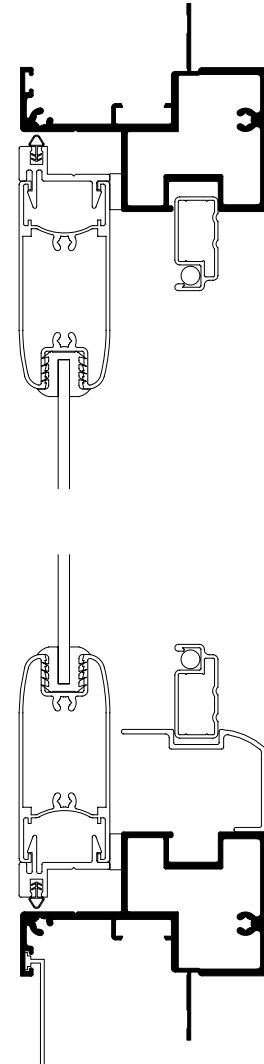


# Features & Benefits

## Quantum® Casement Window

- 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 5.9 and SHGC 0.25 are available for Quantum XP® Casement window.
- 2 **Acoustic options**  
SoundMizer® acoustic solutions in various STC ratings, are available to STC 39 for Quantum XP® Casement window. SoundMizer® acoustic solutions can reduce aircraft, highway traffic, railway and other annoying noise problems. For information or technical details contact Trend®.
- 3 **Operator**  
Quantum XP® Windows foldaway operator mechanism is designed for ease of operation and folds neatly into the housing when not in use. The arms are solid die-cast metal and the housing is coated in E-gard (Multi stage coating process that produces a greater, more durable finish). The robust mechanism is mounted securely to the window with concealed 6 point fixing. Operating handle is available in black or white only. Stainless steel arms are optional.
- 4 **Side Sash Latch**  
Handle is operated by a 180° rotation from open to closed position and is concealed within the window frame. Operation pulls in sash for a tighter seal against the weather and improved security. Side sash latch is available in black or white only.
- 5 **Opening**  
Casement allows a 90° opening for a wider viewing area and excellent ventilation control. The 90° opening makes it convenient for cleaning both sides of the sash.
- 6 **Glazing**  
Quantum XP® Premium sash frames are available in 16mm double glazing for energy efficiency applications. Acoustic solutions are also available to high STC ratings.
- 7 **Frame**  
Quantum XP® Casement frame is 65mm wide with a 55mm wide sash for greater strength and security. The sash has aesthetically pleasing lines and a smooth rounded profile that has a truly solid look. Reminiscent of timber, Quantum XP® Casement is extremely popular in both traditional and contemporary house designs.
  - Wind structurally rated to 1500Pa
  - Water pascals rated to 450Pa
  - Maximum sash height is 2035mm (Max height 2100)\*
  - Maximum sash width is 850mm
  - Maximum sash width is 720mm for casement heights between 1800mm and 2035mm\*

\* (These windows require two operable side sash latches per opening)
- 8 **Window Placement**  
Care should be taken when locating opening casement windows in pedestrian traffic areas.
- 9 **Protective Wrapping**  
Protective wrapping for delivery to site is a standard for all Quantum XP® products.
- 10 **Options**  
Stainless steel hardware upgrade available.  
Easy to fit flyscreens that can be removed from the inside.  
Wide range of powdercoat finishes available including timber powdercoat finishes.  
Also available in Colonial, Federation and Ovolo styles.



Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

# Size Range

Quantum® Casement Window

STUD OPENING WINDOW		666	776	906	1256	1626	1856	2226	2456	2706
		610	720	850	1200	1570	1800	2170	2400	2650
996	940									
		QPC0906	QPC0907	QPC0908	QPC0912	QPC0916	QPC0918	QPC0922	QPC0924	QPC0927
1086	1030									
		QPC1006	QPC1007	QPC1008	QPC1012	QPC1016	QPC1018	QPC1022	QPC1024	QPC1027
1256	1200									
		QPC1206	QPC1207	QPC1208	QPC1212	QPC1216	QPC1218	QPC1222	QPC1224	QPC1227
1426	1370									
		QPC1406	QPC1407	QPC1408	QPC1412	QPC1416	QPC1418	QPC1422	QPC1424	QPC1427
1856	1800									
		QPC1806	QPC1807		QPC1812	QPC1816	QPC1818	QPC1822	QPC1824	QPC1827
2091	2035									
		QPC2106	QPC2107		QPC2112	QPC2116	QPC2118	QPC2122	QPC2124	QPC2127
2091	2035									
		QPC2106T	QPC2107T	QPC2108T	QPC2112T	QPC2116T	QPC2118T	QPC2122T	QPC2124T	QPC2127T

