



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)			8.7' x 9.6'	Canopy Hmin 12.6'
• standard	7.8' x 6.5'	7.8' x 10.3'		
• with strengthening profile	7.8' x 7.4'	7.8' x 11.3'		
Self supporting casing				
• Without strengthening profile up to	157'	118'		
• With strengthening profile, all in one piece	295'	157'		
Diameter			118' min	67' to 145'
Passage width min/max *			94' max	According to the diameter
• 1 leaf	29.5' / 70.8'			
• 2 leaves	31.5' / 141.7'	41.3' / 118.1'		
• 4 leaves		55.1' / 141.7'		
Max. passage height	122'	122'	122'	122'

PERFORMANCES

Max leaf weight	1 x 63.6 lbs / 2 x 63.6 lbs	2 x 45.4 lbs / 4 x 31.8 lbs	1 x 63.6 lbs / 2 x 63.6 lbs	1 x 63.6 lbs / 2 x 63.6 lbs
with IME / for Emergency exit	1 x 56.8 lbs / 2 x 45.4 lbs	2 x 45.4 lbs / 4 x 31.8 lbs	1 x 56.8 lbs / 2 x 56.8 lbs	1 x 56.8 lbs / 2 x 56.8 lbs
Opening speed	1 leaf: 4 to 39 in/s - 2 leaves: 7 to 78 in/s			
Closing speed	1 leaf: 4 to 23 in/s - 2 leaves: 7 to 47 in/s			
Hold open time	1 to 15 s			
Opening force	44 to 185 ft.lbs			
Closing force	44 to 110 ft.lbs			

ELECTRICAL ENVIRONMENT

Power Supply	Mains 50-60 Hz, 120 V + 10 % with earth ground. 2 pole 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	-68°F / +140°F - Emergency exit door according EN16005 : +41°F / +104°F

STANDARDS

ANSI 156.10	Full energy power operators
UL 325	Power door operators.
NFPA 101	Life Safety Code
FCC part 15	Unintentional radiators

(*) 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	- People with Reduced Mobility function, Standard running(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 - CO48)	○ 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

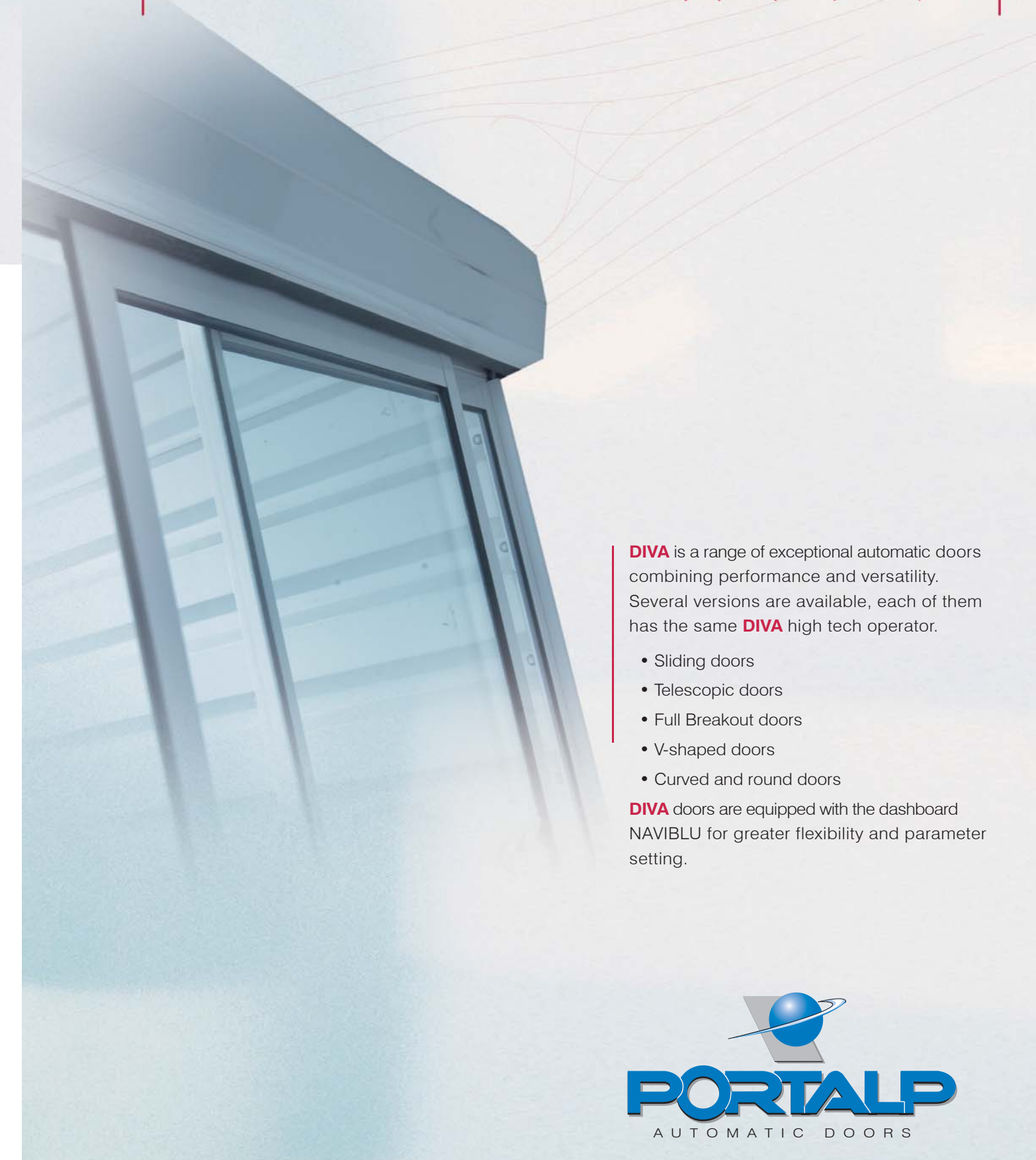
RAL lacquer finish, AS1, Anodised - colour	● Special lacquering, stainless steel (on request)	○
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● Standard ○ Option



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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 greater flexibility 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 create an entrance that complements their design and provides safer and more comfortable conditions for the customer.



DIVA5 is equipped with NAVIBLU or VISIOBLU, real dashboards opening new features and making the setup of the door easier.

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



Profiles ranges

To meet the requirements of each application, the **DIVA** door 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)

The range of profiles were specially developed 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 up to 26 mm thick isolating glazing. It also offers the possibility of integrating key locking (European cylinder).

The G50 TBB range was developed 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 are available.

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 manage and control 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.



Performance, comfort and safety

The **DIVA** door combines a powerful operator and controls to manage all the features of the door.

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

- A back up battery allows the door to operate in case of power 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 CO48, an elastic device opens the doors 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 communication 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.



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.

