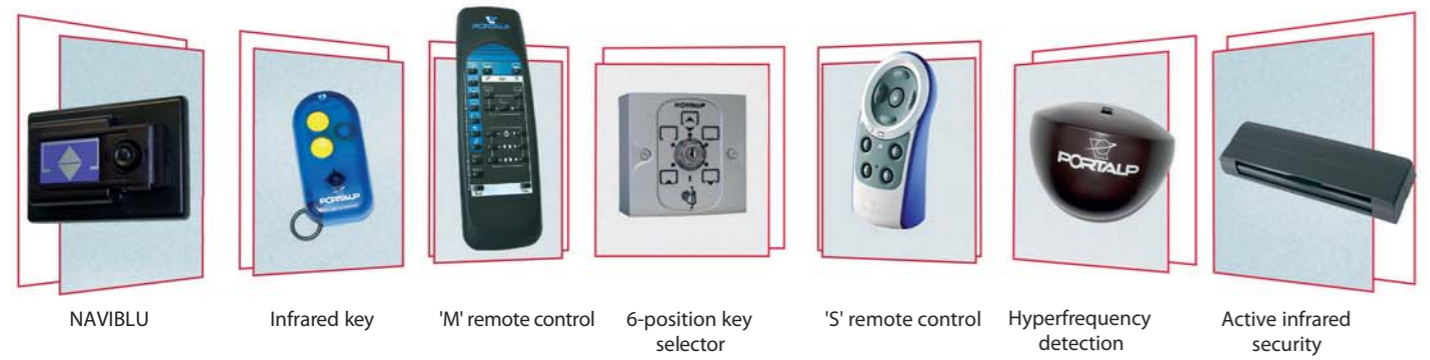
The G38 range is a solution that makes thick isolating glazing up to 1" possible. A key lock (European cylinder) can also be mounted with these profiles.



Control and Activation devices

A large choice of control and activation devices is possible to give you the best solution for your project:

- Standard controls to have a fluid and safe traffic.
- More specific controls for customised access control.
- Control devices for disabled people...



Performance, comfort and safety

- NAVIBLU, LCD control console
- Incorporated traffic analyzer
- Infrared remote control
- Auto-control infrared barrier
- Locking device through infrared key
- Airlock management

The wide choice of finishes, leaves and glazing... and the easy installation in many configurations let the architects to create an entrance according to their imagination and provide safer and more comfortable conditions for the customer.



NAVIBLU, a real control console

Fitted with a wide LCD screen offering a high level of brightness, **NAVIBLU** can be installed directly onto the casing, or located remotely on a wall. It communicates with the door in a highly universal language, consisting solely of pictograms, figures and international measuring units.

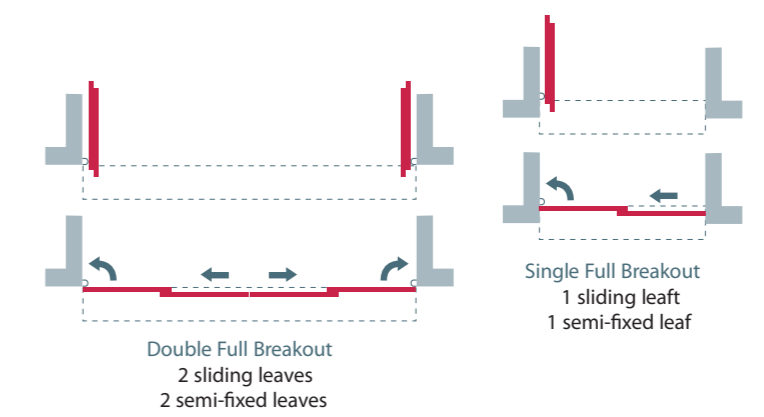
NAVIBLU is equipped with an IR receiver enabling IR keys or IR remote control to be learnt (up to 20). The S remote control makes it possible to control the display unit from a distance, with the same browsing possibilities as when you are using the display unit itself.

Access to the various functions is instantaneous and is very easy to use thanks to a single navigation button (choice of operating modes, settings of the door, historic consultation of defects and counters, automatic entries diagnosis, etc.).



FBO - Sliding door opening FBO - Breakout opening

Under the pressure of panic-stricken people, semi-fixed and sliding leaves of full breakout doors can be swivelled towards the outside, clearing the whole opening to meet safety requirements.



Fireproof

DIVA sliding doors

The fireproof automatic doors combine respect of construction rules against the fires with the 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.

Hermetic

DIVA sliding doors

In the most advanced technological sectors, an optimal and reliable protection without the slightest failure is essential. These doors are real defence barriers made for specific areas such as operating theatres, disinfection rooms, sterile or clean rooms, or other places with controlled environment.

V-shaped

DIVA sliding doors

DIVA V-shaped doors are sliding doors for angles to meet very precise configurations in a building. They also bring a great touch of originality in an entrance.

