

Quantum Aluminium®

Awning Windows

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Features & Benefits

Quantum® Awning Windows

1 Energy Efficiency Options
Trend® Thermashield® in various glazing styles are available to help reduce energy consumption. Trend® Thermashield® means greater control, bigger savings and most importantly one less thing to worry about. Energy efficient options to u-value of 4.0 and SHGC 0.37 are available for Quantum XP® Awning window.

2 Acoustic options
SoundMizer® acoustic solutions in various STC ratings, are available to STC 39 for Quantum XP® Awning window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.

3 Key Lock Scissor Winder
Quantum XP® Awning window Secura winder mechanism is designed specifically for high performance, security and reliability. The XP winder can be used in even the harshest environment without worry of corrosion.

Secura hardware is available in stainless steel or powder coat finishes. Restrictor openers 100mm are available for safety options.

Keyed lock is standard for added security.

4 Continuous Hinge Hood
The sash is protected from the weather by a continuous hinge hood that supports the sash and keeps the rain where it belongs on the outside.

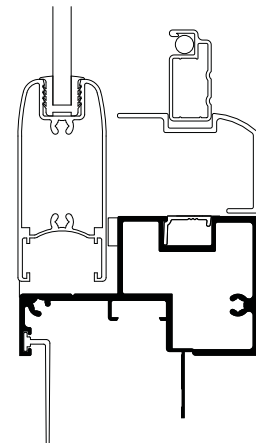
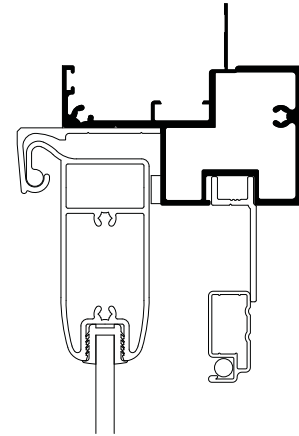
5 Glazing
Quantum XP® Premium sash is also available in 16mm double glazing for energy efficiency applications. Acoustic solutions are also available to high STC ratings.

6 Frames
Quantum XP® Awning Premium frame is 65mm wide with the window sash 55mm wide. Quantum XP® has a truly solid look, reminiscent of timber, and is extremely popular in both traditional and contemporary house designs.

7 Window Placement
Care should be taken with locating opening awning windows in pedestrian traffic areas.

8 Protective Wrapping
Protective wrapping for delivery to site is a standard for all Quantum XP® products.

9 Options
Easy to fit flyscreens can be fitted and removed from the inside. Wide range of powdercoat finishes available including timber powdercoat finishes.



Size Range

Quantum® Awning Windows

STUD OPENING WINDOW		670	910	970	1150	1260	1630	1860	2230	2460	2710
		610	850	910	1090	1200	1570	1800	2170	2400	2650
660	600										
		QAW0606	QAW0608	QAW0609	QAW0611	QAW0612	QAW0616	QAW0618	QAW0622	QAW0624	QAW0627
1000	940										
		QAW0906	QAW0908	QAW0909	QAW0911	QAW0912	QAW0916	QAW0918	QAW0922	QAW0924	QAW0927
1090	1030										
		QAW1006	QAW1008	QAW1009	QAW1011	QAW1012	QAW1016	QAW1018	QAW1022	QAW1024	QAW1027
1260	1200										
		QAW1206	QAW1208	QAW1209	QAW1211	QAW1212	QAW1216	QAW1218	QAW1222	QAW1224	QAW1227
1430	1370										
		QAW1406	QAW1408	QAW1409	QAW1411	QAW1412	QAW1416	QAW1418	QAW1422	QAW1424	QAW1427
1860	1800										
		QAW1806T	QAW1808T	QAW1809T	QAW1811T	QAW1821T	QAW1816T	QAW1818T	QAW1822T	QAW1824T	QAWF827T
2095	2035										
		QAW2106T	QAW2108T	QAW2109T	QAW2111T	QAW2112T	QAW2116T	QAW2118T	QAW2122T	QAW2124T	QAW2127T
2095	2035										
		QAW2106	QAW2108								

All windows and doors are designed to 700pa velocity and 150pa water rating. For higher ratings consult Quantum® Windows & Doors

NOTES

Hinged across the top, the sash of the Quantum XP® awning windows swings out from the bottom, giving your home good ventilation – even in wet weather. The sash design offers a wide viewing area, while its excellent sealing qualities ensure added climate control.

In gusty conditions, the sturdy scissor winder mechanism prevents the window slamming.

* Also available in Colonial and Federation Bar styles.

The above illustration are window codes for Quantum XP® Premium products (55mm sash).

For information on double-glazing or wind ratings, please contact Trend® Windows & Doors Sales Representative.