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

## NOTES

Quantum XP® Casement Windows is available in a Premium Sash featuring a substantial 55mm wide sash giving a strong and secure look reminiscent of timber. Ease of operation is facilitated by an operating mechanism specifically designed to fit and complement the Quantum XP® Casement window.

For information on double-glazing or wind ratings, please contact a Trend® Windows & Doors sales representative. Trend® Ovolo Individual Glazing Systems are available.

\* Maximum sash width 720mm.

Also available in Federation and Colonial Bar styles.

\* The above illustration are window codes for Quantum XP® Premium products (55mm frames)

Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

## Ordering Details

### Quantum® Casement Window

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 QPC0906

O indicates standard sash with

Ovolo Glazing Bar, eg window code QOPC0906CL

T indicates Thermashield® double glazed sash style, eg window code QPTC0906

#### **Bar Options:**

CL indicates Colonial Bar, eg window code QPC0906CL

FD indicates Federation Bar, eg window code QPC0906FD

#### **Configuration Options:**

L indicates Left Hand Hinge

R indicates Right Hand Hinge

F indicates Fixed

LL indicates Left Hand\Left Hand

LR indicates Left Hand\Right Hand

LF indicates Left Hand\Fixed

RR indicates Right Hand\RightHand

FR indicates Fixed\RightHand

FF indicates Fixed\Fixed

LFR indicates Left Hand\Fixed\Right Hand

LLL indicates Left Hand\Left Hand\Left Hand

RRR indicates Right Hand\Right Hand\Right Hand

FLF indicates Fixed\Left Hand\Fixed

FRF indicates Fixed\Right Hand\Fixed

LRR indicates Left Hand\Right Hand\Right Hand

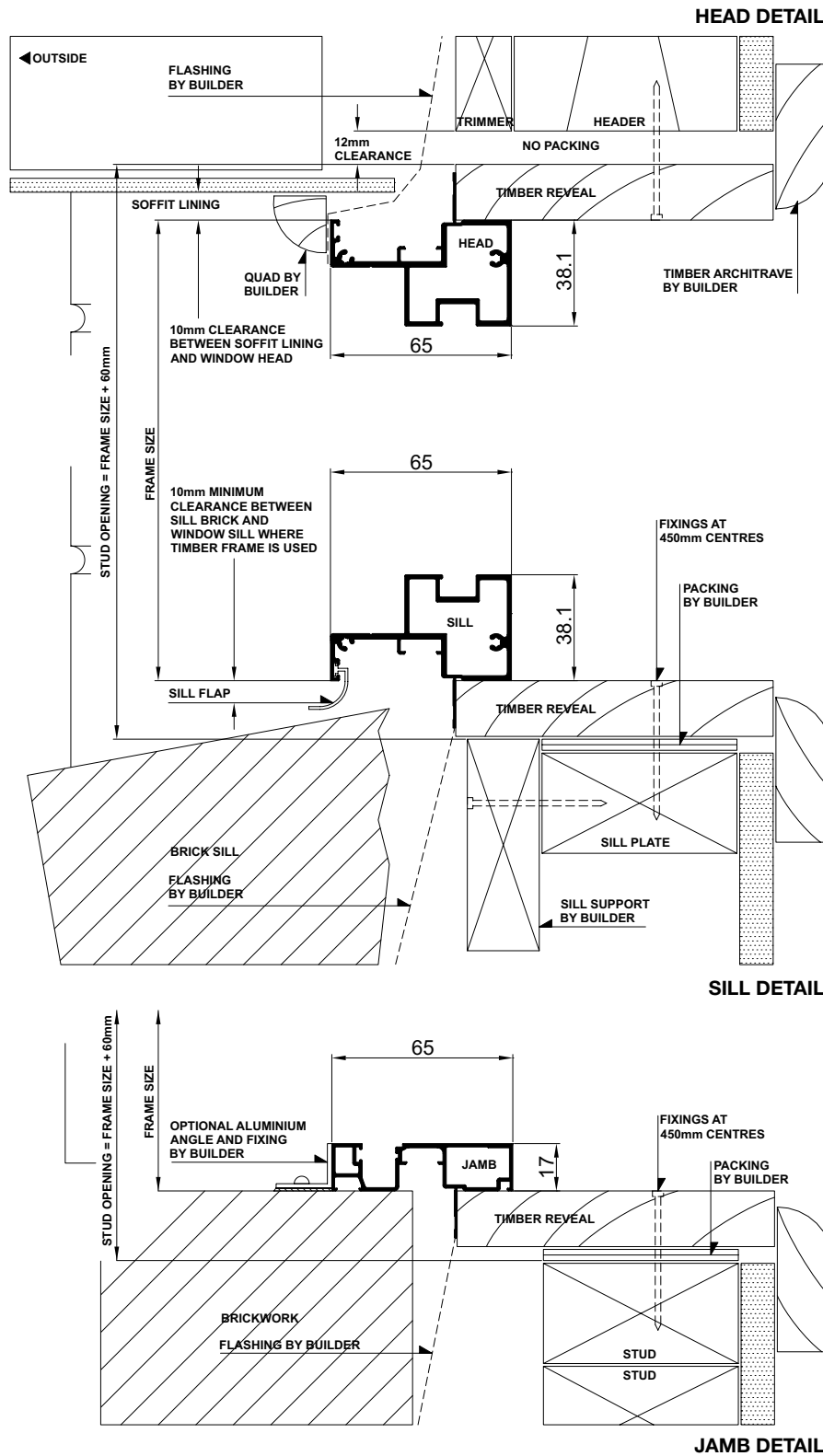
LLR indicates Left Hand\Left Hand\Right Hand

