ADIS AUTOMATIC DOORS

Leading Automatic Door Technology in Australia

NGC CAVITY DOOR

Heavy Duty Automatic Operators for Cavity Door Systems

Scan Code for inquiry

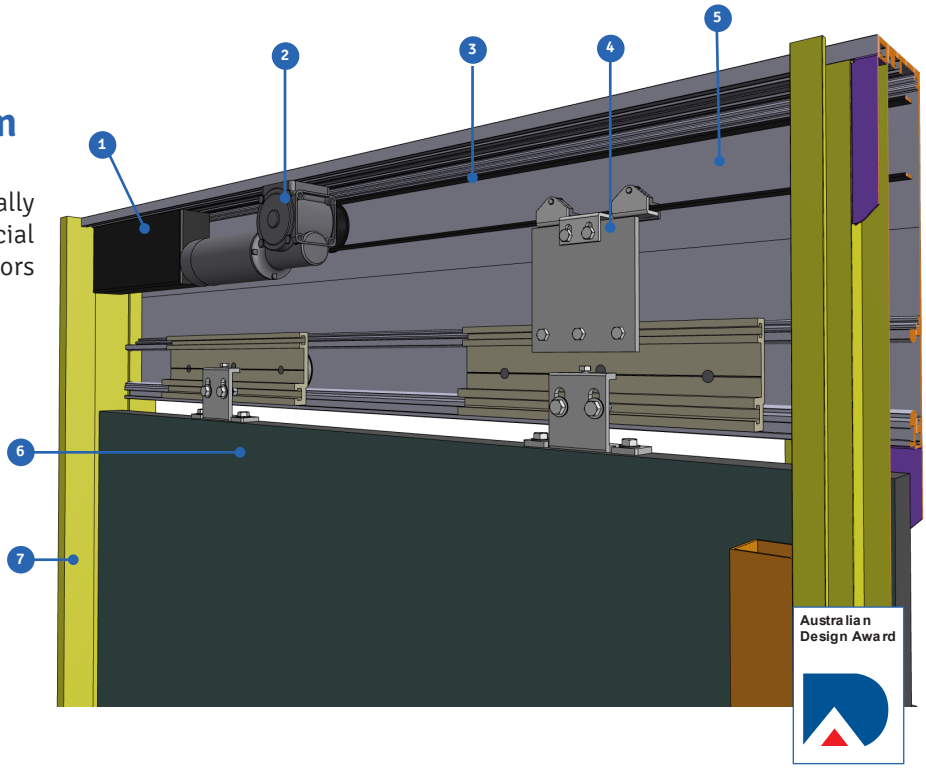
STRONGER, QUIETER , COMPACT

NGC

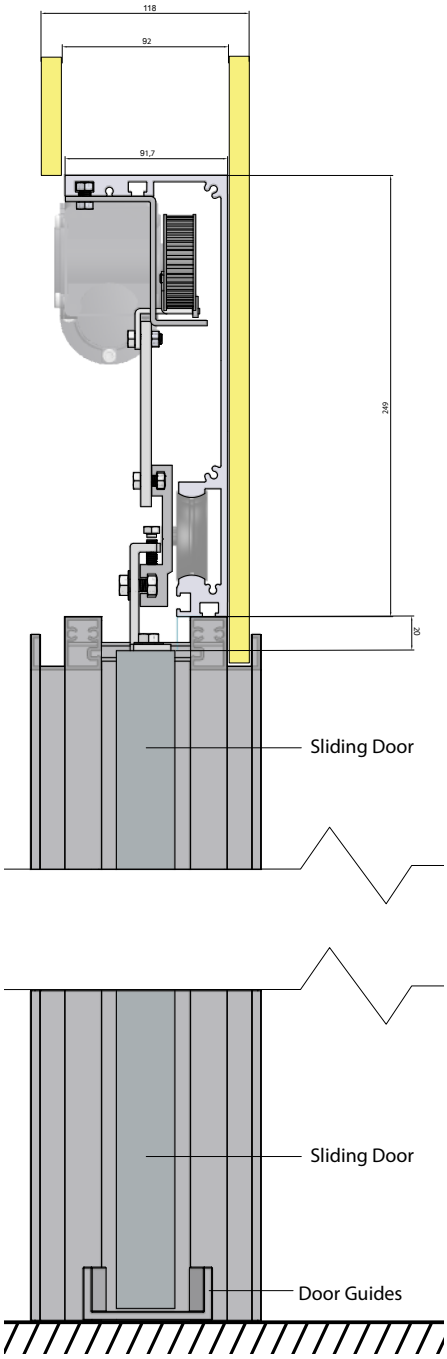
Cavity Door Operating System

The NGC Cavity Slide System is specifically engineered to meet the demands of commercial settings, offering a seamless integration of doors into wall cavities.

