

Flowslide

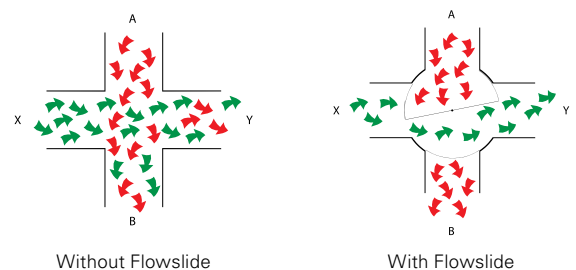


**BOON EDAM**

Truly unique, the Flowslide uses the principle of a revolving door to separate crossing passenger flows. It was developed in cooperation with Charles de Gaulle airport and was specifically designed to meet stricter security guidelines in airport terminals. These guidelines require for different passenger flows to be strictly separated in the terminal. The Flowslide enables this without the necessity for additional terminals or two story terminals.

Working Principle

The Flowslide consists of a rigid central door wing and three curved sliding panels, which revolve within the fixed bent wall. The sliding panels alternately open or close the entries or exits of the door. The combination of sliding panels and door wings are software controlled and programmed in such a way that passengers can only walk from point A > B or from point X > Y, remaining separated at all times.



Without Flowslide

With Flowslide

 *your entry experts*

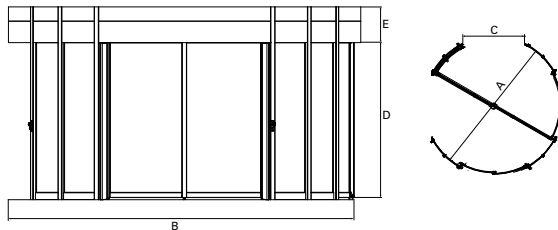


Options

- Congestion detection sensor to ensure a smooth, passenger flow optimised capacity
- Traffic signalling with waiting time counter
- Low energy ceiling lighting
- Floor mats

Dimensions and Specifications

A	B	C	D	E			
Diameter (mm)	Capacity / Minute	Disabled Access	Type of Traffic	Installation Width (mm)	Throat Opening (mm)	Height Under Canopy (mm)	Canopy Height (mm)
4800	1x 30			4940	2165	2200	500



- Locking of the Flowslide: The Flowslide can be locked in several positions. The door is equipped with eight Espagnolet locks; two on each rotating element. The locks on the central door wing are at both ends. The curved sliding panels have locks at the front and back ends of each panel set.
- Operation of the Flowslide: The Flowslide is operated using a control panel with two key switches. Only authorised personnel can operate the key switches.

Security Options

Strict guidelines about terminal security require a number of security options to be available on the Flowslide. If any of these sensors is activated the door continues to operate normally in order to maintain traffic flow, but an audible alarm and visual signal (on control panel) will be given to indicate a possible breach of security.

- Unauthorised use of the Flowslide: If one of the door elements is accelerated, slowed down or blocked, a visual and audible signal will be given. If the central door wing and a sliding panel lose synchronisation, the electronic control of the door is programmed to compensate in order to close the gap. If the gap between the different door parts is too large, the visual and audible alarms will go off.
- Anti pass-through of objects: The security sensor is activated when somebody tries to pass an object through the gap between the curved sliding panel and the central door wing or fixed bent wall.

Technical Specifications

Power Supply:	200-240 VAC, 50/60 Hz
Motor:	AC motor, 3-phase
Power Consumption	
Operating:	800W
Ambient Temperature:	-20°C to +50°C
Fuse:	External Power supply fused with 16A slow