



TECHNICAL SPECIFICATIONS

Servery Edition
CLEAREDGE

CLEAREDGE

FRAMELESS RETRACTABLE GLASS

THE COMPANY

CLEAR EDGE FRAMELESS GLASS is a company committed to excellence in design, innovation, manufacture and service

A proud member of the Australian Glass and Window Association



- ✓ Members manufacture products in compliance with all relevant Australian Standards.
- ✓ Members verify their design performance using a NATA third-party accredited testing laboratory.
- ✓ Members are subject to annual NATA audit.
- ✓ Members offer a 6 year peace of mind warranty to all consumers backed by the AGWA

You can be confident that our products are made to meet and exceed Australian Building Standards

THE PRODUCT

CLEAR EDGE Frameless retractable glass SERVERY

A fully retractable, frameless glazing system. Made up of individual frameless [top hung] glass panels, which slide and pivot at the exit point [far left or far right] and stack 90° to the track



AUSTRALIAN
MADE



COMPLIANCE
AS2047
AS1288



AUTHENTIC
AUSTRALIAN
PRODUCT



6 YEAR
AGWA
WARRANTY



WIND RATED
ULS N5
SLS C4



ENERGY RATING
15mm
U Value 5.5
SHGC 0.70

APPLICATIONS

Residential

- Enclose
 - Outdoor entertainment areas
 - Balconies
 - Patios
 - Alfresco kitchens
 - Pool houses
- Replace
 - Chunky bi-fold door systems
 - Café blinds
 - Permanent balcony windows

Commercial

- Stadium glazing
- Shopfronts
- Restaurants and coffee shops
- Boardrooms and office fitouts