1. ADIS digital microprocessor controlled drive module.
2. Motor with locking system
3. High tension reinforced fiber toothed belt for quiet operation and maximum performance.
4. Six heavy duty concave track wheels per door.
5. Aluminum Extrusion
6. Sliding Door
7. Door Jamb



Australian Design Award



This comprehensive system comprises a door frame, cavity carcass frame tailored to accommodate 13mm gyprock sheets, a track, and an NG series automatic door operator.

Designed with compliance in mind, the NGC Cavity Slide adheres to the requirements outlined in the Building Codes for automatic doors. Leveraging the latest advancements in technology developed through years of research and applied in our NGA and NGF door operators, this system guarantees optimal performance and reliability.

Tailored to suit your specific needs, the NGC Cavity Slide can be customized as a single sliding or bi-parting configuration, with or without the inclusion of doors. Furthermore, you have the flexibility to choose between assembled units or knocked down kits, providing convenience for transportation, particularly in situations where elevator access is necessary.

For added versatility, the system offers a range of door options, including timber, frameless glass, aluminium-framed, and custom-built varieties. Your safety is our priority, which is why the NGC Cavity Slide incorporates essential features such as auto-reversing capability in the event of an obstruction and an overhead-mounted presence sensor to detect individuals in the doorway.

Operation

The Automatic Door Operator is a full electric drive, housed in an extruded aluminium low profile transom section (Height 132mm x Width 155mm) is Australian made by an Australian owned company, complies to AS4085-1992, has a class 3 rating, to suit bi-parting or single sliding doors.

The equipment incorporates an electronic DC Motor with a built-in optical sensor for precise movement, high torque and a maintenance-free life.

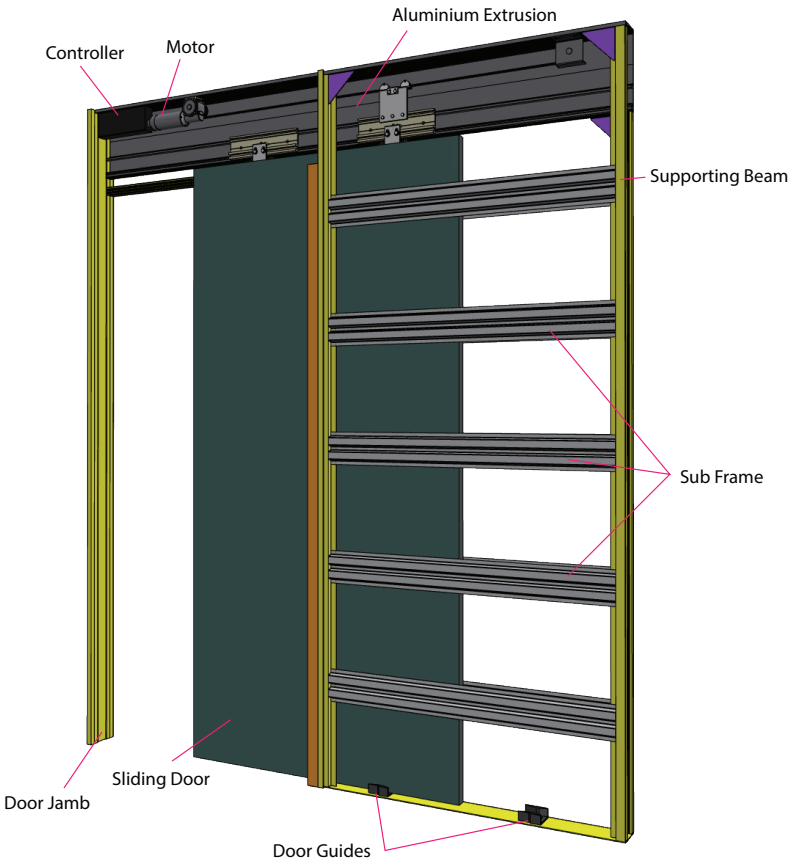
Advanced Technology

ADIS utilizes the latest in digital microprocessor technology, giving the control unit multiple programmable modes including: - provision to interface with building security system, monitoring the doors position and locks status, built-in battery.

