

PEDESTRIAN ENTRANCE CONTROL

PG127 Paddle Gate



SG127 Paddle Gate

PG127 PADDLE GATE

The PG127 double leafed paddle gate provide safe, high speed, bi-directional pedestrian throughput, with an elegant and sophisticated look, essential for today's corporate environment.

SECURITY

6 high level IR detection sensors are used to monitor user progression, security breaches and provide safety.

Gap under obstacles can be monitored by 6 optional low level detection sensors.

Various obstacle highs up to 1200mm.

Standard obstacle material is 10mm thick plexiglass PMMA to reduce the risk of breakage from attacks with hammers.

Electromechanical break to withstand forced entry attempts.

SAFETY

6 high level detection sensors provide user protection;

Low energy impact in the opening and closing cycle;

Manual push in any direction, in the event of a power loss;

Fire alarm input to automatically drive the obstacle open in either direction

Various programable operating modes providing safety over security.

AESTHETICS

Transparent glass side walls;

Minimal footprint.

Discreet card reader integration.

Clear plexiglass obstacles.

Brushed stainless steel finish.

THROUGHPUT

25-30 people per/min, depending on access control and users.

User status pictograms.

User functional pictograms.

Stacking function 0-99.



CONNECTIVITY

Volt free relay inputs;

TCP/IP communication;

Reception touch screen controller;

Reception push button consoles.

RELIABILITY

MCBF of 5 million cycles, with routine maintenance;

Extended manufactures parts warranty for low cost of ownership.



KEY FEATURES

1. Aesthetically and streamlined designed with fastest throughput.
2. Easy to Installation, maintain and service.
3. Open protocol: -
 - Onboard diagnostics, no PC required.
 - Free training for anyone wishing to work on its products (subject to T&C) .
 - End users are not tied to one service provider.
4. Security: -
 - Tailgate detection/alarm.
 - Loitering alarm.
 - Wrong direction of travel alarm.
 - Crawling alarm.
 - Obstacles made from 10mm plexiglass as standard.
5. Safety: -
 - 6 send and receive passage detection and safety sensors in the top rail.
 - 6 optional send and receive enhanced safety detection sensors in the bottom rail.
 - Force limiter.
 - Fire alarm input.
 - Power failure free movement.
6. Standard plexiglass obstacle height 870mm FFL
7. 10mm toughened glass side walls.
8. Standard card reader mounting brackets.
9. Status and functional indicators to advise users whether the lane is in use and whether is safe to pass.



10. Wheelchair / Bulky Item Accessibility - Designed to comply with most international disability regulations such as the UK DDA (Disability Discrimination Act) and the USA ADA (Americans with Disabilities Act) with clear walkway widths up to 900mm wide.
11. Fire Alarm Integration - Each master cabinet requires a separate normally open contact from the fire alarm panel, when activated the obstacle will automatically drive open.
12. Open Commands – Each controlled direction of travel requires a normally open volt free contact closing for not more than 1 second.
13. Hold Open - Each direction of travel can be held open using the open command. A normally closed volt free contact of more than 3 seconds is required to set the lane into hold open mode.
14. Operating Parameters – Twelve configurable operating parameters that can adjust the working mode of the lane and its level of security/ safety.

SG127



OPTIONS

1. Security: -

Output relays to trigger CCTV, lock doors, or give transaction complete signals.

Glass heights up to 1.8m to prevent jumping over.

2. Safety:-

6 low level detection sensors providing increase safety of large items, small children and increased security.

3. Obstacle Height - Standard options

1.2mt, other heights available from 870 to 1200mm on request.

4. Obstacle Width - Standard options

600mm and 900mm other widths available from 500mm to 900mm on request.

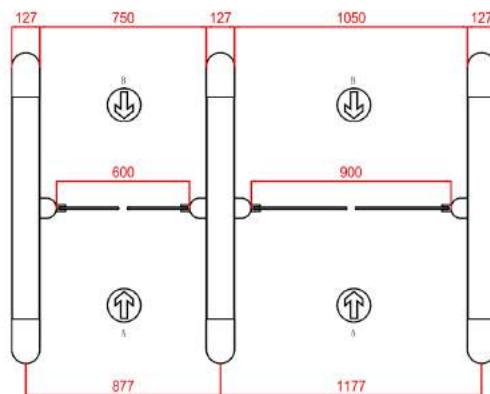
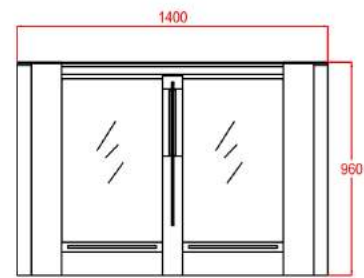
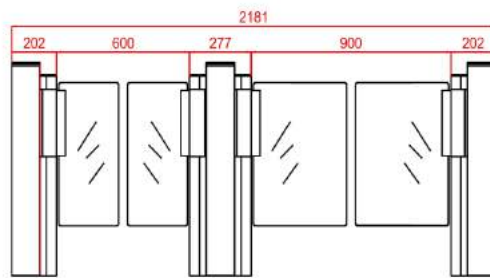
5. Free standing surface plinth to reduce civils' and speed installation;