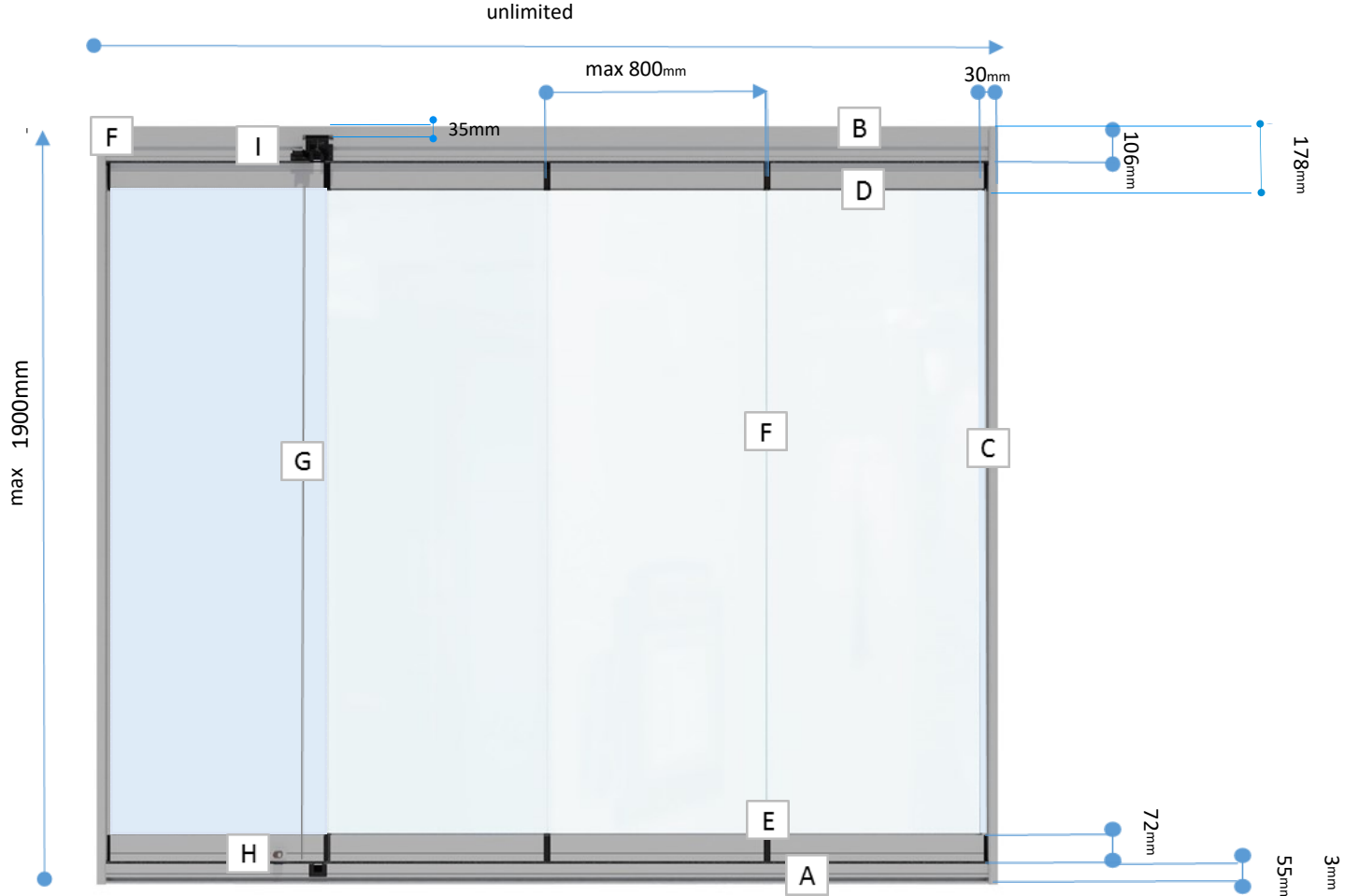
DESIGN FEATURES

- Panels pivot and stack 90° to track with a minimal stacking area and no parking bay
- Decibel rating of 20dB
- Ventilation abilities for good ventilation
- Top hung system with a bottom track panel guide
- Each panel is hung by two purpose made rollers and two floor guides:
 - Maintenance free
 - Quiet running
 - Twin horizontal
 - Low-wearing

BENEFITS

- Extend the living areas seamlessly to the outside
- Blur the lines between the inside and the outside
- Allow for unimpeded views to the outside with the sheer glass
- Allow for flooding of natural light into the area

SPECIFICATION DETAILS



ITEM	DESCRIPTION	CODE	WIDTH	DETAIL
A	Bottom Frame	33-01-03	55mm	Page 4
B	Top Frame	33-01-01 OI	106mm	Page 5
C	Wall Post	33-01-07	30mm	Page 5
D	Glass Holding Profile	N/A	72mm	Page 6
E	Inter-Locking End Caps [when locked together]	N/A	22mm	Page 6
F	Weather Seal 10mm UV Stable	33-02-43	20mm	Page 6
G	Stainless Steel Cable - Handle Option	33-02-39	1.5mm	Handle PDF
H	Sill Lock	33-02-60		Handle PDF
I	Top Track Roller Exit Point	N/A		N/A
J	Toughened Safety Glass AS1288	N/A	850mm	Page 7

DESIGN OPTIONS

- Panels can stack inside or outside on far left, right or both sides
- First Panels can be opened from inside and/or outside with optional safety lock
- System has several configuration options including moving around a 90° corner
- Glass: Toughened and polished: ■ 10mm
- UV stable Weather Seals can be clipped on between the glass panels to increase weather rating

DIMENSION OPTIONS

Max System Height	1900mm
Max System Width	Unlimited number of panels
Max panel width	800mm*

*Individual glass panel size must be guided by

- Australian Standards—Two Edge Support Table AS1288
- Wind Classification of the installation area