The microprocessor operating parameters can be adjusted to accommodate various

climatic conditions and specific site requirements in relation to speed, braking etc. Safety is a priority: The ADIS microprocessor will automatically reverse operation while the door is closing, should the doors be obstructed. Active infrared safety sensors are included to focus across the doorway to halt and open the doors immediately upon the sensor detecting an obstruction. The multifunctional microprocessor control unit shall feature the following:

- Self-calibrating and programmable modes
- Fully compensates door weight and friction, therefore, delivering the optimum force for efficient operation
- Provision for full interfacing with building security/ alarm systems
- Open speed control
- Closing speed control
- Brake control: preventing the doors from slamming shut
- End position-damping control for the accurate slow down of door movement
- Optional built-in UPS (uninterrupted power supply) for the continued operation of the door under power failure.

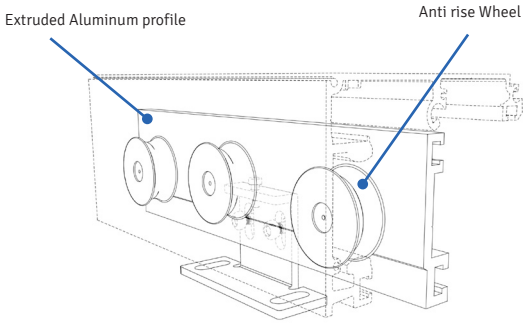


Quiet Operation

The tracking system is a dual linear track designed for accuracy and long service life fitted with anti rise wheels with no possibility of doors disengaging off tracks. The upper track is made of harder and stronger alloy and is replaceable.

Functions

The following functions can be selected through your wall-mounted key switch or options board:



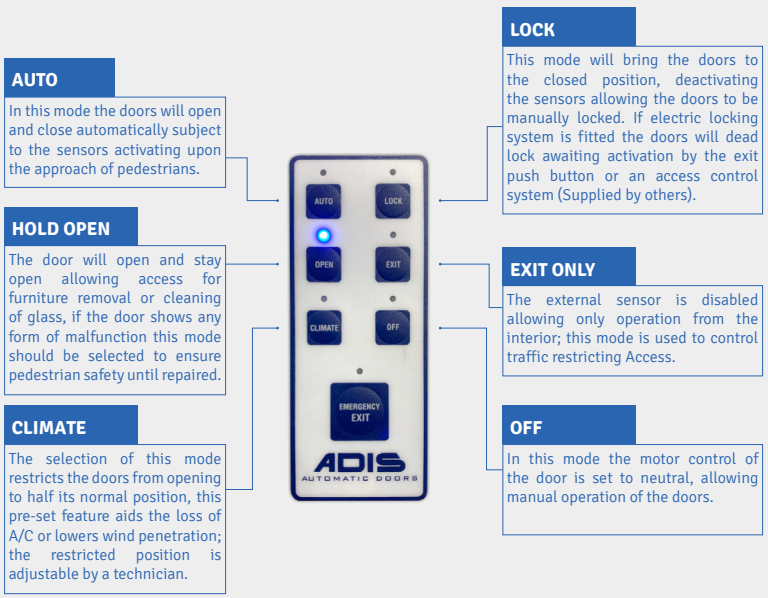
Safety is a priority

The ADIS microprocessor will automatically reverse operation while the door is closing, should the doors be obstructed. Active infrared safety sensors are included to focus across the doorway to halt and open the doors immediately upon the sensor detecting an obstruction. Sensitivity setting is programmable.

High Security Locking

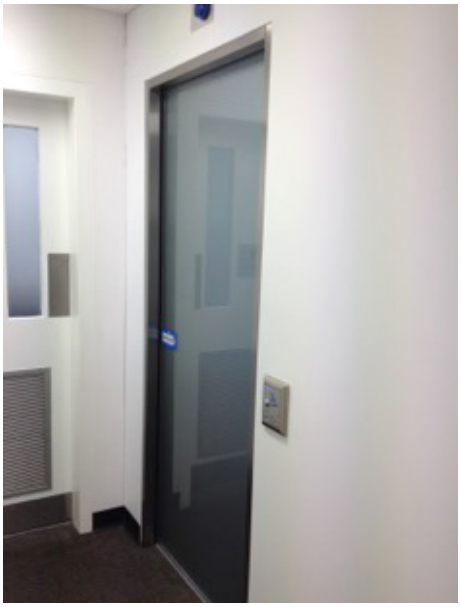
Electric lock option is Standard giving total security and can be adapted where manual locking can not be achieved, i.e. frame-less toughened glass doors.

