

# Concertina

Rapid Folding Door



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The largest model in the Movidor range, the Concertina Rapid Folding Door is the ideal solution to any large-scale application, where fast access is required.

Boasting an extremely high wind load resistance and unique acoustic properties, the Concertina is the perfect fit for any exterior opening – and with its high speed operation, the Concertina will reduce dust and energy consumption, and boost productivity! The Concertina Rapid Folding Door utilises a simplistic, low-maintenance folding design, whereby the door is lifted vertically by concealed straps fixed to horizontal wind bars embedded in the curtain.





## PRODUCTION

Modern manufacturing processes and equipment ensure Concertina Rapid Folding Doors are produced quickly and efficiently to the highest possible standards. With a Production team inspired by the vision to be Australia's most trusted brand of doorway and access solutions, Concertina Rapid Folding Doors embody a passion and care for quality and reliability.

## AUSTRALIAN MADE

Our manufacturing facilities are based in Regional Victoria. The Concertina Rapid Folding Door is entirely Australian owned, and Australian made, keeping Australian jobs safe!



# Design

The Concertina Rapid Folding Door utilises a unique internal truss system, positioned laterally between twin curtain skins.

Assuring extreme strength in ultra-wide openings, the curtains are attached to the outside of the trusses, and fold outwards in a concertina action when the door is opening. With internal hoisting straps lifting the bottom truss, the rest of the trusses are collected as the door opens, folding the door curtain neatly up under the fascia. For the largest doors, a counterbalance is used to share the weight of the curtain and reduce load on the motor.



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## DURABLE

The design of the Concertina Rapid Folding Doors ensures superior strength, allowing the doors to withstand very high winds and harsh environmental conditions without damage.

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## RAPID ACTING

With an opening speed of up to 0.8m/second, the fast cycle times means the door opens quickly, and remains open for the minimum time required. This maximizes productivity, decreases energy usage, and minimizes the chance of impact damage from forklifts.

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## VERSATILE

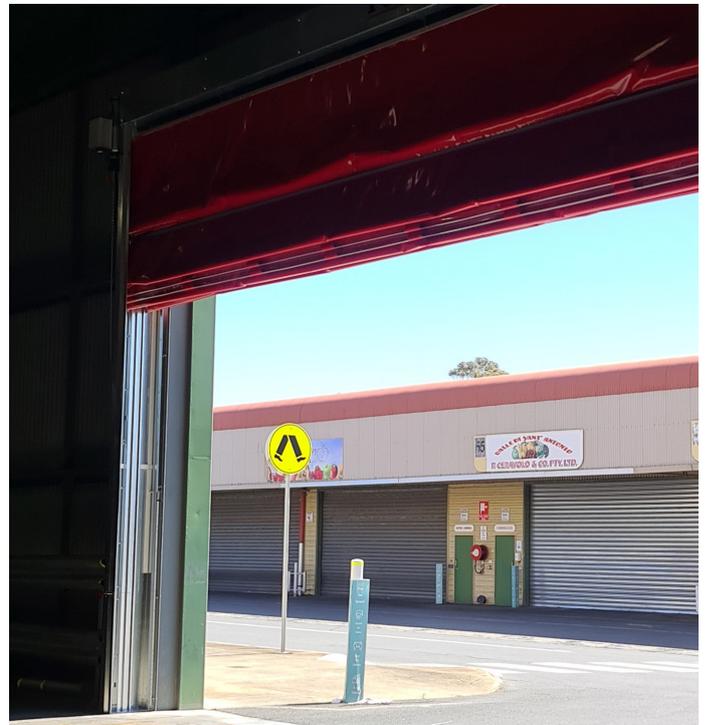
The Concertina Rapid Folding Door can be seamlessly adapted into ultra wide openings up to 12mtrs wide. This system provides very high (100kmh) wind load ratings, and proves beneficial in many applications.

# Product Features

- › A galvanized head assembly unit, full self-supporting over span of door width
- › Aluminium drum assembly winding hoisting belts, supported by lubricated roller bearings
- › Pressed galvanised steel uprights form the door frame, including cable ducting for electrical cabling and connections
- › Twin skinned door curtains comprise of strong PVC-coated polyester material, 900gsm, tear resistant, electro-welded pockets to house the horizontal reinforcement bars for wind strength
- › Supplied as standard with 1 row of windows in transparent PVC
- › Polyester webbing vertical hoisting belts, with a maximum load of 1000kg each
- › 415V, 50Hz, 20A 3-phase electric motor controlled via soft-start and soft-stop inverter, with fall-safe integrated brake
- › German quality motor-gearbox, with integrated frequency inverter and positioning device. Quiet, fast and reliable for ultra-high cycle use!
- › Smart controllers with variable speeds ensuring absolute positioning control. Displays operational, and fault status through LCD screen
- › Opening speeds of up to 0.8m/second and closing speeds of up to 0.5m/second