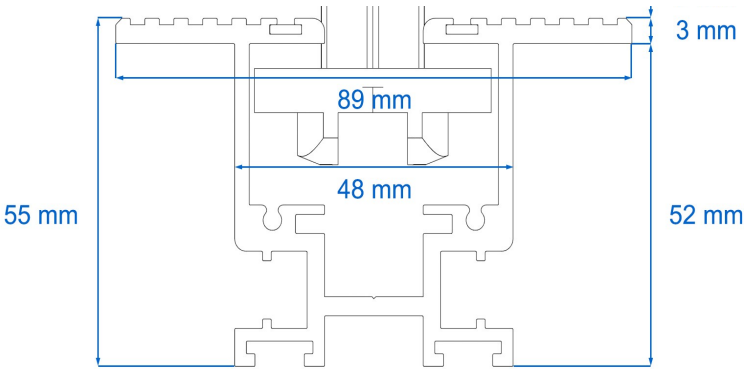
Click → [Two Edge Support Table with Wind Load and Panel Size](#)



- ✓ The higher the wind load, the lower the glass height
- ✓ The higher the glass, the narrower the individual panel

A. BOTTOM FRAME SPECS

Option 1	Bottom Frame with Trim
Description	Aluminium Bottom Frame, Fully Recessed
Application	Continuous bench level from inside to outside
CAD File Link	33-01-04



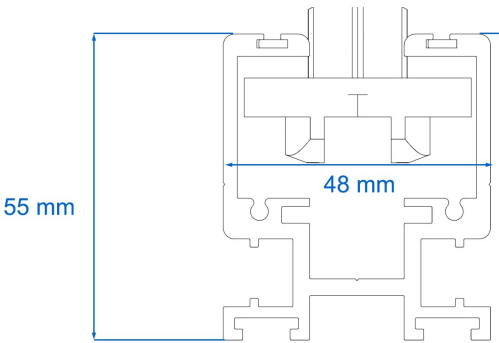
Features

- 1. Recessed into channel
- 2. Lip design for seamless integration into existing floor

Specify Code	Finish
FF	Powder Coat—Dulux
	Powder Coat—Interpon
	Anodized



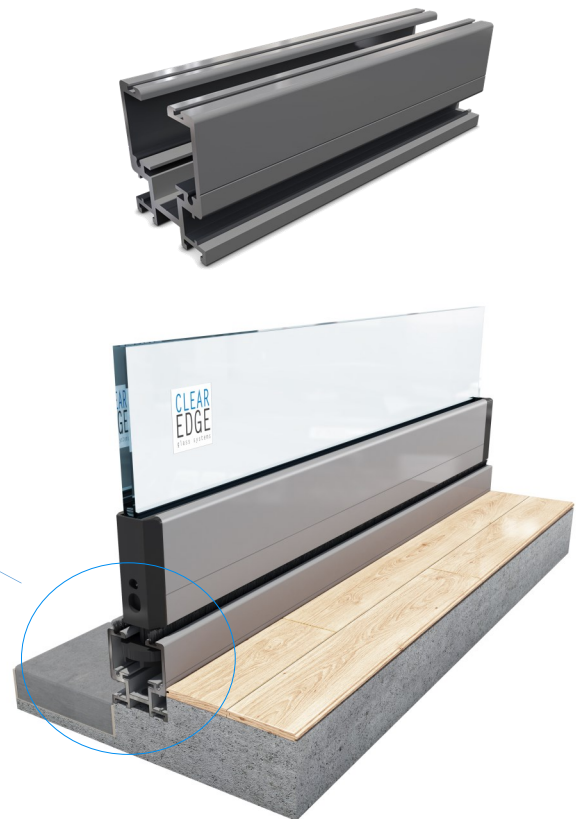
Option 2	Bottom Frame—NO Lip
Description	Aluminium Bottom Frame
Application	Variation in floor levels or recessed or on top
CAD File Link	33-01-03



Features

- 1. For variation in floor levels from the inside to the outside
- 2. For better drainage