6. Various cabinet colours.

7. Drilling templates for a speedy and more accurate installation.

8. Reception touch screen console and engraved push button console.

9. Safety signs.



SG127

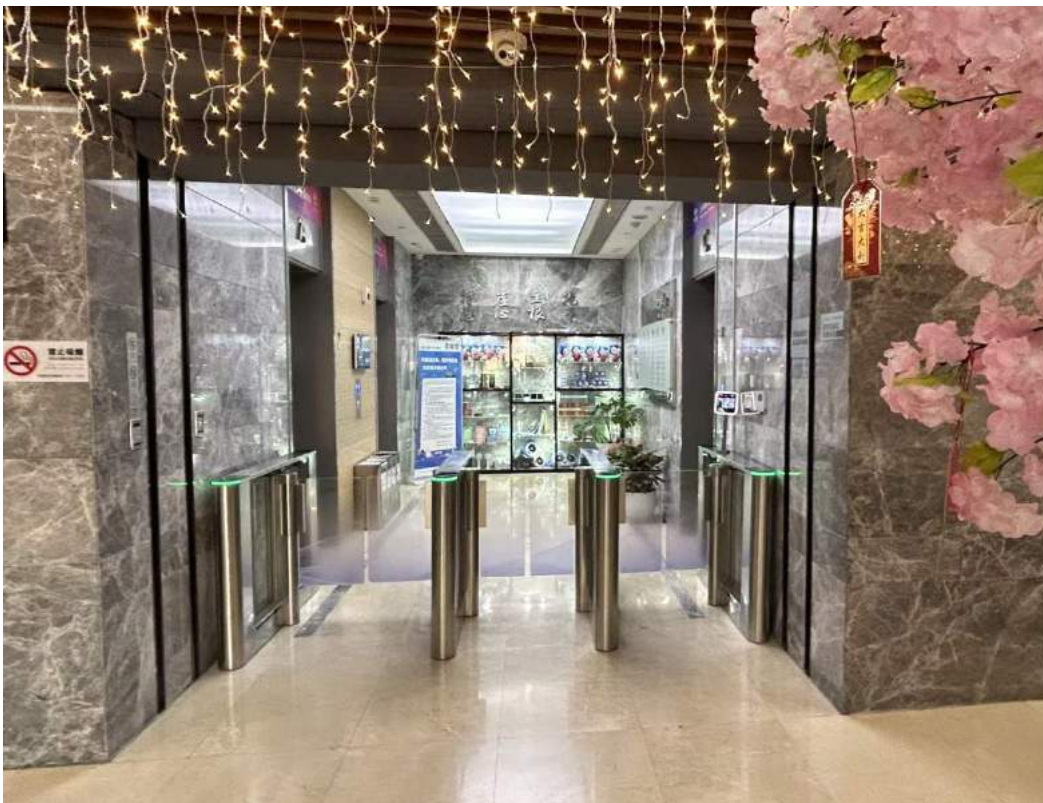


ORDERING INFORMATION

Each cabinet is supplied with:-

- 10mm Plexiglass PMMA arm H870mm.
- Cabinet L1400 x W202 x H980.
- 16 detection sensors.
- 12 months warranty.

SG127 L	W600 Double Leaf Walkway, L/H cabinet (Slave).	Data Sheet
SG127 M	W600 Double Leaf Walkway, Middle cabinet (Master/Slave).	
SG127 R	W600 Double Leaf Walkway, R/H cabinet (Master).	
SG127 L	W900 Double Leaf Walkway, L/H cabinet (Slave).	Data Sheet
SG127 M	W900 Double Leaf Walkway, Middle cabinet (Master/Slave).	
SG127 R	W900 Double Leaf Walkway, R/H cabinet (Master).	