## SAFETY FEATURES

- › The Concertina Rapid Folding Door provides for operation using a hauling chain in the event of a power failure
- › Leading edge of curtain is soft and deformable, in safety yellow
- › Light Curtain Safety sensors in the door columns will reverse the door if obstructed during closing
- › Option for LED traffic lights

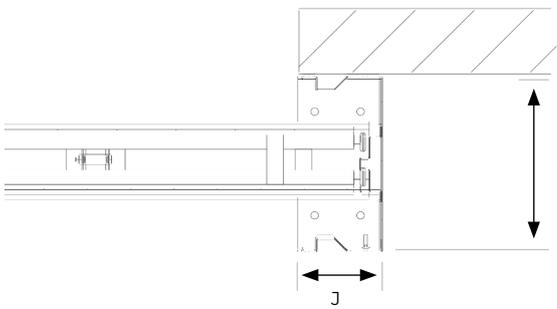
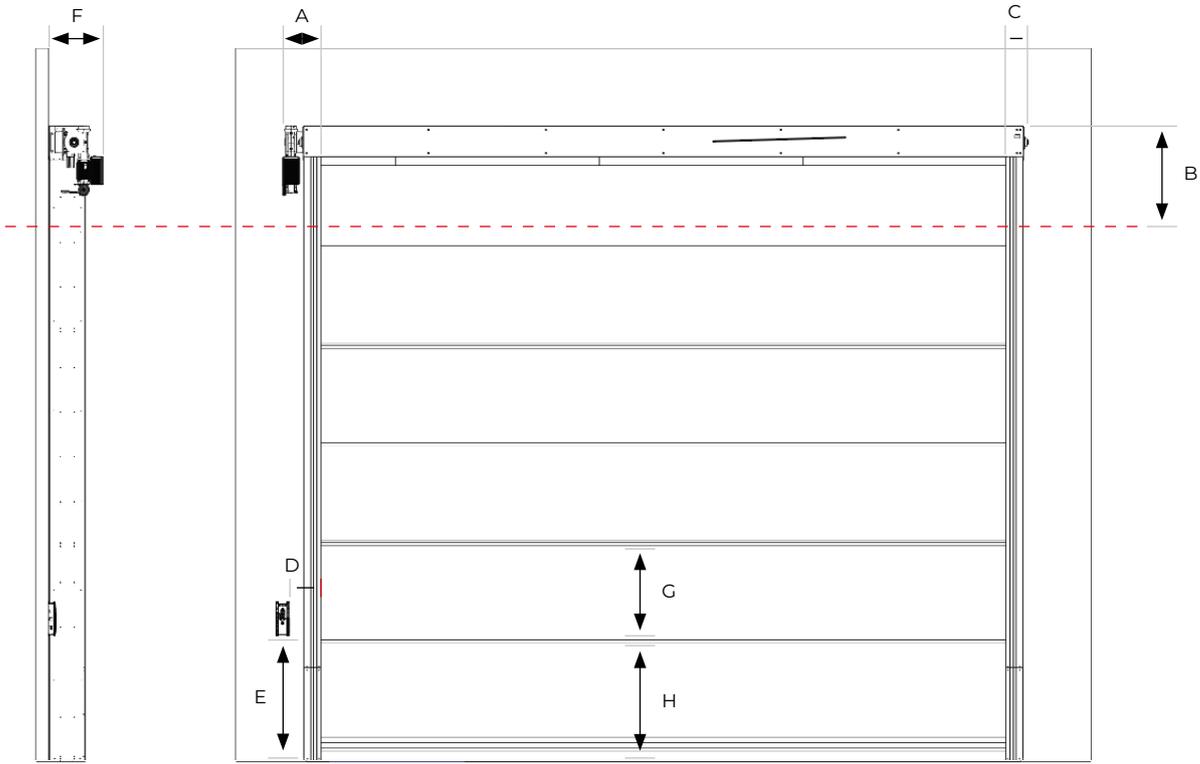


## KEY ADVANTAGES

- › Control Temperature
- › Increase Productivity
- › Prevent Wind Nuisance
- › Sound Barrier
- › Reduce Energy Costs
- › Control Dust



# Technical Specifications



	A	B	C	D	E	F	G	H	I	J
Concertina	500	1150*	252	275 FEO	1400 FFL	660	365	1300	420	200

\*1150mm up to 5000mm opening height. Please enquire for head clearance required for openings higher than 5000mm.

The range of traffic doors and barrier systems developed and manufactured by Remax, fulfils a vision to become the most trusted source of doorway and access solutions in the market today.

In keeping with this vision, the real value of our Doors and Barriers is the money saved during the life of these products. Remax are recognized and trusted for providing prompt, personalized service, and are committed to honesty and integrity throughout our consultation and communication with clients.

Our commitment to service begins with your initial enquiry, and is paramount throughout all stages of design, solution, installation, and subsequent inspections of commissioned doors and screens.

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Disclaimer; Remax Pty Ltd reserves the right to alter or upgrade product specifications without notice.