Specify Code	Finish
RS	Powder Coat—Dulux
	Powder Coat—Interpon
	Anodized

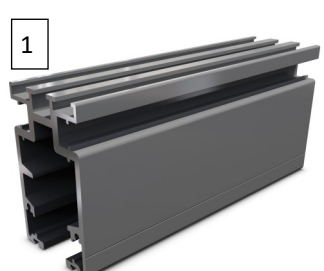
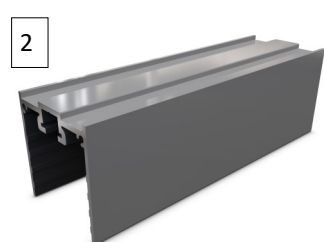
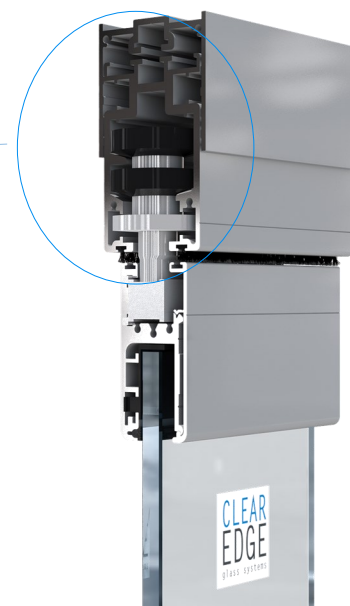
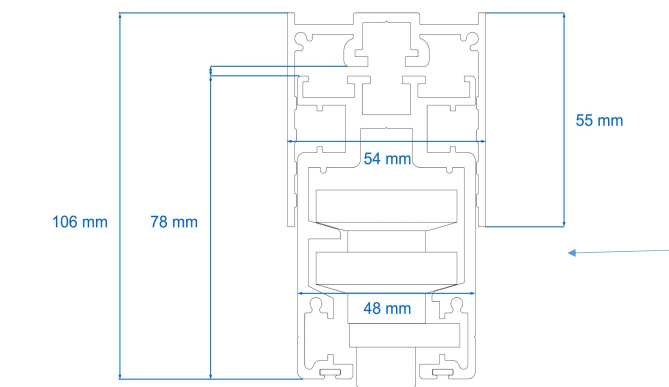


B. TOP TRACKS

	1. Head Track 2. Compensating Profile
Description	Aluminium Top Running Track
Application	Variation in floor levels and Balustrades
CAD File Link	OPEN IN—33-01-01 OI OPEN OUT 33-01-01 OO

Specify Direction	Specify Code
OPEN INSIDE or OPEN OUTSIDE	I or O
OPEN: LEFT or RIGHT or BI PARTING	L or R or L-R

Direction always taken from inside the area looking to the OUTSIDE



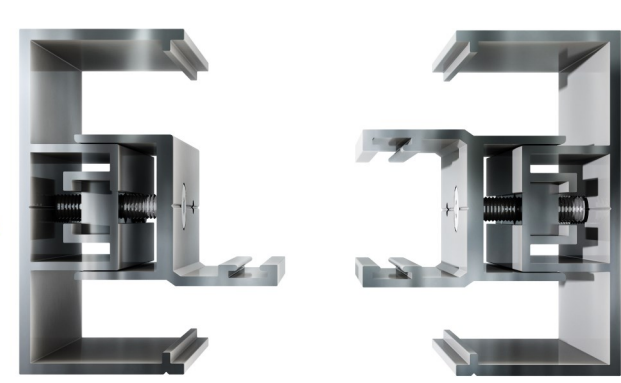
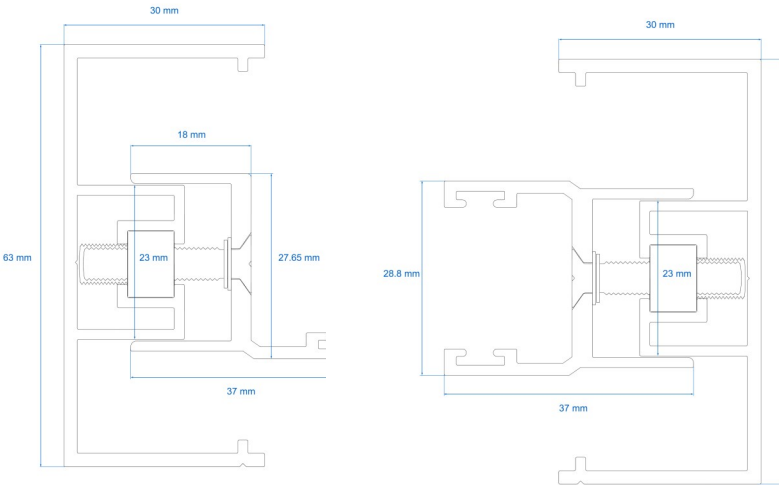
Features