Photos and information in this brochure are for reference only and may not reflect the actual product. Our brochures and product are subject to change without notice.

SG127



PG127 W600

DATA SHEET

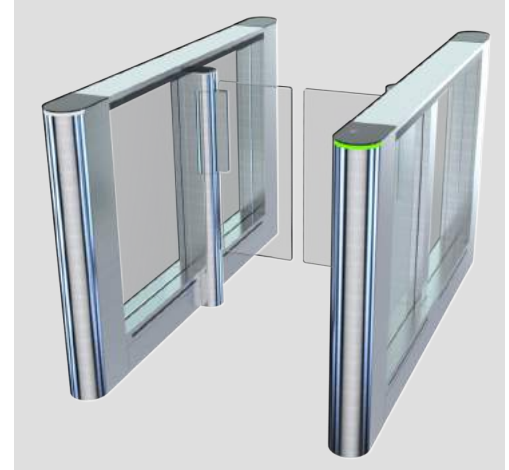
DESCRIPTION

The PG127 is a double leaf obstacle gate with a 600mm wide walkway which can be used in conjunction with the PG127 W900.

It provides safe, high speed, bi-directional pedestrian throughput, with an elegant and sophisticated look, essential for today's corporate environment.

STANDARD FEATURES

1. Cabinet frame: Steel frame with RoHS anti-corrosion zinc plating treatment.
2. Cabinet outer: Brushed AISI 304L stainless steel, 220g.
3. Detection photocells: 6 transmit reflect detection sensors high level.
4. Main column: Containing the DC motor and gearbox, a geared electromagnetic brake for locking the obstacles in the event of forced entry.
5. Obstacle: Clear plexiglass PMMA arm 870mm high, 10mm thick.
6. Open Commands: Normally open volt free contacts, closing for not more than 1 second.
7. Hold open: Normally open volt free contacts, closing for more than 3 second.
8. Fire Input: Normally open volt free contacts, closing for more than 3 second.
9. Outputs: Three transistor outputs, two for passage complete or counters and one for fraud alarms.
10. Output: RS232 protocol.
11. Status and function pictograms: Indicating fraud, lane and passage status to the user.
12. Front access panel: Housing, TD controller, PSU and isolation switch.
13. Side walls: Clear 10 mm toughened glass.

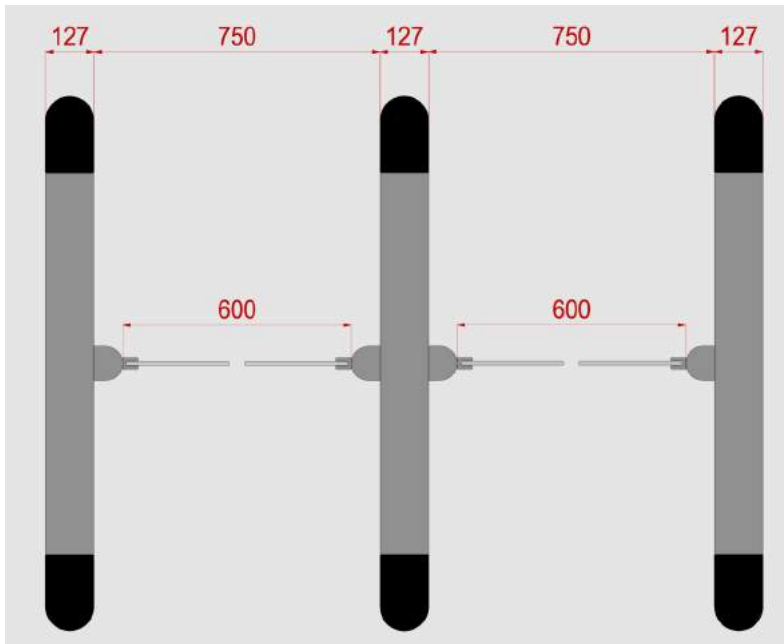


CABINET TYPES

SG127 L

SG127 M

SG127 R



SG127 L = Slave Cabinet.

SG127 M = Master and Slave Cabinet.

SG127 R=Master Cabinet.

USERS SAFETY

SAFE	CAUTION	CAUTION	CAUTION	CAUTION

DANGER	DANGER	DANGER	DANGER	DANGER	USE SG127 W900	USE PG303

If regular use by user types with the risk classification of caution or danger is anticipated, than we recommend that the optional detection sensors are fitted, all parameters are set to the optimum level of protection and additional safety signage may be required.