FFF indicates Fixed\Fixed\Fixed

T after the size indicates a Transom

# Installation

Quantum® Casement Window | Building In Detail | **Brick Veneer - 230mm wall**



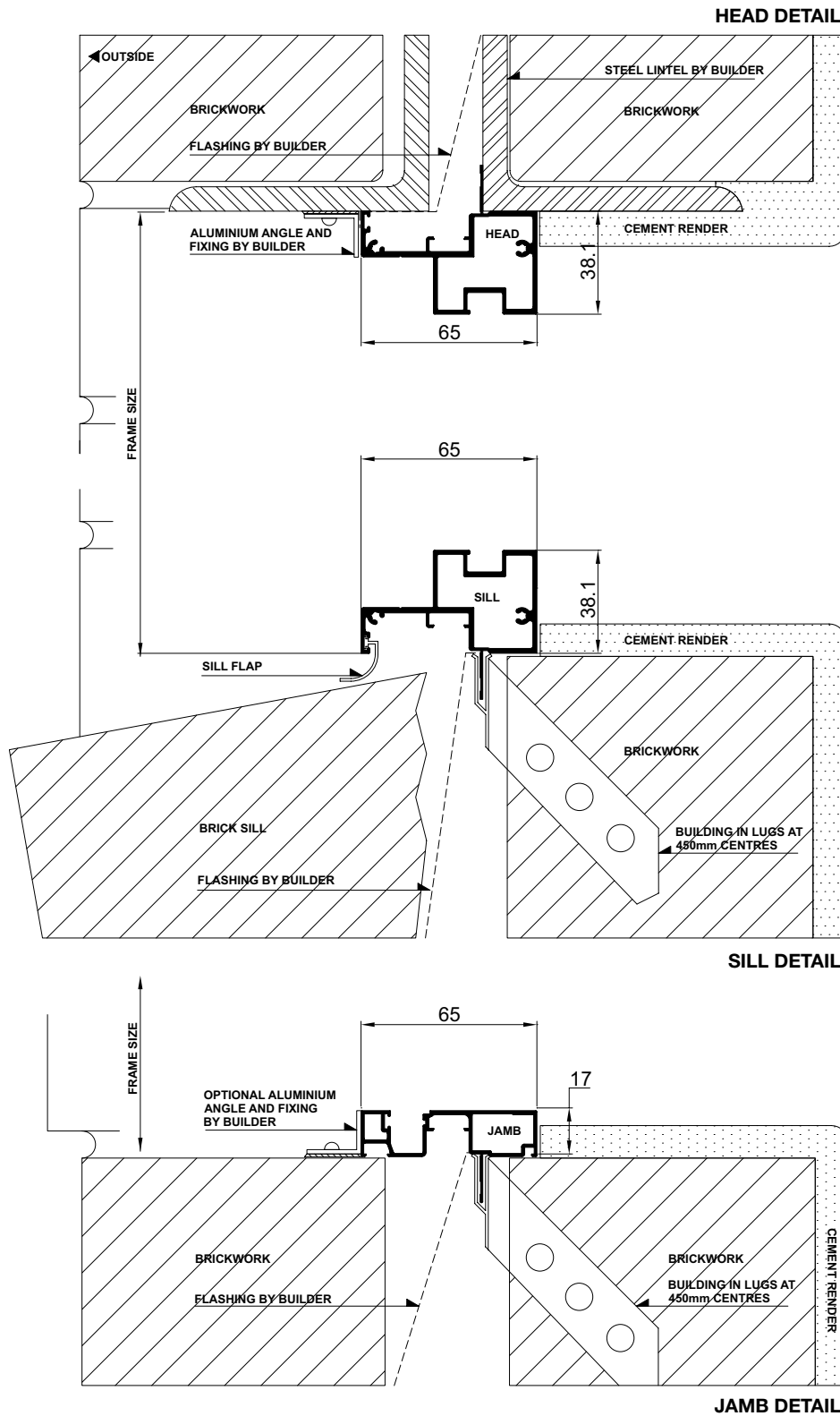
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Installation