Please note that drawings are not to scale

QuantumXP® Awning Windows | QAW | Mk-1 | 14 October 2010

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Ordering Details

Quantum® Awning Windows

All windows are illustrated as viewed from outside. Codes shown are for plain windows.

Manufactured from 65mm aluminium extrusion. The first two numbers of code indicate approximate height, the last two numbers indicate approximate width.

Sash Style Options:

Standard option, eg window code QAW0606

O indicates Ovolo sash style with Ovolo Glazing Bar, eg window code QOAW0606

T indicates Thermashield® double glazed sash style, eg window code QTAW0606

M indicates Acoustic sash style (SoundMizer®), eg window code QMAW0606

Bar Options:

CL indicates Colonial Bar, eg window code QAW0606CL

FED indicates Federation Bar, eg window code QAW0606FED

Configuration Options:

A indicates Awning

F indicates Fixed

AA indicates Awning\Awning

AF indicates Awning\Fixed

FA indicates Fixed\Awning

FF indicates Fixed\Fixed

AAA indicates Awning\Awning\Awning

AFA indicates Awning\Fixed\Awning

FAF indicates Fixed\Awning\Fixed

FFF indicates Fixed\Fixed\Fixed

T after the size indicates a Transom

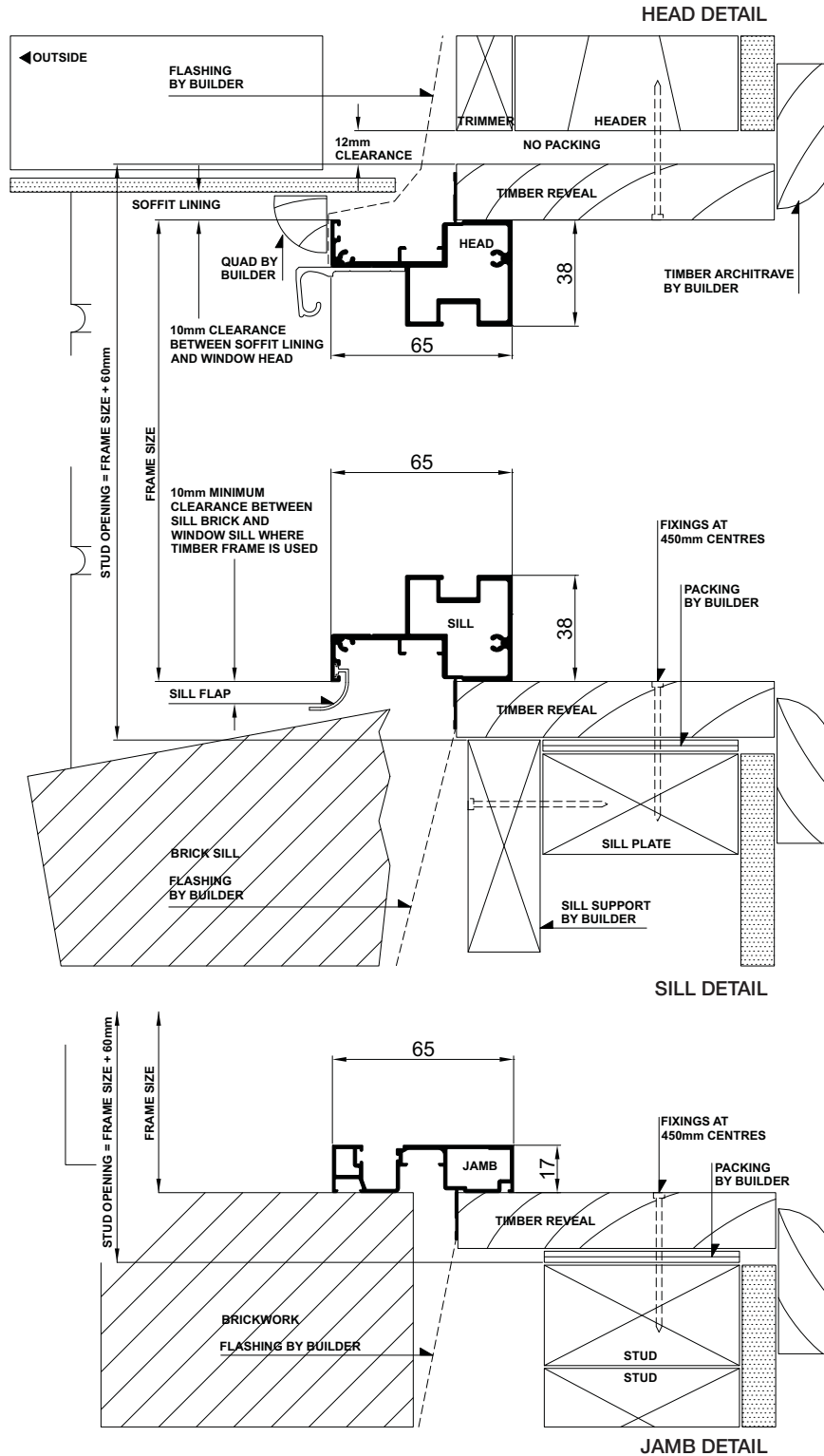
General:

Black hardware is supplied as standard

No sill reveal to 2100 high windows

Installation

Quantum® Awning Windows | Building In Detail | **Brick Veneer - 230mm wall**



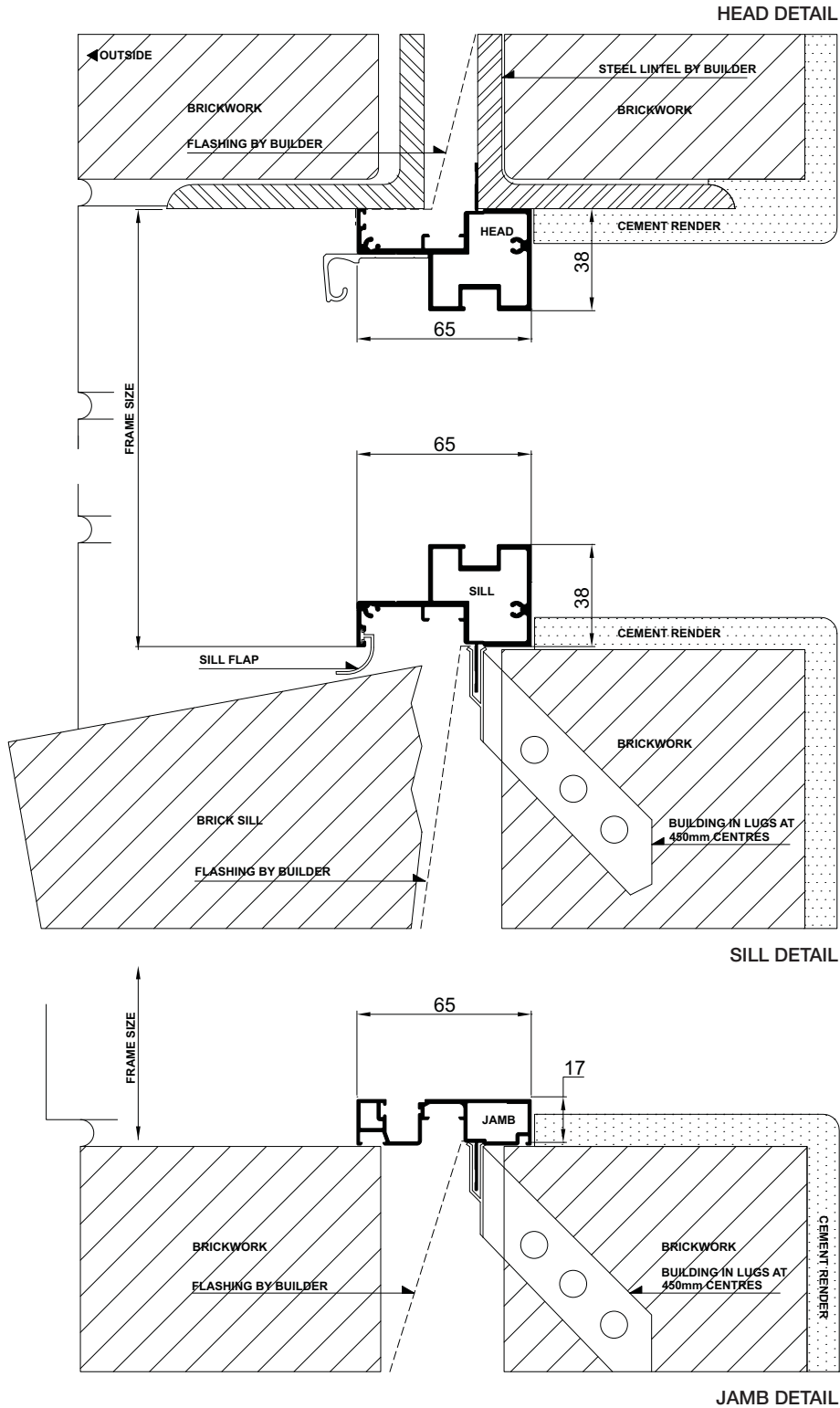
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Installation