PG127 W600



PG127 W600

TECHNICAL CHARACTERISTICS

Electrical supply	Single phase 100-240 Vac (+/- 10%), 180W, 50/60Hz + Ground
Power consumption	Standby - 5W, Cycle - 35W, Peak - 40W
Motor and Gearbox	24Vdc motor with planetary gearbox.
Min opening or closing times	0.5s (Depending on access control reactivity and speed of the user)
Ambient operating Temperature	0 to +60 Deg C.
Ambient relative humidity in operation	5 to 95%, no condensation.
MTBF	5 Million cycles, with recommended maintenance.
Sound level	55dB from 1m away
Weight	62Kg (per Left/right unit), 91 kg (per middle unit)
Warranty	12 months for date of supply—24 to 48 months extended parts warranty available at time of purchase, subject to
Conforms to:- CE, UKAC	

OPTIONS

Obstacles made from 8 mm thick toughened glass.

Plexiglass heights: 1200mm.

Toughened glass heights: 870 and 1200mm.

Bespoke plexiglass or toughened glass heights and widths;

6 additional low level safety and security detection sensors;

Bespoke brackets for internal or external reader and lift displays integration.

Customised logo on obstacles self adhesive or laser etched.

Surface plinths for marble floors or under floor heating.

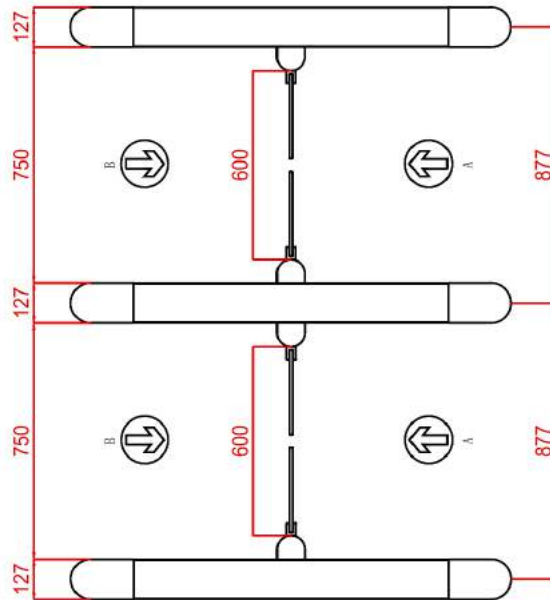
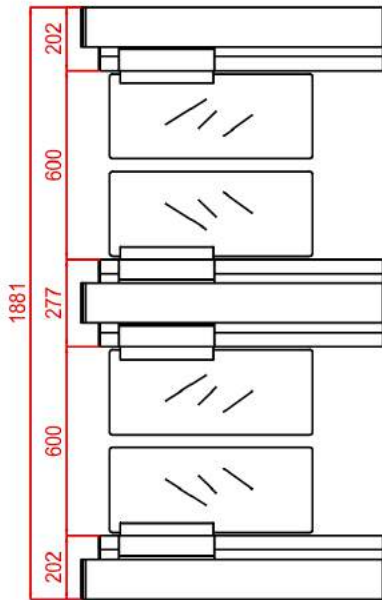
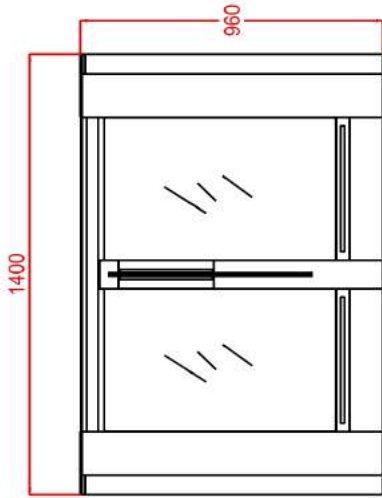
Drilling templates.

Numerous heat treated cabinet colours.

Reception control consoles.



DIMENSIONS



PG127 W600



PG127 W900

DATA SHEET

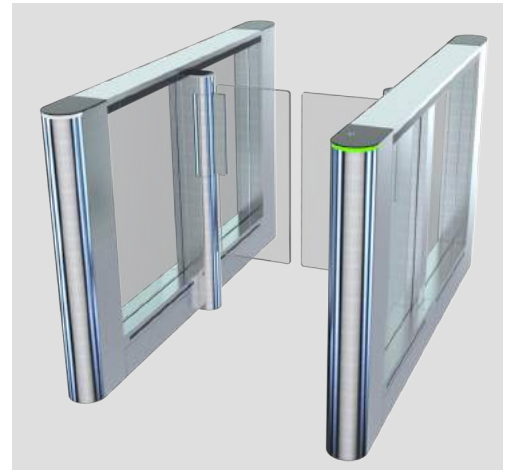
DESCRIPTION

The PG127 is a double leaf obstacle gate with a 900mm wide walkway which can be used in conjunction with the PG127 W600.