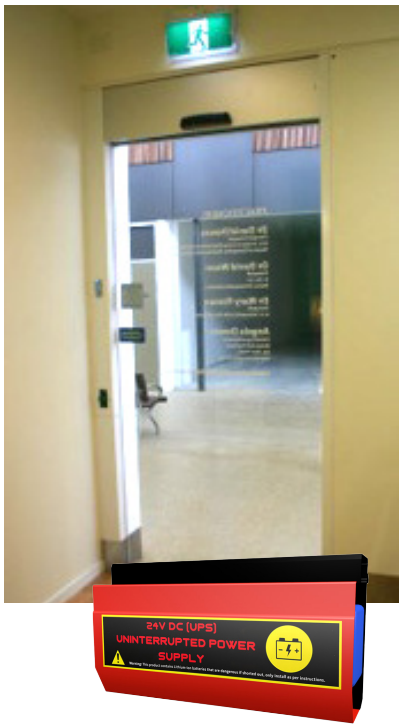
The microprocessor monitors all aspects of the locks functions e.g. to ensure the door is fully closed when the lock is engaged.



Features

- Proven reliable NGC Automatic door operating system NATA tested to comply with Australian Standard 5007
- Choice of activation devices to open the door including sensors, push buttons, proximity readers and card readers.
- In built fail-safe system to comply with Building regulation
- Aluminium subframe to support the wall and track.
- Single or Bi-parting configuration
- Fully assembled or supplied in knocked down kit for ease of transport in a elevator.
- Nation wide service team back up.





Lithium-ion Battery UPS

The UPS optional extra deliverers performance 4 times that of standard lead acid batteries, this system can deliver in excess of 800 door cycles or 28 hours of operation after a power failure.

Back Up Service

- Fully qualified technicians to meet our high standard of company service.
- A complete 24 hour, 7 days a week, ongoing preventive maintenance service in Australian capital cities.
- Extensive nationwide service network via our 1800 number and service agents.

ADIS Secure Mode Key Switch (Optional)

Introducing the advanced ADIS Secure Mode Key Switch, a sophisticated hard-wired security system offering a range of functions to ensure optimal security and convenience. With its Auto, Lock, Exit, Open, and Climate modes, this innovative device seamlessly combines the capabilities of both the Locking Key and the Mode Pad into a single, streamlined solution.

Experience enhanced efficiency and effectiveness in managing your security needs with the versatile ADIS Secure Mode Key Switch.

Compare ADIS Advantages

- NATA tested with 300kg doors to comply with Australian Standards
- ADIS is Australian owned and Australian manufactured.
- Slim line modern design that suits the thickness of a standard wall.
- Aluminium sub-frame for side panels and door jambs.
- Compact modular design of motor drive system.
- Latest digital microprocessor controller to gain more exact control of the door operator.
- Provision to interface with building security and fire systems.
- Over engineered to take total door weights of up to 300Kg (max single leaf door weight of 150 Kg).
- No exposed wiring due to concealed wiring system.
- UPS Lithium (Uninterrupted Power Supply) can allow doors to continue to operate under a power failure. This optional extra allows the ADIS NG operator to work 800 cycles or 28hours after disruption
- Improved multiple safety features to ensure maximum user safety.
- High security electric motor locking system with battery reserve back up.
- Zone activation sensor system that uses latest presence detection technology to improve overall safety.

Technical specifications

Opening width maximum single slide	2000 mm
Opening width maximum bi-parter	3000 mm
Operator length up to	6000 mm
Total combined weight for bi-parting doors	300 Kg
Door weight per leaf	150 Kg
Opening speed per double leaf variable	25-1300 mm/sec
Closing speed per double leaf variable	25-1300 mm/sec
Door open dwell time, variable	0-60 sec
Manual opening/ closing force	<30 N
Operator size height/depth	280mm / 92mm
Fail safe	Yes
High security electric locking	Optional
Lock every cycle option when motor lock use	Yes
Press closed function	Yes
Climate control (reduced opening) function	Yes
Noise attenuation	32 db
Keypad control	Yes
Safety stop	Yes
Safety return	Yes
Safety beam shut off when closed	Yes
Fire alarm activation	Yes
Chime Outlet	Yes
Exit only function	Yes
Battery Backup	Yes
UPS Lithium in all conditions	Optional
Closed positional signal	Yes
Operator monitor signal	Yes
Open positional signal	Yes
Memory setting retained without power	Yes
Operating Power	24 Volts
Appliance Rating	40 Watts
Power supply	240V/10Amp
4Kva power surge suppression	Yes

OVER 30 YEARS IN BUSINESS

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Housing & Construction AWARDS 2016 REGIONAL WINNER

ADIS AUTOMATIC DOORS

3/413 Victoria Street - Wetherill Park NSW 2164 Australia - Phone: +612 9757 4600 - Fax: +612 9757 4233
TOLL FREE Phone: 1800 600 602 - Toll Free Fax: 1300 ADIS FAX
Email: info@autodoors.com.au

Visit our website:
www.autodoors.com.au