Quantum® Awning Windows | Building In Detail | **Double Brick - 280mm wall**



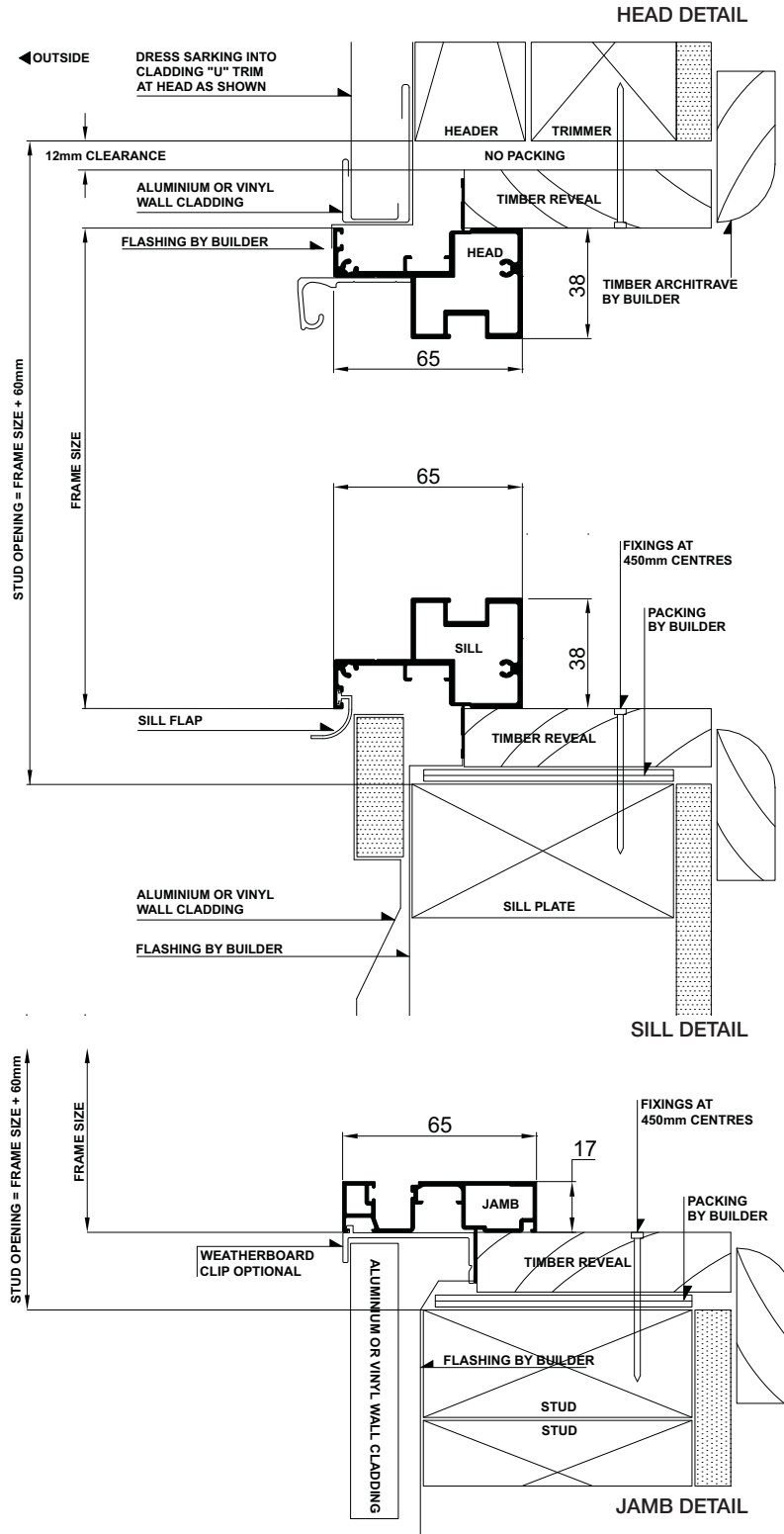
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Installation