Quantum® Casement Window | Building In Detail | **Double Brick - 280mm wall**



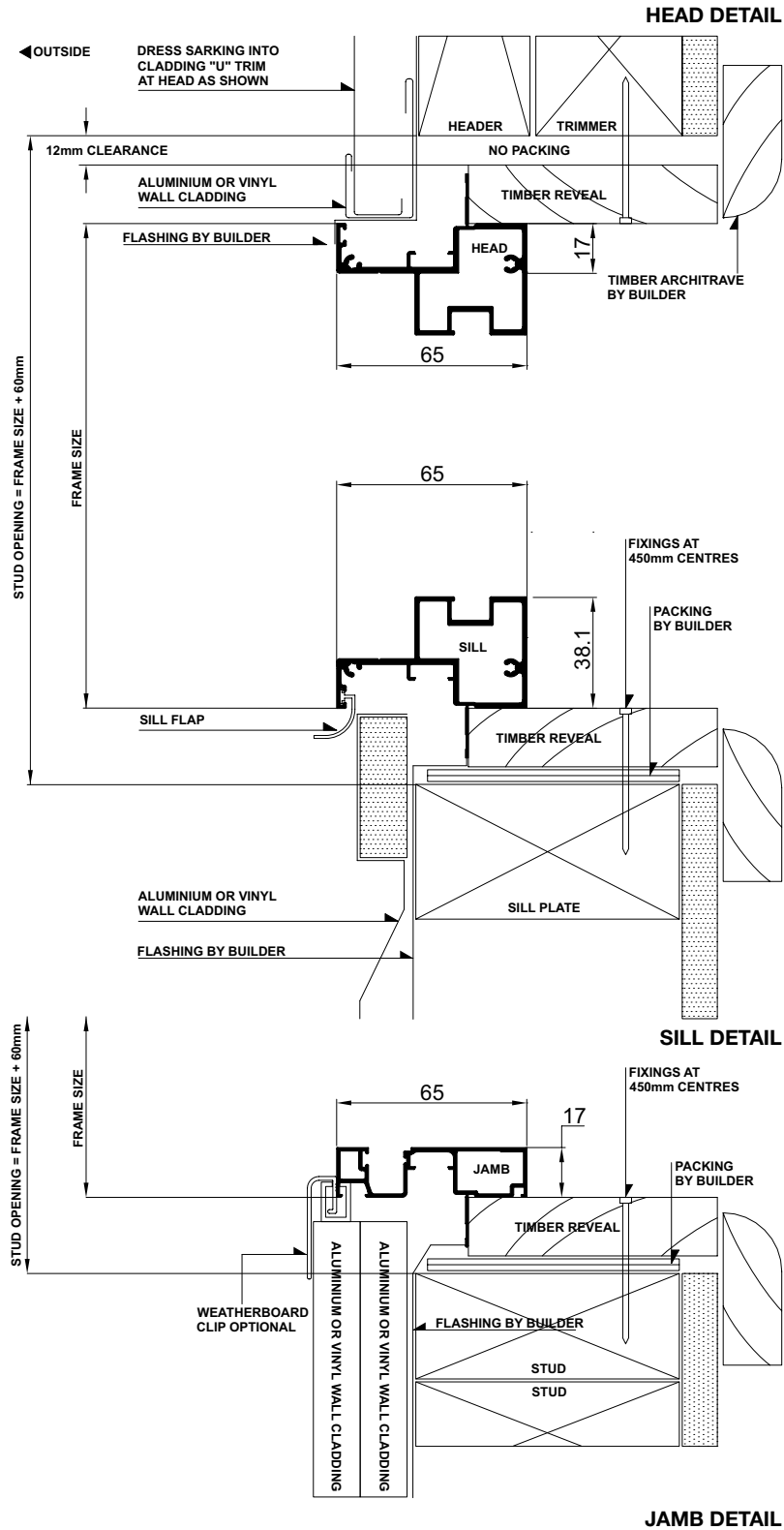
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Installation