- 1. Adjustable track with the two-profile track design
- 2. Allows for building movement (settlement)
- 3. Easy Allen Key adjustment 10mm up 10mm down

C. WALL POST

Description	Aluminium Side Tracks
Application	External Applications
CAD File Link	33-01-07

Specify Code	Finish
N/A	Powder Coat—Dulux
	Powder Coat—Interpon
	Anodized



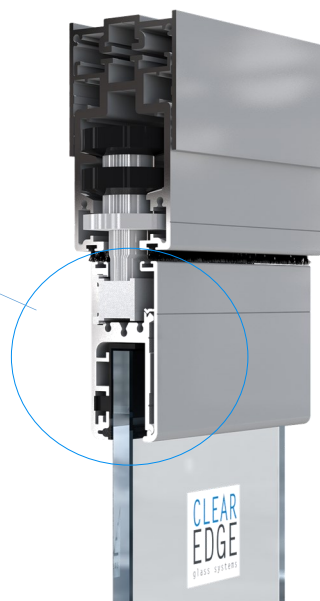
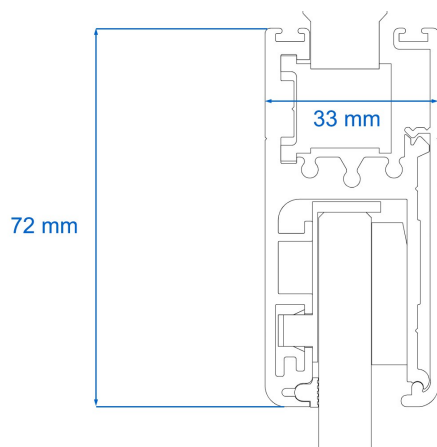
Features

- 1. Adjustable posts
- 2. Increase weather rating

D. GLASS CLAMP PROFILE AND COVER PLATE

Description	Aluminium glass holding profile
Application	ALL
CAD File Link	Included in Top and Bottom Frame detail

Specify Code	Finish
N/A	Powder Coat—Dulux
	Powder Coat—Interpon
	Anodized



Features

1. Glass mechanically fixed into panel by top and bottom clamping profile
2. All working parts concealed with Cover Strip

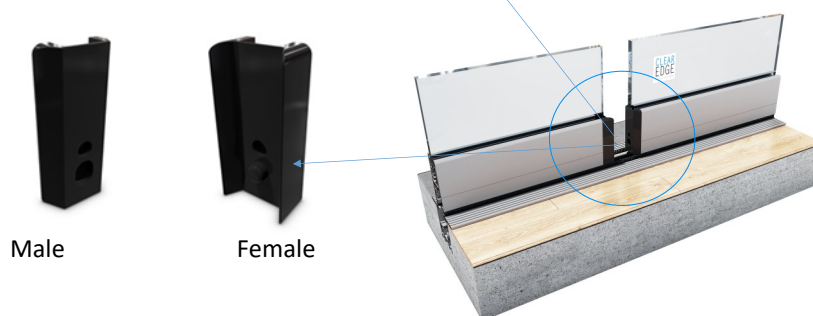
E. PANEL INTER-LOCK END CAP

Interlocking Male and Female End Caps attached to Clamping Profiles

Access Panel Detail	Sliding Panel Detail

Features

1. Inter-locking created stability
2. Allows unit to work as a framed unit when closed
3. Allows for higher wind load achievements