Quantum® Awning Windows | Building In Detail | **Aluminium Cladding on Studs**



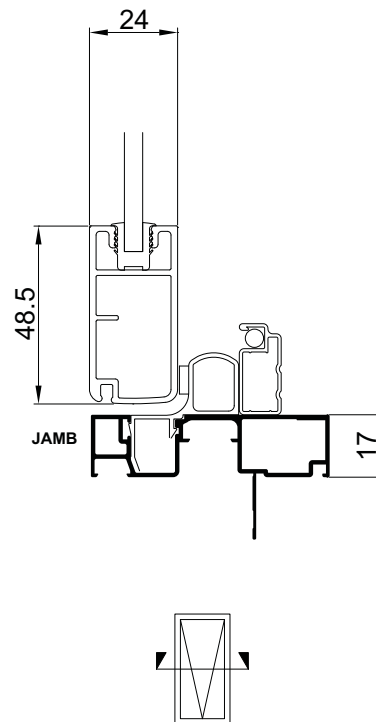
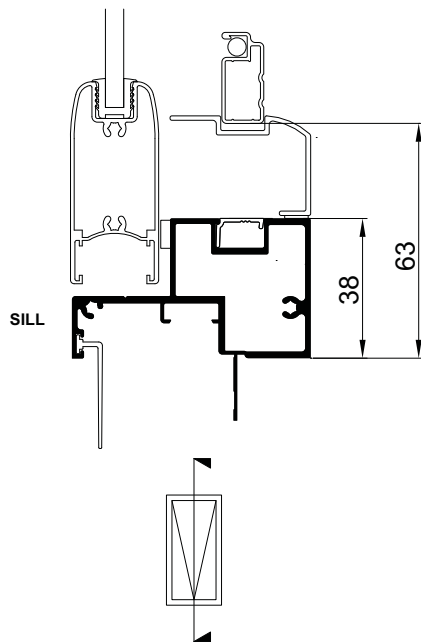
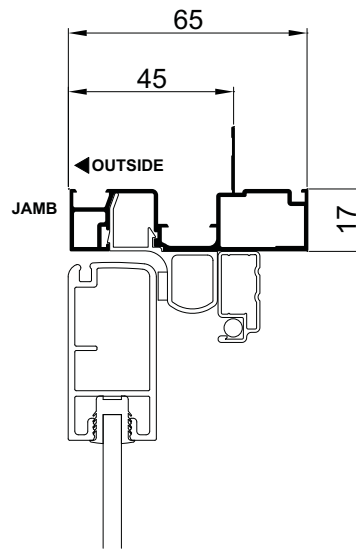
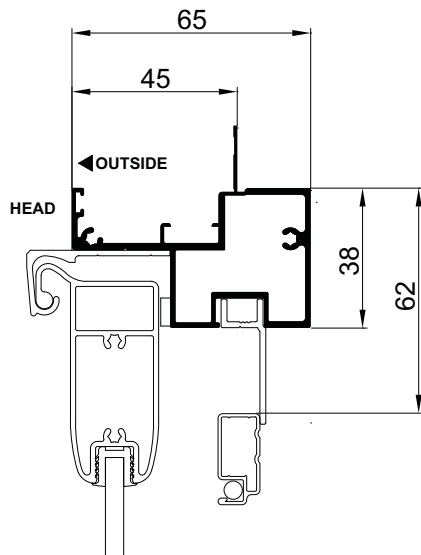
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Cross Sectional Views

Quantum® Awning Windows | **Single Lite**



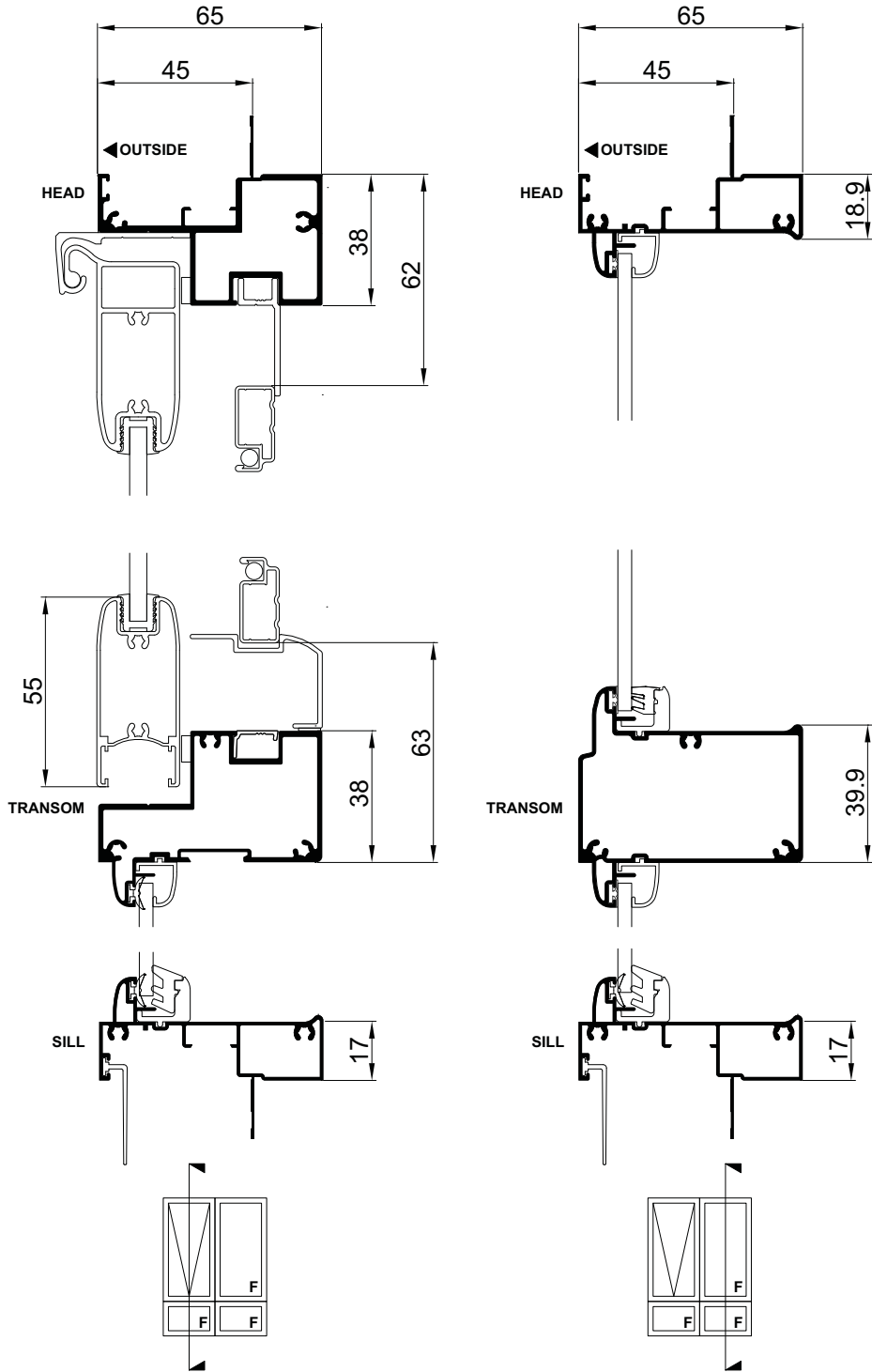
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Cross Sectional Views