Quantum® Casement Window | Building In Detail | **Aluminium Cladding on Studs**

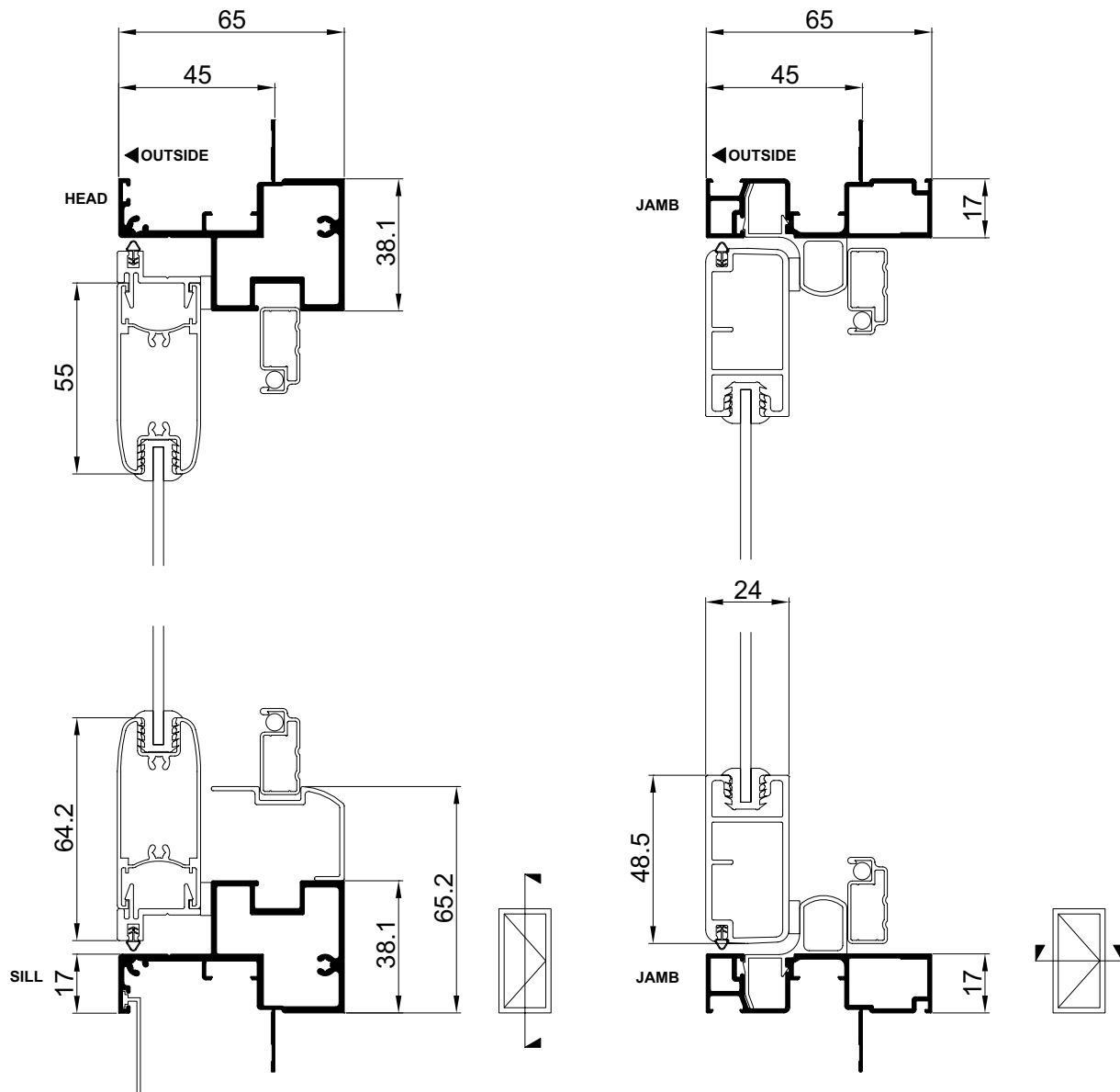


Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

