



CUBE

**CAPRAL**  
ALUMINIUM



**ags**<sup>TM</sup>

COMMERCIAL

50 HIGH PERFORMANCE  
AWNING WINDOW

TECHNICAL MANUAL



## AGS 50 COMMERCIAL AWNING WINDOW

This AGS Commercial Awning Window is capable of being installed as either an awning, casement sash or jockey sash.

The window may be fabricated into a number of different frame types allowing for a wide variety of applications.

For enhanced thermal comfort and performance, both thick and double glazing is available supporting insulated glass units up to 40mm thick.

### FEATURES AND BENEFITS

- Single, thick and double-glazing options for enhanced thermal performance
- Compatible with a range of AGS suites
- Integrated flyscreen ability
- Incorporates rain-screen design principles for improved performance
- High acoustic performance
- High degree of design flexibility
- Continuous hook hinge or stay hinge method
- Inset and overlap options available, and can include a secondary jockey sash
- Large range of operating hardware, including automatic options, available

### MAXIMUM PERFORMANCE

	A	C	H	J
Serviceability (Pa)	1750	1500	1250	-
Ultimate (Pa)	3750	2700	2100	-
Water (Pa)	1000	600	1200	-

### FRAME DIMENSIONS

Height	Variable
Depth	Variable

### MAXIMUM RECOMMENDED SIZE

	A	C	H	J
Sash Height (mm)	1800	1500	1800	1500
Sash Width (mm)	1500	900	1500	700
Weight	60kg	40kg	60kg	15kg
Area	1.9m <sup>2</sup>	1.5m <sup>2</sup>	2.7m <sup>2</sup>	-

### GLAZING CAPACITY

Single Glazed	4-12mm
Double Glazed	24-40mm
Jockey Sash	4-6mm

### ACOUSTIC RATING

Acoustics (Max)	41 (-1;-5)
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### WINDOW ENERGY RATINGS

Window ID	Glazing	Uw	SHGC	Tww	Air Inf
<b>50 AWNING INTO 400 NARROWLINE</b>					
CAP-060-001	6Clr	6.767	0.513	0.5	0.45
CAP-060-002	6SpGy	6.767	0.255	0.048	0.45
CAP-060-003	6.38DLam	6.848	0.512	0.503	0.45
CAP-060-004	6.38ClrLam	6.834	0.502	0.502	0.45
CAP-060-005	6EA	5.765	0.45	0.464	0.45
CAP-060-010	10.38CPClr	5.803	0.368	0.333	0.45
<b>50 AWNING INTO 425 NARROWLINE</b>					
CAP-061-001	6Clr/12/6Clr	4.941	0.445	0.444	0.56
CAP-061-002	6Gy/12/6Clr	4.939	0.3	0.22	0.56
CAP-061-003	6EA/12/6Clr	4.538	0.396	0.413	0.56
CAP-061-004	6Clr/12Ar/6Clr	4.86	0.446	0.444	0.56
CAP-061-005	6Gy/12Ar/6Clr	4.86	0.298	0.22	0.56
CAP-061-006	6EA/12Ar/6Clr	4.411	0.396	0.413	0.56



Capral's AGS range is extruded in Australia using LocAl® Green primary aluminium.

- 50% lower-carbon emissions than global averages for primary aluminium
- 8kg CO<sub>2</sub>e/kg Al
- ASI Certified Smelter



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View full list of Residential and Commercial WERs rating at [capral.com.au](http://capral.com.au)

A = Awning / C = Casement / H = Integral Hinge / J = Jockey Sash