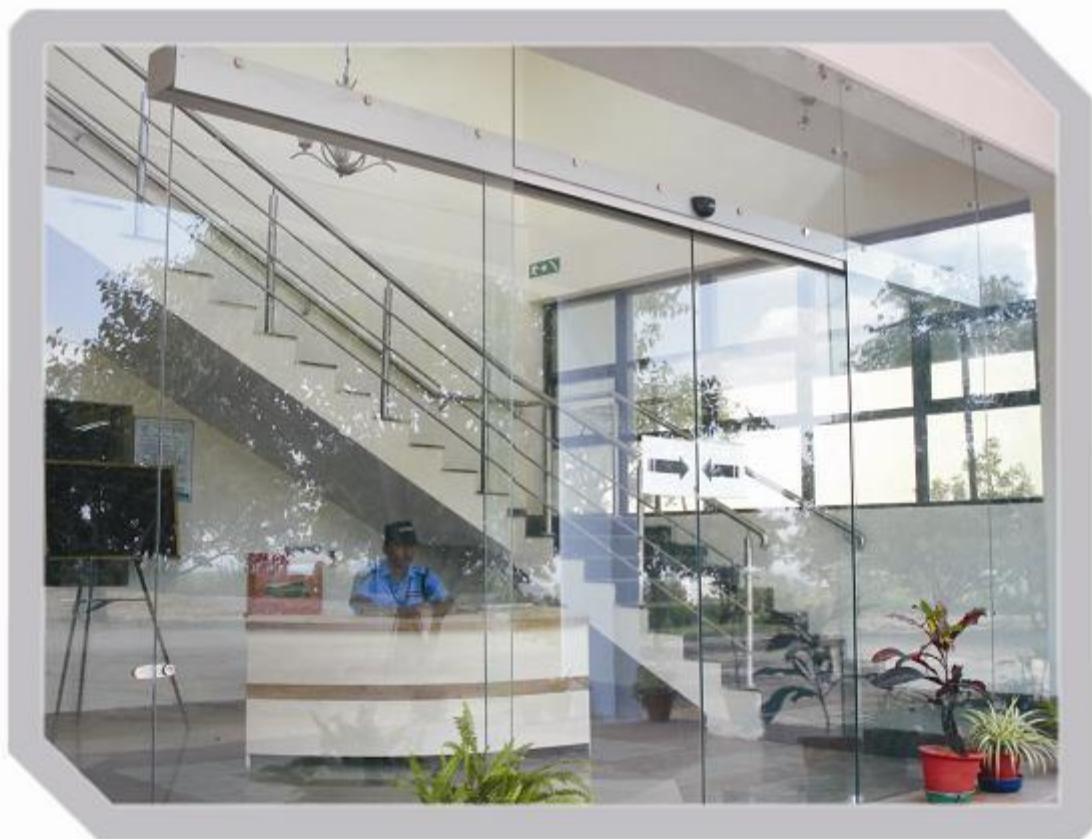


  
SAINT-GOBAIN  
GRINDWELL NORTON LTD.

INTRODUCES

**NEW GENERATION SERIES**  
**HEAVY DUTY AUTOMATIC DOOR OPERATORS**



➤ **STRONGER**   ➤ **QUIETER**   ➤ **COMPACT**

## FRAMED AND FRAMELESS GLASS AUTOMATIC DOORS



### FEATURES

- Slim line Modern Design
- Energy Efficient
- Designed for New Standards
- Quiet Operation
- Compact Modular Motor Design
- High Security Locking - Optional
- No Exposed Wiring
- Australian Made





## QUIET OPERATION

Tracking system is dual linear, which is designed for high security and long life service. The carriage assemblies are fitted with unique track wheels that eliminates the possibility of the doors disengagement from the track.

## ADVANCED TECHNOLOGY

Utilizes the latest in digital microprocessor technology, giving the control unit multiple programmable modes including : provision to interface with building security systems, monitoring the doors position status, build-in UPS. 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 microprocessor will automatically reverse operation in both opening and closing should the doors be obstructed, Photo electric safety light cells mounted to focus across the doorway will halt operation immediately upon beam interruption.

## PROGRAMMABLE

Optional remote monitoring and control system (MACS) to check door status or make operational adjustments.



## PELMET HINGE

The pelmet design features a unique interlocking hinge to provide secure closure and maximum cover even when mounted hard up against the ceiling



## HIGH SECURITY LOCKING

The New Generation Series operators utilizes a purpose build motor which includes an electric locking system to ensure that the doors can be securely fixed in any position. This method of locking ensures the highest level of security.

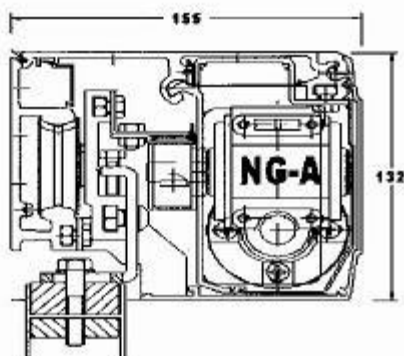


## ADVANTAGES

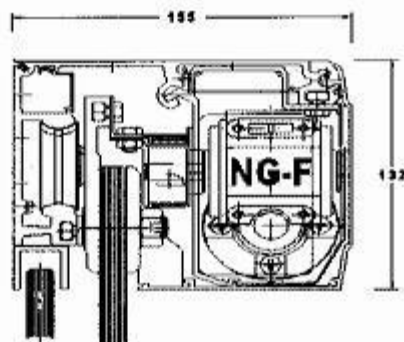
- Slim-line modern design only 132 mm in overall track height. Compact modular design of motor drive system.
- Latest digital microprocessor controller to gain more exact control of the door operator. Provision to interface with building security systems.
- Over engineered to take door weights of 250 Kg (average door weights are 120 Kg total).
- The main transom housing is hard coated anodized to give smooth operation of the exclusive dual track system.
- No exposed wiring due to concealed wiring system.
- Build-in UPS (Uninterrupted Power Supply) can allow doors to continue to operate under a power failure.
- Improved safety features to ensure maximum user safety. High security electric locking option available.
- Zone activation sensor that uses latest presence detection technology to improve overall safety.
- Unique interlocking cover pelmet which prevents any chances of pelmet cover dislodging from the main track system. An added safety feature.

## BACK UP SERVICE

- Fully qualified technicians to meet our high standard of company service.
- Extensive nationwide service network.



NG-A Aluminium Framed Glass Door



NG-F Frameless Glass Door

## TECHNICAL SPECIFICATIONS

Opening width maximum	40000 mm	Keypad control	Optional
Operator length up to	80000 mm	Safety stop	Yes
Total door weight	250 Kg	Safety return	Yes
Door weight per leaf	125 Kg	Safety beam shut-off when closed	Optional
Opening speed per double leaf variable	25-1300 mm/sec	Fire alarm activation	Yes
Closing speed per double leaf variable	25-1300 mm/sec	Chime outlet	Yes
Door open dwell time, variable	0-60 sec	Exit only function	Yes
Manual opening / closing force	<30 N	Power failure back up, cycle available	Optional
Operator size height / depth	132 mm / 155mm	High security electric locking	Optional
Fail safe / fail secure	Yes / Yes	Locked / unlocked signal	Yes
Airlock function	Yes	Open closed positional signal	Yes
Press-closed function	Yes	Memory setting retained without power	Yes
Climate control (reduced opening) function	Yes	Power supply	240 V/ 10Amp
Noise attenuation	32 db	Solar power operation	Optional
Blue tooth operation	Optional		
GSM control	Optional		



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