# Cross Sectional Views

Quantum® Casement Window | **Single Lite**



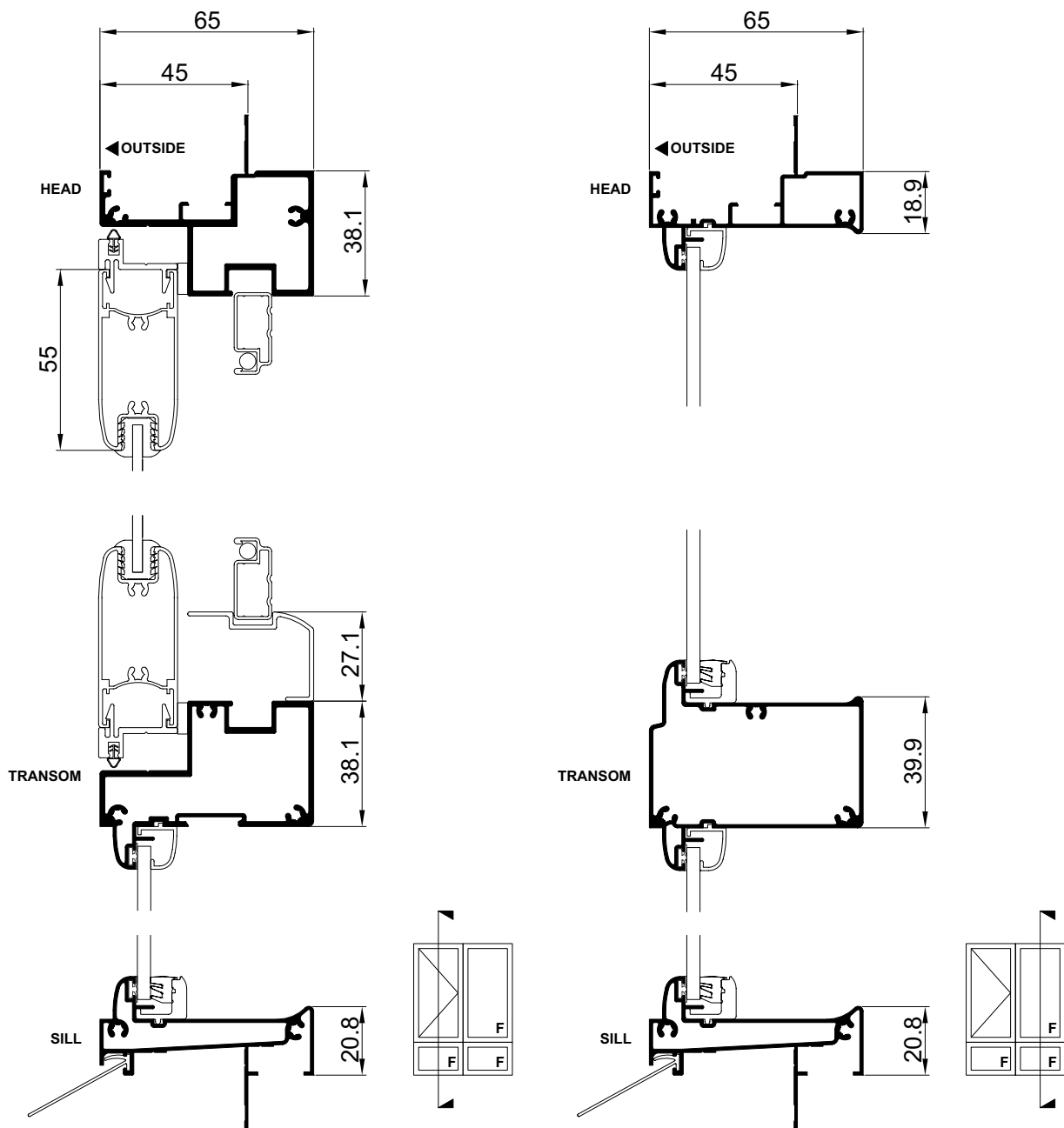
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Cross Sectional Views