Quantum® Awning Windows | **Two Lite with Lowlite**



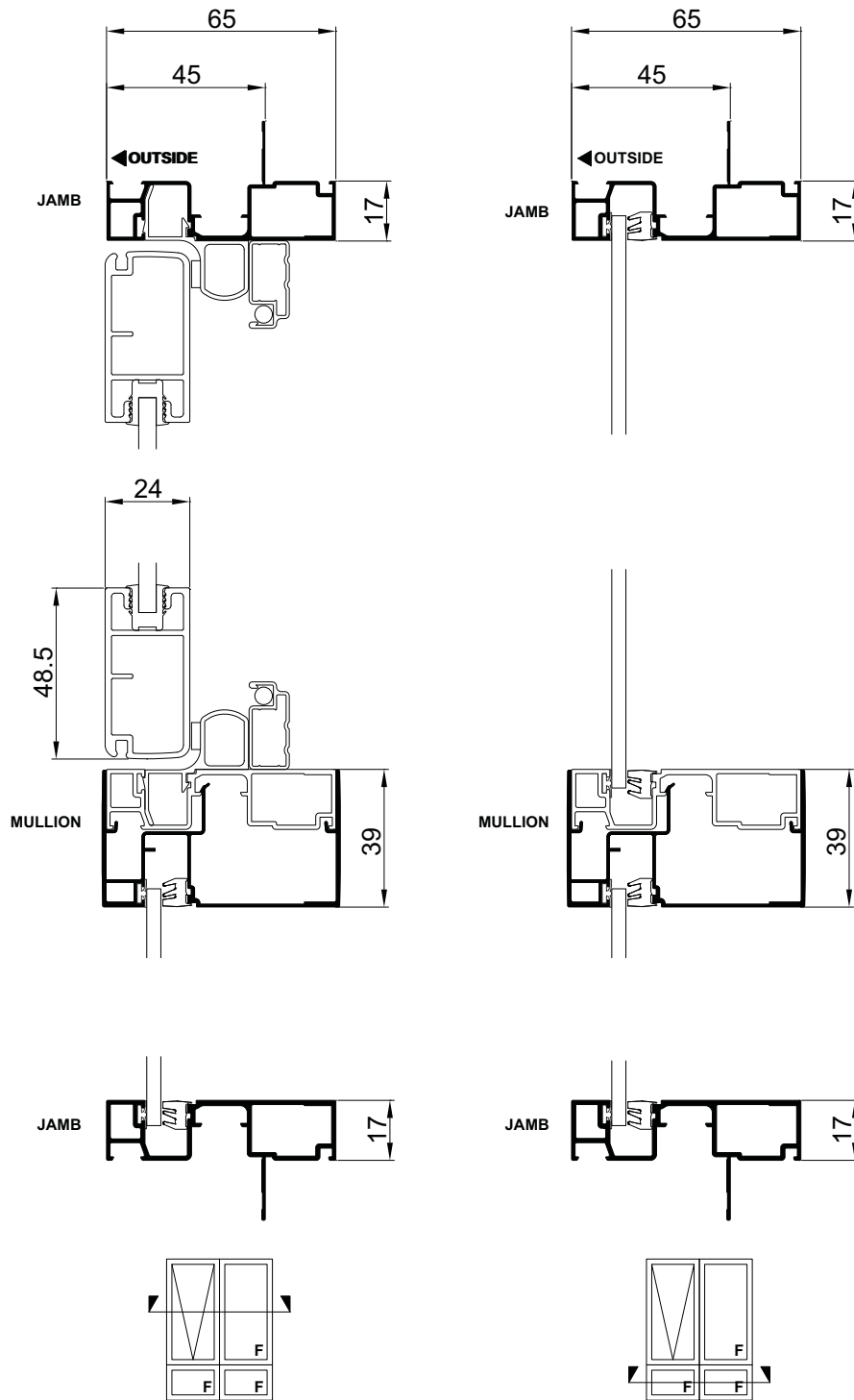
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Quantum® Awning Windows | **Two Lite with Lowlite**

