



ADIS Automatic Doors is a Trading Name of Cyberdoor Systems P/L
AUSTRALIAN OWNED — AUSTRALIAN MANUFACTURED

Address: Unit 3,413 Victoria Street, Wetherill Park NSW | Website: www.autodoors.com.au

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TO SPECIFY OUR PRODUCT IN YOUR PROJECT ARCHITECTURAL SPECIFICATIONS FOR NGU-F HEAVY DUTY AUTOMATIC DOOR OPERATOR FOR FRAMELESS GLASS SLIDING DOORS

OPERATION: The Automatic Door Operator is to be a fully electric operator, housed in an extruded aluminum low profile transom section (Height 73mm x Width 147mm) the unit shall be Australian made by an Australian owned company, must comply to AS5007-2007, to suit bi-parting or single sliding doors.

- a) The equipment will incorporate electronic computerized DC Motor with built-in optical sensor for precise movement, high torque for a maintenance free life.
- b) The pelmet shall incorporate an integrated and interlocking hinge for secure closure and maximum cover. The design shall enable the operator to be fitted flush to the ceiling when required, while the pelmet may be opened fully or removed for access.
- c) 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
 - Independent circuits for pressing closed at the end of the closing stroke
 - Provision for full interfacing with all types of building security/alarm systems
 - Open speed control
 - Closing speed control
 - Brake control: preventing the doors from slamming shut
 - End position-damping control for accurate slow down of door movement
 - Built-in UPS (uninterrupted power supply) for continued operation of door under power failure.
- d) The tracking system is to be 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 shall be made of harder and stronger alloy and be replaceable. Each track wheel is fitted with track wipers to maintain clean contact.
- e) Safety feature: Moving doors will automatically reverse when closing if obstructed.
- f) During a power failure or emergency the Failsafe device will fully open the doors unless the doors are in the lock mode where as the doors will remain closed and secure until power is restored, egress via the doors can be made by activation of the exit push button.
- g) Provision for climate control shall be available. Door opening can be restricted from 50% of normal door operation during high winds or low traffic situations.
- h) Dual sets of sun resistant P.E. light cells flush mounted in the door jambs will prevent doors from closing if the threshold area is obstructed. Fitting of P.E. light cells will be at 150mm and 600mm from finished floor level. Alternately the door can be made safe by the use of a safety presence sensor mounted above the door head with a activation area of no more 100mm from the face of the door.
- i) Door drive shall be by way of toothed belt reinforced with fiberglass tensile members, will incorporate nylon facing surface for pulley tooth protection, for silent and service free operation.



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ACTUATION: shall be one of the following:

- Microwave sensors
- Microwave and presence detector 2 in 1 sensor
- Passive infra red sensors
- Wall mounted wave sensors
- Passive infra red sensors
- Remote control transmitters
- Key card systems
- Numeric pin access control

FUNCTIONS: following functions are to be selectable through a wall mounted key switch:

- Auto: Doors are operated automatically via the movement sensors.
- Open: Doors maintained in open position continuously.
- Exit: Doors remain closed activated only by exiting traffic.
- Lock: Doors remain closed and locked where optional electric lock function has been installed. Exit by way of emergency exit button.

LOCKING: Electromechanical

An electric lock option is available to give total security and can be adapted where manual locking can not be achieved, i.e. Frameless toughened Glass Doors. Lock type is the microprocessor controlled electric locking system. The microprocessor monitors all aspects of the locks functions; e.g. To ensure the door is fully closed when the lock is 100% engaged. Terminal outputs are available to signal to security systems both door position and lock status. The microprocessor is also self diagnosing.

OTHER:

Maximum opening width.....4000 mm
 Maximum door weight.....240 kg
 Opening speed, variable.....250-1200 mm/sec
 Closing speed, variable.....50-600 mm/sec
 Door open dwell time.....0-30 sec
 Manual opening/closing force..... < 30 N

INSTALLATION:

The operator shall be installed by the manufacturer or the authorized service agent.

WARRANTY:

All ADIS units are covered by a 3-year parts warranty and a 12 month labour warranty, an extended warranty plan is available through an optional maintenance agreement.

PROPRIETARY ITEM: NGU system

MANUFACTURER: (Head Office) ADIS AUTOMATIC DOORS

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