



Right hand control

## Performance Test

fresAir™ Louvre Windows are independently tested to the following standards :

AS2047-1999	Bradnam's Windows & Doors Pty Ltd - NATA Accredited Laboratory No : 3320	23rd Feb 2005
SS215: 1979	PSB Corporation, Singapore - Unlocking Test & Accelerated Wear Test	21st Oct 2004
ISO 4892-2 :1994	PSB Corporation, Singapore - Accelerated Weathering Test	1st Dec 2004
AS2047-1999	Wintec Aluminium - NATA Accredited Laboratory No : 14093	27th July 2004
AS2047-1999	G. James Testing Laboratory - NATA Accredited Laboratory No : 3630	12th Dec 2001

## fresAir™ Louvre Height Table

Blades	Operable Clips				Fixed Clips	
	152 mm	Controls from sill up	102 mm	Controls from sill up	152 mm	102 mm
2	304.8	2	-	-	262.1	-
3	444.5	3	292.1	3	373.1	255.0
4	584.2	4	381.0	4	484.1	330.0
5	723.9	5	469.9	5	595.1	405.0
6	863.6	6	558.8	6	706.1	480.0
7	1,003.3	4 + 3	647.7	7	817.1	555.0
8	1,143.0	4 + 4	736.6	4 + 4	928.1	630.0
9	1,282.7	4 + 5	825.5	4 + 5	1,039.1	705.0
10	1,422.4	5 + 5	914.4	5 + 5	1,150.1	780.0
11	1,562.1	5 + 6	1,003.3	5 + 6	1,261.1	855.0
12	1,701.8	6 + 6	1,092.2	6 + 6	1,372.1	930.0
13	1,841.5	4 + 4 + 5	1,181.1	6 + 7	1,483.1	1,005.0
14	1,981.2	4 + 5 + 5	1,270.0	7 + 7	1,594.1	1,080.0
15	2,120.9	5 + 5 + 5	1,358.9	5 + 5 + 5	1,705.1	1,155.0
16	2,260.6	5 + 5 + 6	1,447.8	5 + 5 + 6	1,816.1	1,230.0
17	2,400.3	5 + 6 + 6	1,536.7	5 + 6 + 6	1,927.1	1,305.0
18	2,540.0	6 + 6 + 6	1,625.6	6 + 6 + 6	2,038.1	1,380.0
19	2,679.7	4 + 5 + 5 + 5	1,714.5	6 + 6 + 7	2,149.1	1,455.0
20	2,819.4	5 + 5 + 5 + 5	1,803.4	6 + 7 + 7	2,260.1	1,530.0
21	2,959.1	5 + 5 + 5 + 6	1,892.3	7 + 7 + 7	2,371.1	1,605.0

Customised heights and controls are available upon request.

\* Kindly consult our Authorized Distributor for appropriate fabrication dimensions and advice.

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We create a cooler, brighter and energy-efficient home.





# Enjoy the gentle whisper of air with *fresAir*™

*fresAir*™ Louvre Windows brings maximum light and optimum ventilation into your premises. Its adjustable nature gives you full control of the desired air infiltration - be it a cool draft or a whisper of refreshing air. Yet when fully closed, the integrity of air-conditioning is maintained.

Australian Patent No. 765583

## Construction

### Louvre Channels

- extruded from aluminum alloy 6063 T5.

### Blade Holding Clips

- injection molded in UV resistant polypropylene.

### Pivot Bearings

- made from aluminum alloy, forged to form a sunken cavity with an 8-point interlocking grip, thus ensuring a tight fitting connection with the clip. These are then riveted to extruded aluminum pantograph operating bars. The toggle link exerts a firm locking force upon closure and are connected to operating bars by stainless steel rivets.

Note: This is a Fully Riveted System on forged metal parts. Properly fitted and maintained, many years of trouble free usage is assured.

Restricted opening  
(Note: handle slot stops)

Lockable handle  
(patent pending)

Glass blades - Top bank  
Timber blades - Bottom bank

Glass blades - Top bank  
Aluminium blades - Bottom bank

Beige

Brown

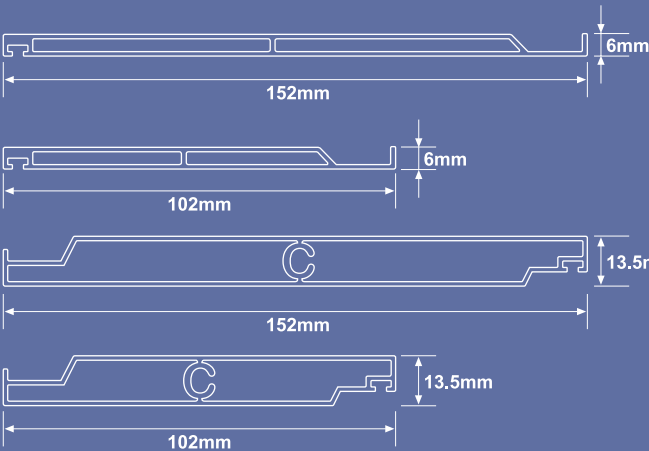
Black

Grey

Cream White

Bright White

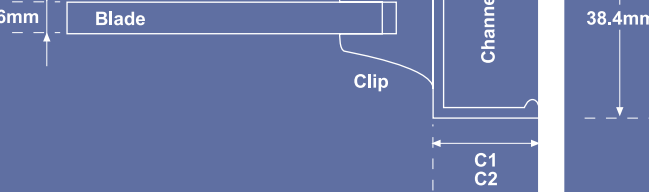
## Aluminium Blade Profiles



## Blade Thickness Options

102/152mm width, in

- 6mm Float Glass
- 6mm Toughened Glass
- 6mm Aluminum
- 13.50mm Timber
- 13.50mm Aluminum



## Blade Length Calculation

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Channel height	C1 (16.5mm)	C2 (20mm)
6mm glass blade	25mm	28.5mm
13.5mm timber blade	26.5mm	30mm

C1 - Standard channel height for Singapore & Other Countries  
C2 - Standard channel height for Australia

## Control Options

- Left Handed; Right Handed; Dual Handed or Non Handed Operation.
- Restricted Openings.
- Lockable Handle; to individual handle arm (Retrofittable).
- Remote operation handle for 'hard to reach' situations, allows map hook or motorization (Retrofittable).
- Fixed Clip Galleries.

## Features

- Gallery height of up to 4.70 m, in a continuous channel frame, without marrying the sets.
- 20 mm High Channel - suitable for frames with recessed clip-on profile.
- Fits all major window frame suppliers' sections.
- Security bars or fly screens can be fitted, in conjunction with aluminium jambs.