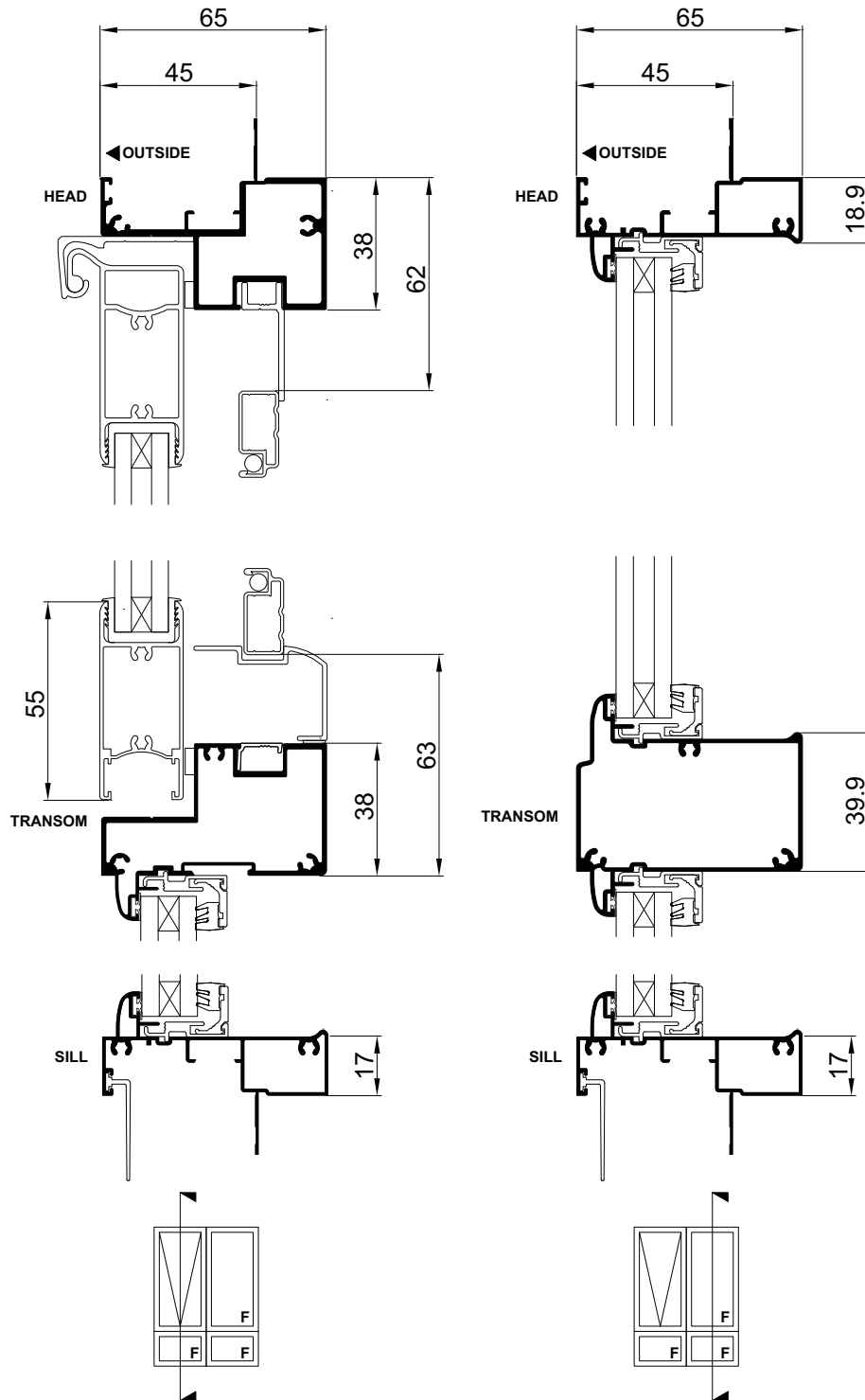


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Cross Sectional Views

Quantum® Awning Windows | **Double Glazed**



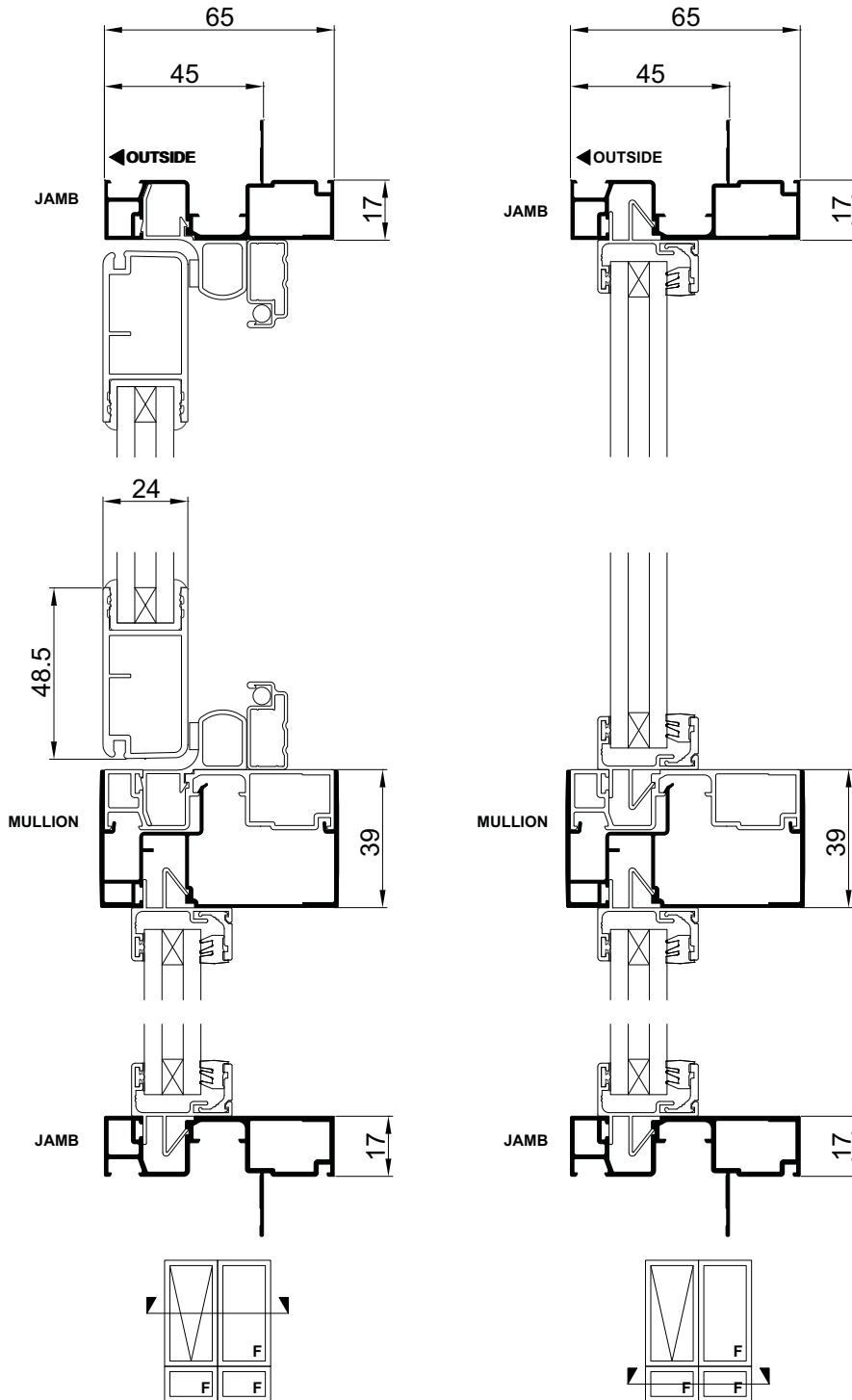
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Cross Sectional Views

Quantum® Awning Windows | **Double Glazed**



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Cross Sectional Views

Quantum® Awning Windows | **Ovolo**

