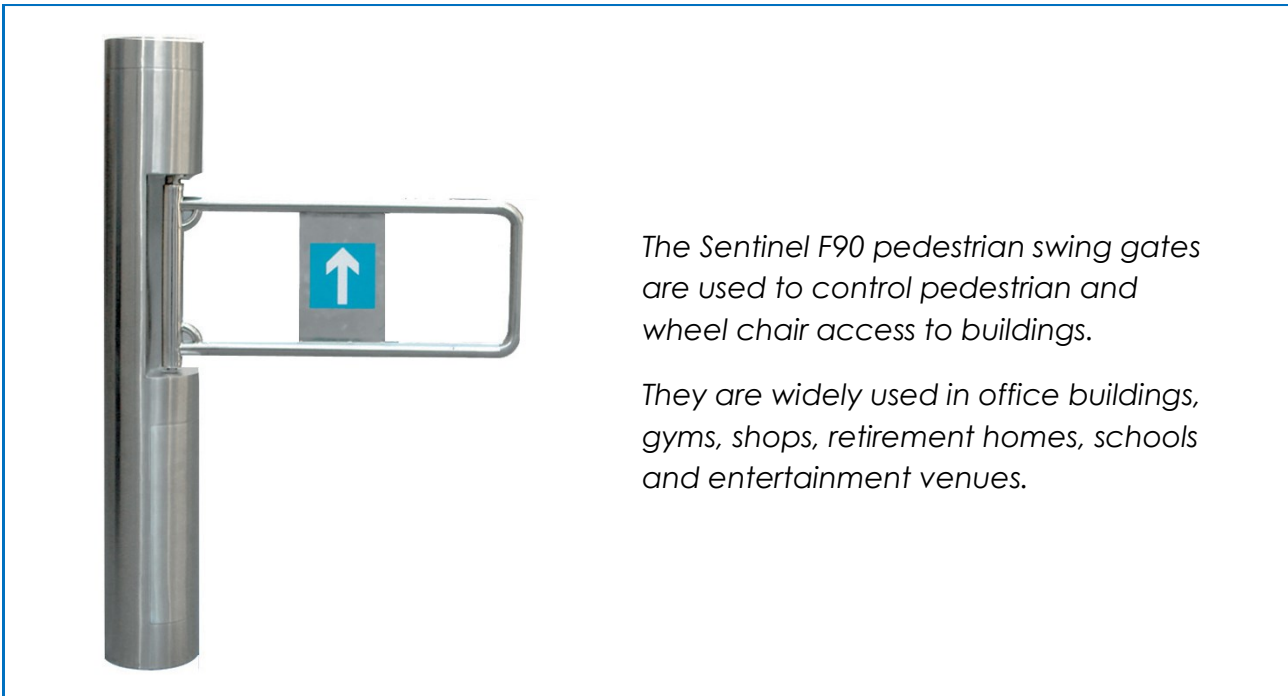


# Sentinel F90 Swing Gate

Pedestrian swing gates



*The Sentinel F90 pedestrian swing gates are used to control pedestrian and wheel chair access to buildings.*

*They are widely used in office buildings, gyms, shops, retirement homes, schools and entertainment venues.*

PLC controls allow connection to any type of access control or building management system. The F90 can be supplied with arm widths of 300mm to 800 mm and can be used as a dual system to allow entrances up to 1800mm wide.

The durable brushed stainless steel cabinet will compliment even the most upmarket buildings and the low noise operation makes it suitable for libraries and hospitals.

With cushion soft safety the F90 is suitable for operation by everyone, from young children to the elderly and disabled people. The design of the F90 incorporates the highest standard of safety features and at the same time offers maximum security for building owners.

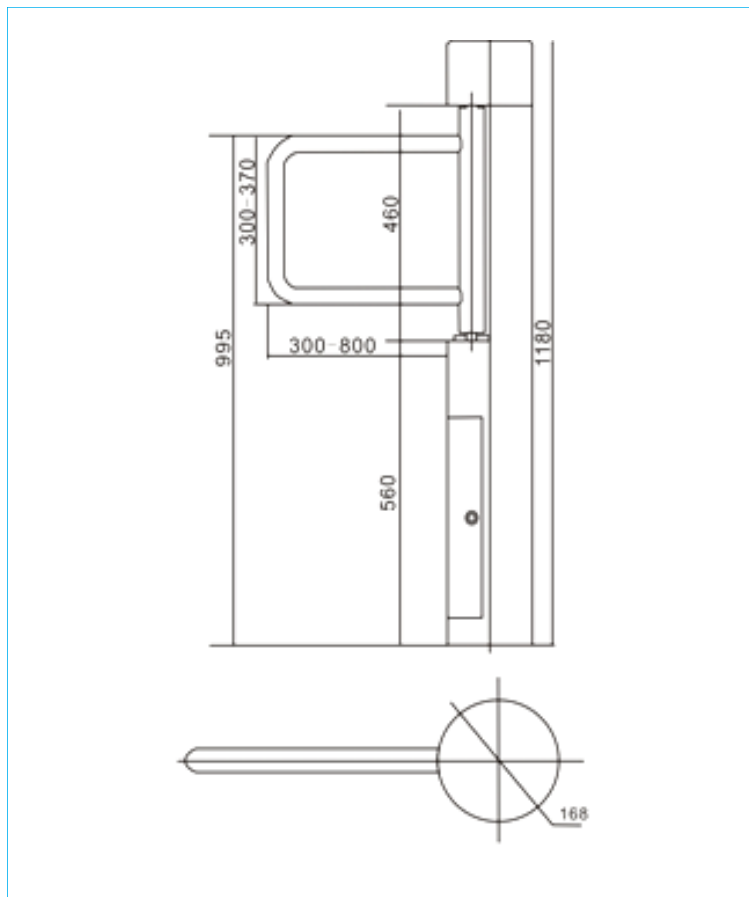
## Sentinel F90 Swing Gate features:

- **Anti-bump:** when the swing arm meets any resistance during the operating cycle it will stop and after a pre set time will return to the closed position. Even small children can stop the gate quite easily.
- **Self-resetting:** if the user does not pass through the gate within a pre-set time the system will re set to the close position.
- **Fail Safe:** in the event of a fire alarm or power failure the gate can be opened automatically, which allows customers a rapid exit from the building.
- **Remote control:** the gate can be controlled by an RS485 input, remote push buttons or radio controls.
- **Bi Directional:** the F 90 can be used for one way or two way traffic.
- **Operating Modes:** locked entry AND exit, trigger from access control in BOTH directions. Locked entry OR exit, trigger from access control in ONE direction.
- Other options such as coin / token collectors and counters are available.

## Technical Specifications

Specification	Sentinel F90 Swing Gate
Dimensions	168 mm dia x 1180 H
Arm	300 - 800 mm
Weight	35kg
Swing Angle	90° in both directions
Voltage	240vac
Motor	24vdc 100 watt
Input signal	Dry Contact, TTL , 12vdc
Communication	RS485
Speed	15 - 20 people/min
Open + Close	Adjustable 1-3 Seconds
Environment	IP 44 waterproof
Temperature	-20°C - 50°C

## Dimensions



Rotech supply all forms of door and gate automation

### Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

### Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

**Fast | Safe | Secure**

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