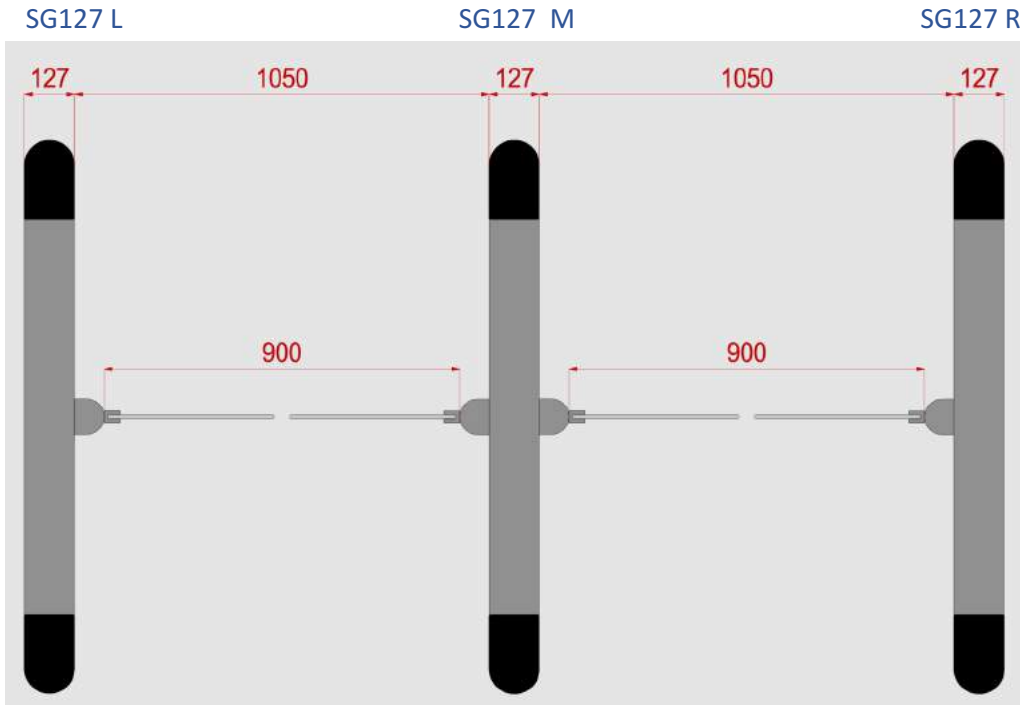
It provides safe, high speed, bi-directional pedestrian throughput, with an elegant and sophisticated look, essential for today's corporate environment.

STANDARD FEATURES

1. Cabinet frame: Steel frame with RoHS anti-corrosion zinc plating treatment.
2. Cabinet outer: Brushed AISI 304L stainless steel, 220g.
3. Detection photocells: 6 transmit reflect detection sensors high level.
4. Main column: Containing the DC motor and gearbox, a geared electromagnetic brake for locking the obstacles in the event of forced entry.
5. Obstacle: Clear plexiglass PMMA arm 870mm high, 10mm thick.
6. Open Commands: Normally open volt free contacts, closing for not more than 1 second.
7. Hold open: Normally open volt free contacts, closing for more than 3 second.
8. Fire Input: Normally open volt free contacts, closing for more than 3 second.
9. Outputs: Three transistor outputs, two for passage complete or counters and one for fraud alarms.
10. Output: RS232 protocol.
11. Status and function pictograms: Indicating fraud, lane and passage status to the user.
12. Front access panel: Housing, TD controller, PSU and isolation switch.
13. Side walls: Clear 10 mm toughened glass.



W900 CABINET TYPES



SG127 L = Slave Cabinet.

SG127 M = Master and Slave Cabinet.

SG127 R=Master Cabinet.

USERS SAFETY

SAFE	CAUTION	CAUTION	CAUTION	CAUTION

DANGER	DANGER	DANGER	DANGER	DANGER	DANGER	USE PG300

If regular use by user types with the risk classification of caution or danger is anticipated, than we recommend that the optional detection sensors are fitted, all parameters are set to the optimum level of protection and additional safety signage may be required.