Quantum® Casement Window | **Two Lite with Lowlite**



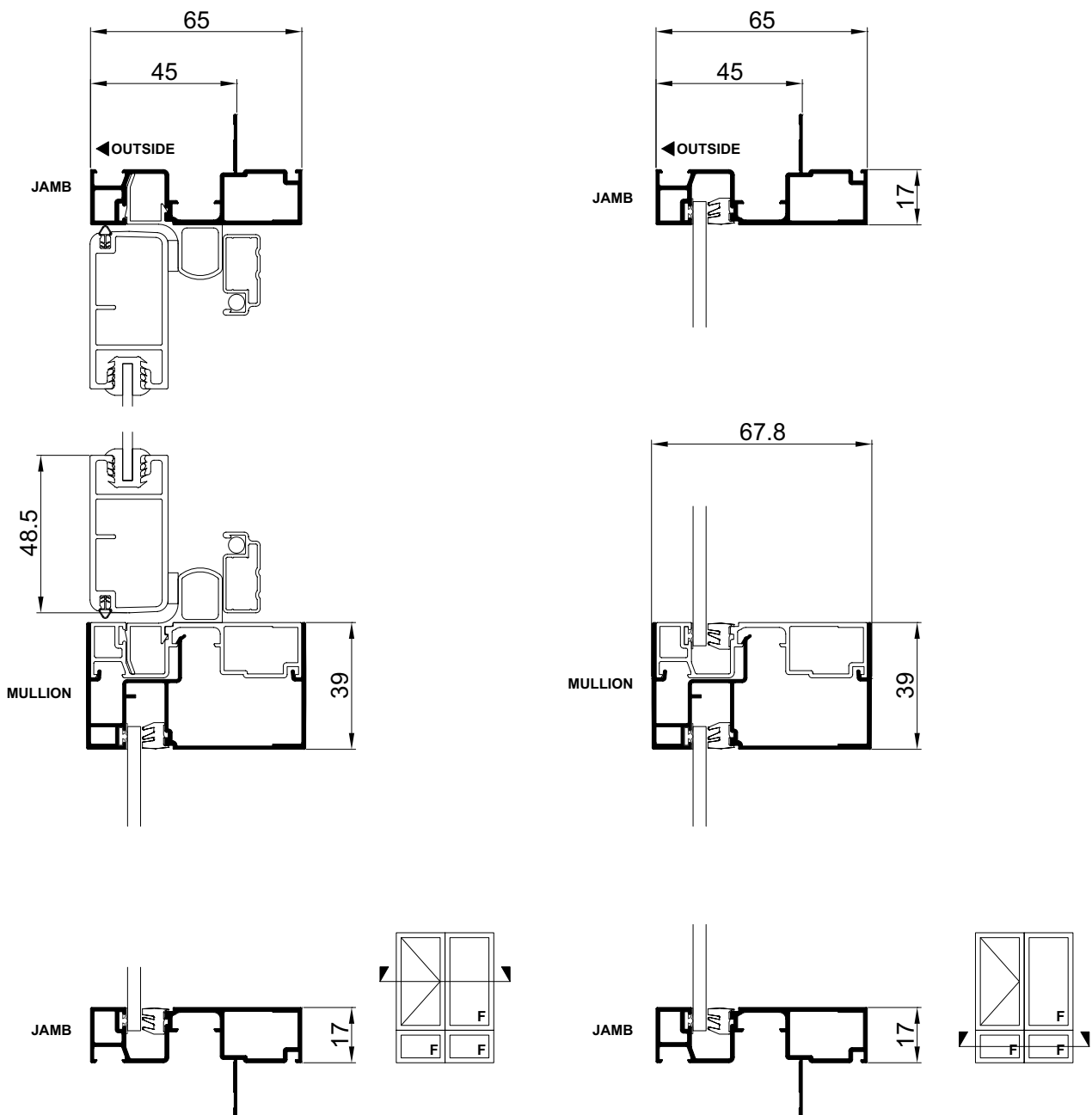
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Cross Sectional Views

