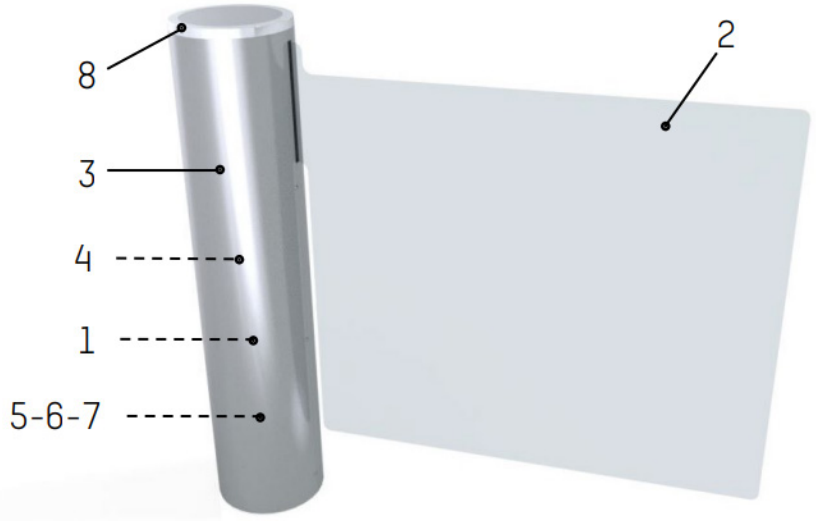


AUTOMATIC SYSTEMS

ACCESS Lane 933
Pedestrian Gate

The AL 933 single swing gate facilitates the passage of people with reduced mobility (wheelchair users, service staff with trolleys, bulky equipment, etc.) as well as the evacuation of the building in case of an emergency.

With its transparent, elegant design and minimal footprint, the AL 933 is designed to integrate perfectly into any architectural style. The AL933 single swing gate offers a high bidirectional throughput.

The AL933 is a modular product that can be used in the following different configurations:.
- Alone facing a wall or a guardrail.
- Facing each other (independent operation),
- Facing each other (simultaneous operation),
- In conjunction with security entrance lanes or turnstiles.

Description

1. Self-supporting kinematic steel frame with RoHS anticorrosion zinc plating treatment. The frame contains the electromechanical drive assembly for the swinging obstacle and the electronic control boards.
2. Clear, 3/8 in (10 mm) thick tempered monolithic glass obstacle, swings in the direction of user passage.
3. Brushed #4 AISI 304L stainless steel housing, folded and welded panels for easy access to the electromechanical and control logic units.
4. Electromechanical drive unit consists of :
   - A DC permanent magnet motor with an epicyclical gearbox.
   - An encoder.
   - A power supply board managed by the control logic unit.
5. Logic control board is equipped with ARM Cortex A8 technology and a Linux operating system, to ensure advanced traffic management. An embedded web server, accessible through a web browser, offers an interface for the configuration of functional gate parameters, as well as a complete diagnostic and maintenance tool. The Maintenance Interface is common to multiple Automatic Systems products and greatly facilitates product maintenance.

Description cont.

6. Transfer of information with the outside world with XMLRPC protocol via an Ethernet interface. The AccessLane can also be controlled from the Smart n' Slim monitoring panel.
7. Transfer of information by dry contacts: passage authorization, passage information, fraud, equipment failure ...
8. Orientation and functional pictograms indicate the gate and passage status to the user.

Common Applications

- Banks and insurance companies
- Government buildings and institutions
- Office buildings
- Head offices
- Administrative sites
- Hospitals and health clinics

Key Features

Power requirement	1A @ 120VAC
Consumption per lane	15 W during operation (<10 W at rest)
Motor	24 VDC - output power 30 W
Passageway (L)	36 in (914 mm)
Min. opening and closing times.	4 sec. (Depending on the access control system security and the speed of users.)
Ambient operating T°	14 to 122° F (110° to +50° C)
Ambient relative humidity in operation	<95%, no condensation.
MCBF	5,000,000 mean cycles between failures, in compliance with recommended maintenance
Sound level	55 dB to 1m
Weight	122 lbs (55 kg) (without obstacle). Obstacles: 46 lbs (21 kg)
IP	44
Certification	As per CAN/CSA SPE-1000

Options

1. High glass option : 47" [1194mm]
2. Monitoring Panel
3. Customized logo on obstacles
4. Custom finishes
5. Raised base

Finishes: Stainless Steel

* For restrictions on options please speak to your sales representative.

Precautions for Use

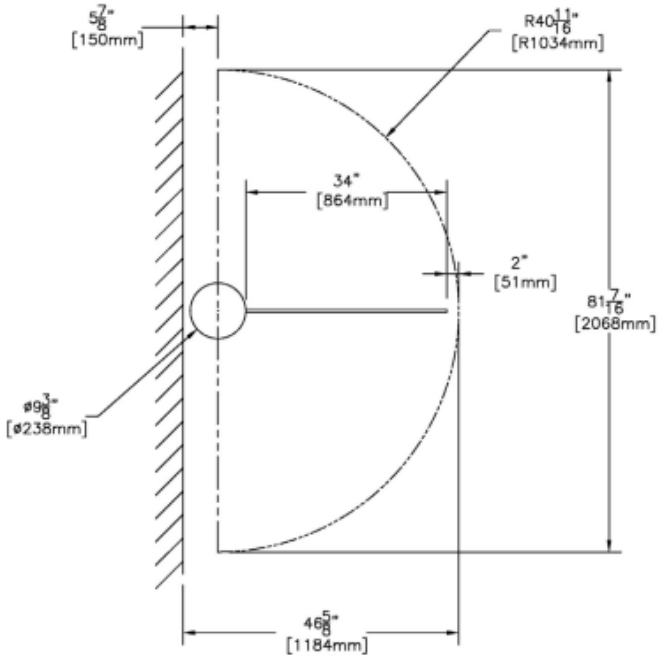
- For security reasons, children (users smaller than 39" tall) must be supervised by an adult at all times when in the vicinity of the unit and during passage through the lane.
- A child must absolutely precede the accompanying adult.

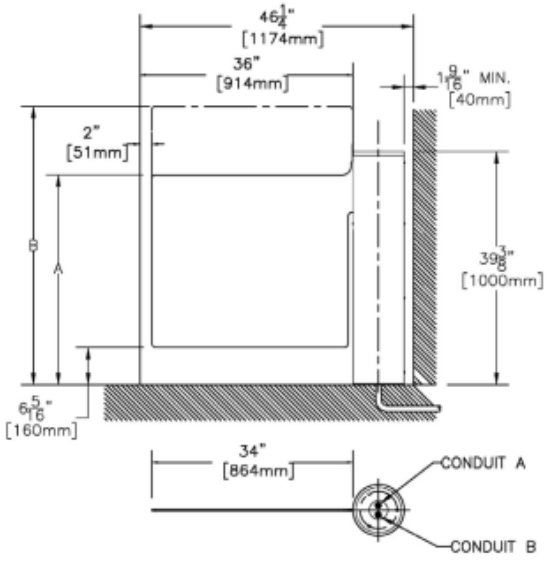
Work to be Provided by Others (Not Supplied)

- Performing the electrical interconnection and connections to the power grid.
- Performing the connections to the access control systems.
- Anchoring the equipment with the appropriate hardware for your floor type.

STANDARD DIMENSIONS (inches/mm)

	OBSTACLE HEIGHT	
A	35 7/16" [900mm]	STD
B	47" [1194mm]	OPT





*With a constant view to adopting the latest technological developments, Automatic Systems reserves the right to amend the above information at any time.