TECHNICAL CHARACTERISTICS

Electrical supply	Single phase 100-240 Vac (+/- 10%), 180W, 50/60Hz + Ground
Power consumption	Standby - 5W, Cycle - 35W, Peak - 40W
Motor and Gearbox	24Vdc motor with planetary gearbox.
Min opening or closing times	0.5s (Depending on access control reactivity and speed of the user)
Ambient operating Temperature	0 to +60 Deg C.
Ambient relative humidity in operation	5 to 95%, no condensation.
MTBF	5 Million cycles, with recommended maintenance.
Sound level	55dB from 1m away
Weight	62Kg (per Left/right unit), 91 kg (per middle unit)
Warranty	12 months for date of supply—24 to 48 months extended parts warranty available at time of purchase, subject to
Conforms to:- CE, UKAC	

OPTIONS

Obstacles made from 8 mm thick toughened glass.
 Plexiglass heights: 1200mm.
 Toughened glass heights: 870 and 1200mm.
 Bespoke plexiglass or toughened glass heights and widths;
 6 additional low level safety and security detection sensors;

Bespoke brackets for internal or external reader and lift displays integration.

Customised logo on obstacles self adhesive or laser etched.

Surface plinths for marble floors or under floor heating.

Drilling templates.

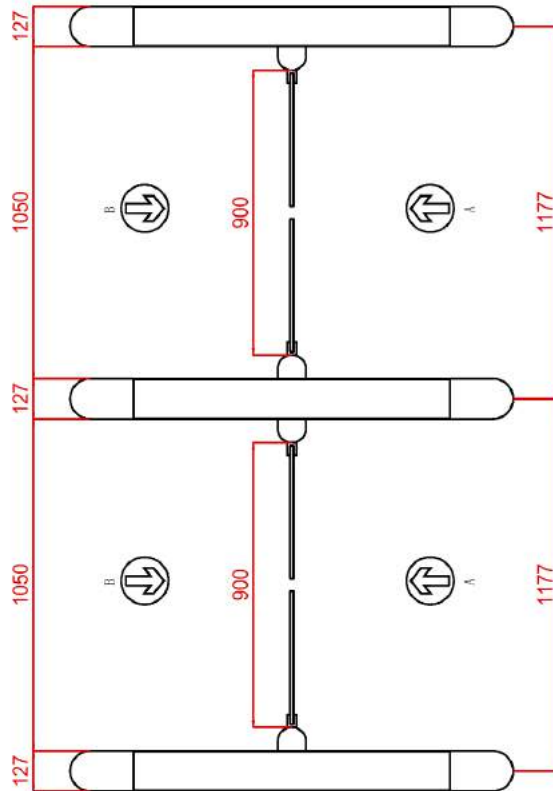
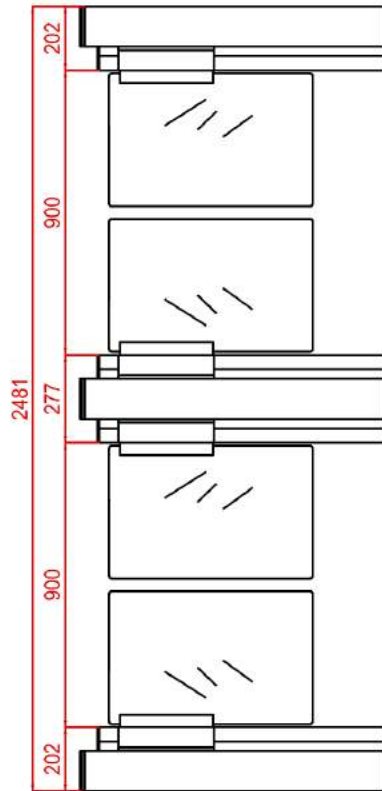
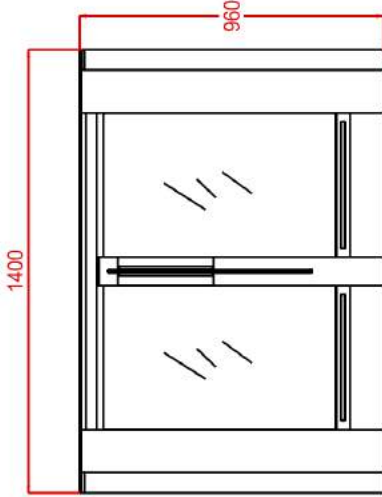
Numerous heat treated cabinet colours.

Reception control consoles.

PG127 W900



DIMENSIONS



PG127 W900

