

# RAPID AUTO ROLL DOOR



A high speed door designed to be **AUTOMATICALLY** back into operation **WITHIN SECONDS** of accidental impact.



*doors with intelligence*

# SERIES 4000

# DESIGN APPLICATIONS



*Large doors in exposed environments*



*Combinations of clear sections to suit any application*



*Special designs for freezers operating at - 30°C*



Rapid Auto Roll Doors can offer highly efficient solutions against such problems as noise, dust, temperature or vermin. Due to their fast action and tight seal, they significantly reduce costs of energy, personnel and quality control issues.

DMF International has been at the forefront of the Rapid Roll door industry for many years, and is Australia's largest exporter of this type of door. With full engineering design and manufacturing facilities, DMF has the capabilities to produce the right solution for your application.



**Stainless steel framing for special clinical or laboratory conditions**

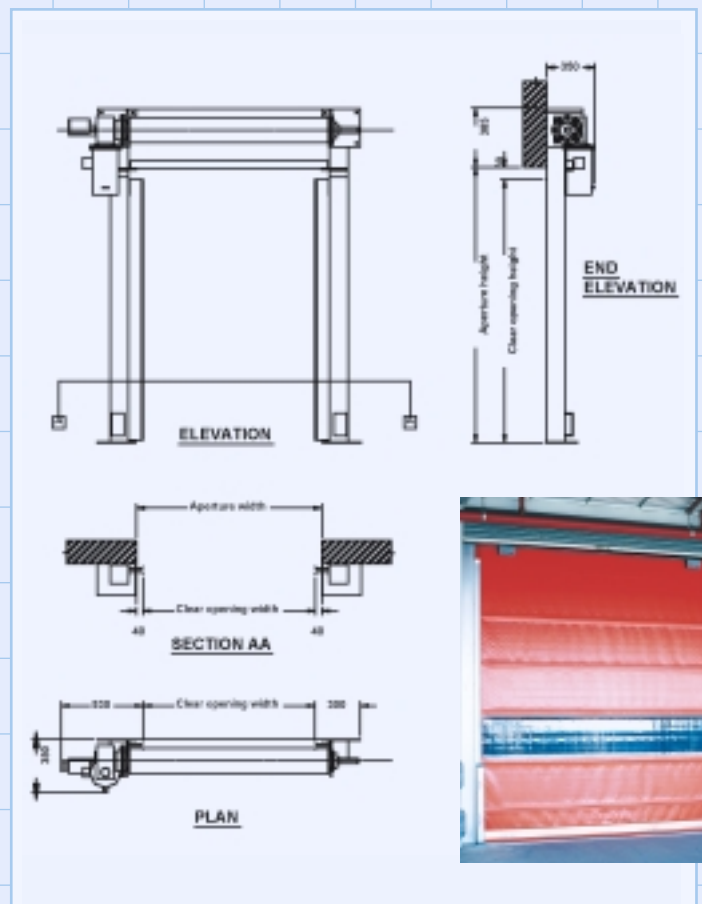
**The SERIES 4000 is one of those solutions . . .**

The Series 4000 Rapid Auto Roll Door is designed to be back into full operation within seconds of accidental impact . . . no service, no fuss. This is achieved by the unique breakout release and auto re-entry of the door panel.



**FIVE SAFETY FEATURES TO PROTECT YOU AND YOUR INVESTMENT**

- ✓ **Auto reverse:** If the bottom rail comes in contact with an object, it will immediately reverse back to the open position. This is achieved by a pressure sensitive mechanism, adjustable down to finger tip control.
- ✓ **Safety Beam:** A backup PE beam at floor line prevents the door from closing if an object is parked within the opening.
- ✓ **Emergency breakout:** This facility can be operated from either side of the door by personnel kicking out the bottom rail in the event of emergency egress.
- ✓ **Clear Vision:** The panel comes with a full width clear vision section, or, the panel can be all clear if required.
- ✓ **Power Failure:** The facilities for a UPS unit are available, giving the door a number of operations during loss of power.



*The DMF Series 4000 Door is designed for all interior and exterior positions, at operating temperatures between -38°C and +70°C. This state of the art door, has the ability to withstand gale force winds, and yet still maintain the breakout feature with auto re-entry.*

## **SIZE**

The Series 4000 door is manufactured in customised sizes to suit your requirement. The maximum size in standard form can accommodate openings up to 25m<sup>2</sup>. With some minor modifications, this may be increased to over 30m<sup>2</sup>.

## **PANEL**

Nahi-Ho uses a highly resistant Duraskin panel. Produced from a polyester reinforced PVC, this panel material is very low in porosity. The primary colour available is safety Orange, however other colours may be available on request.

As standard, the DMF panel comes with a full width clear vision safety panel. (not available in Freezer applications). This can be positioned to suit your requirements.

## **CORROSION PROTECTION**

All parts of the frame assembly are electro-plated zinc prior to a powdercoating finish. The bottom rail is in stainless steel as standard. Alternatives finishes are available, whether it be colour, hot dip galvanised, or full stainless steel finish.

## **DRIVE SYSTEM**

The Series 4000 drive unit and controller is available to suit a variety of operating voltages, with the Control Box in compliance with class IP66. The unique controller is designed to meet all user requirements, including an option of variable speed control allowing you to adjust the opening or closing speed independently.

- Option of single phase or 3 phase controller.
- Operating speeds of up to 2.5m/sec can be achieved.
- Soft start soft stop function reducing the stress on drives.
- Easily adjusted hold open timer control.
- Dual height settings ideal for combinations of Forklift and pedestrian traffic
- Cycle counter
- Safety open and closing timers

*And new to the Series 4000 is the option of fitting an Uninterrupted Power Supply (UPS) unit (single phase option only).*

## **DOOR ACTIVATION**

Achieving the best performance from your Series 4000 door, is dependent on the opening device that best suits your application. Your choice will depend on speed, mix and frequency of traffic flow, Nagi-Ho can evaluate your application to select the best option, which may include

- Pushbuttons
- Pull Cords
- Photo Electric Sensors
- Floor Induction Loops
- Infra Red Motion Detectors
- Remote Control

## **ALTERNATIVE ROLL DOOR SELECTION**

Nagi-Ho, being a dedicated door installer for over 6 years, can offer a selection of Rapid Auto Roll Door systems. Our qualified staff are equipped to help you make the right choice.

Maybe your application is unique. Then contact Nagi-Ho. We have our own design team that can adapt modifications to suit. IF Nagi-Ho can't do it . . . then it can't be done!



**dmf**  
INTERNATIONAL

*doors with intelligence*

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