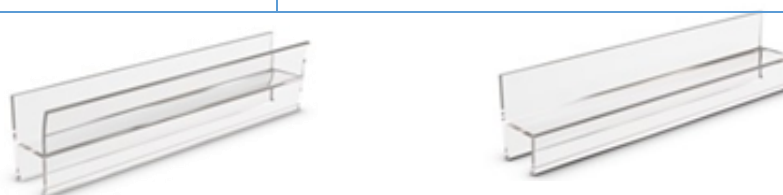
F. GLASS PANEL SEALING

OPTIONAL: UV stable Clear Polymer Weather Seal

Sliding Panel Detail (H)	Access Panel Detail (h)
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Features

1. Tight seal for no air infiltration
2. UV stable material for durability
3. Easily removable for cleaning
4. Replaceable every 3-4 years



[Space between glass panels without Weather Seal 3-4mm]

G. HANDLE AND LOCKING OPTIONS

Please click the link below to access the Handle and Locking Option document

Click → [Handle and Locking Options](#)

J. GLASS OPTIONS

Description	A Grade Toughened Safety Polished AS1288	
Thickness Option	10mm	
Weight	26kg/m ²	

Finish Options:

Clear
Tint—Grey
Low-E



To work out the panels size

Click → [Two Edge Support Table with Wind Load and Panel Size](#)

SPECIFYING CLEAR EDGE GLASS

SPECIFYING CODES

When specifying the Clear Edge Frameless Retractable system please feel free to contact our head office directly for guidance in glass thickness and panel sizes using the Two Edged Support Table. We've endeavoured to make it as simplistic as possible for you to specify our product.

Codes for Direction:

Opening direction	Specifying Code
Opening Inside	I
Opening Outside	O
Opening Right	[number of panels]R
Opening Left	[number of panels]L
Always take direction from INSIDE looking OUT	

Codes for Floor Track:

Option	Specifying Code
Track with Lip	FF
Track with NO Lip	RS

Codes for Glass Finish:

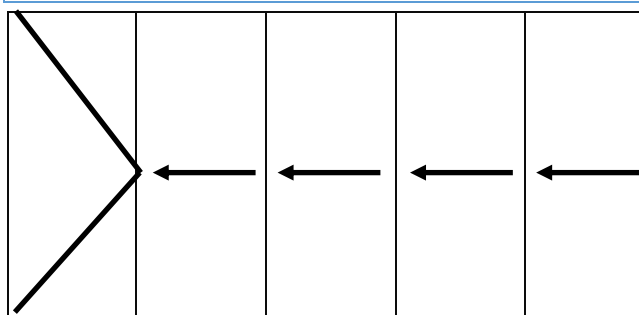
Finish Option	Specifying Code
Standard Clear	SC
Grey Tint	TG
Low-E	LE

Codes for Colour Finish:

Finish Option	Specifying Code
Powder Coat-Dulux	PC_DL[colour code]
Powder Coat -Interpon	PC_IP[colour code]
Anodized	AN[Colour]

Example:

PRODUCT NAME	-	FLOOR TRACK	-	Direction	-	GLASS	-	COLOUR FINISH
Clear Edge Frameless Servery	-	FF	-	O5L	-	SC	-	PC_DL2721137S
This is a 5 panel system opening outside left using the Recessed track with lips, Standard Clear Glass. Frame finish Powder coat Dulux Surfemist								



OUTSIDE

INSIDE

Top View




RULE OF THUMB

✓ Always view from the inside looking to the outside

INSTALLATION


The installation of the Clear Edge Glass Servery is DIY with an easy to follow [Instruction manual](#)

 Click →

TESTING AND COMPLIANCE

AS2047 COMPLIANT FOR

Test	SLS	ULS
Passed	AS4420.2 in AS/NZS4284:2008	AS4420.6
Result	+3.3 kPa and -3.3 kPa	10 000N / panel* without failure

 Click → [Testing Video](#)

*Convert Newtons (N) to Pascal (Pa)
Formula: pascal [Pa] = newton/meter² [N/m²]
Example:
Panel size 2.8m(h) x 0.70m (w) = 1.96m²
Pa = 10 000/1.96
Pa = 5102
kPa = 5.1



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