Quantum® Casement Window | **Two Lite with Lowlite**



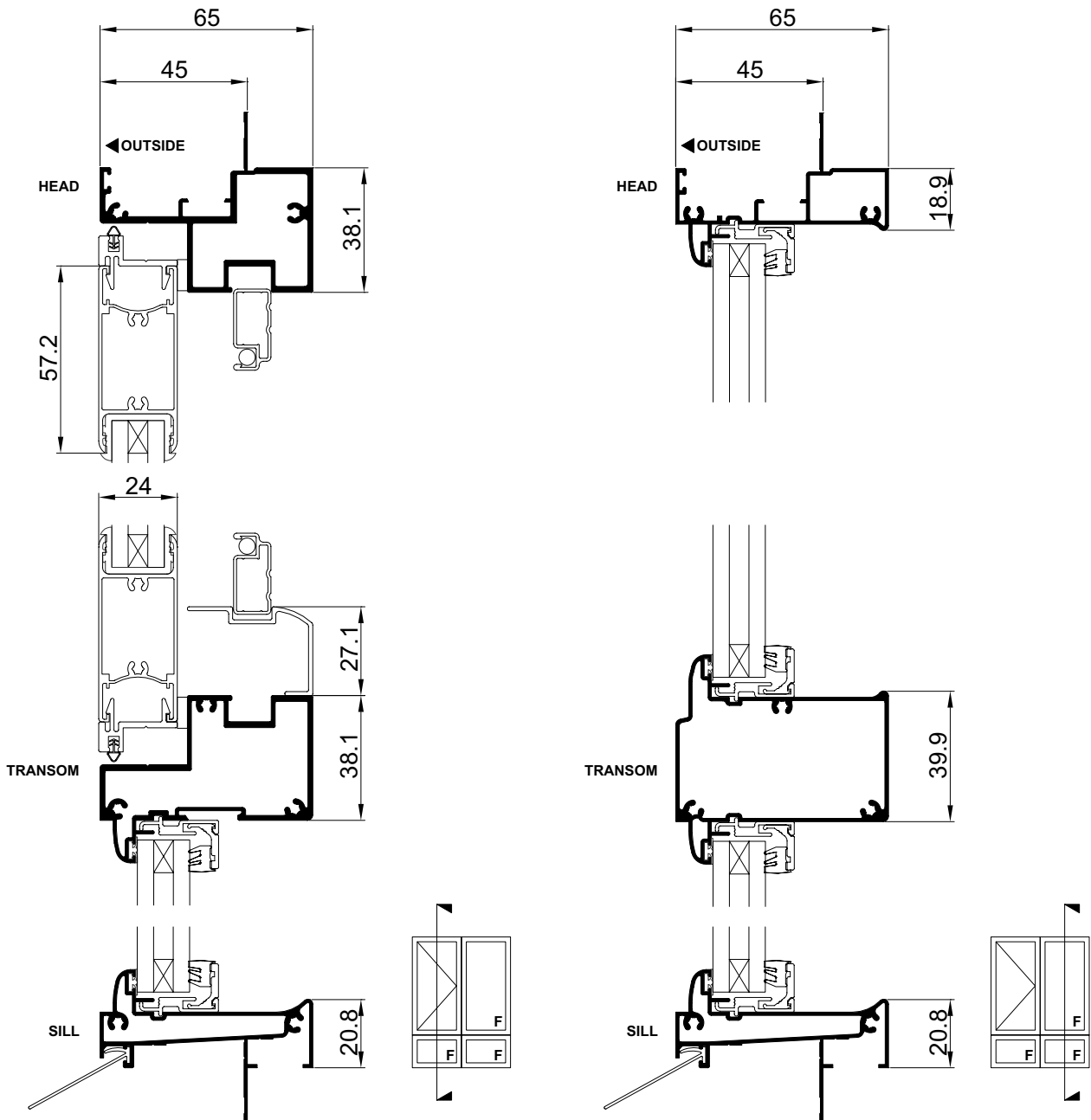
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Cross Sectional Views

Quantum® Casement Window | **Double Glazed**



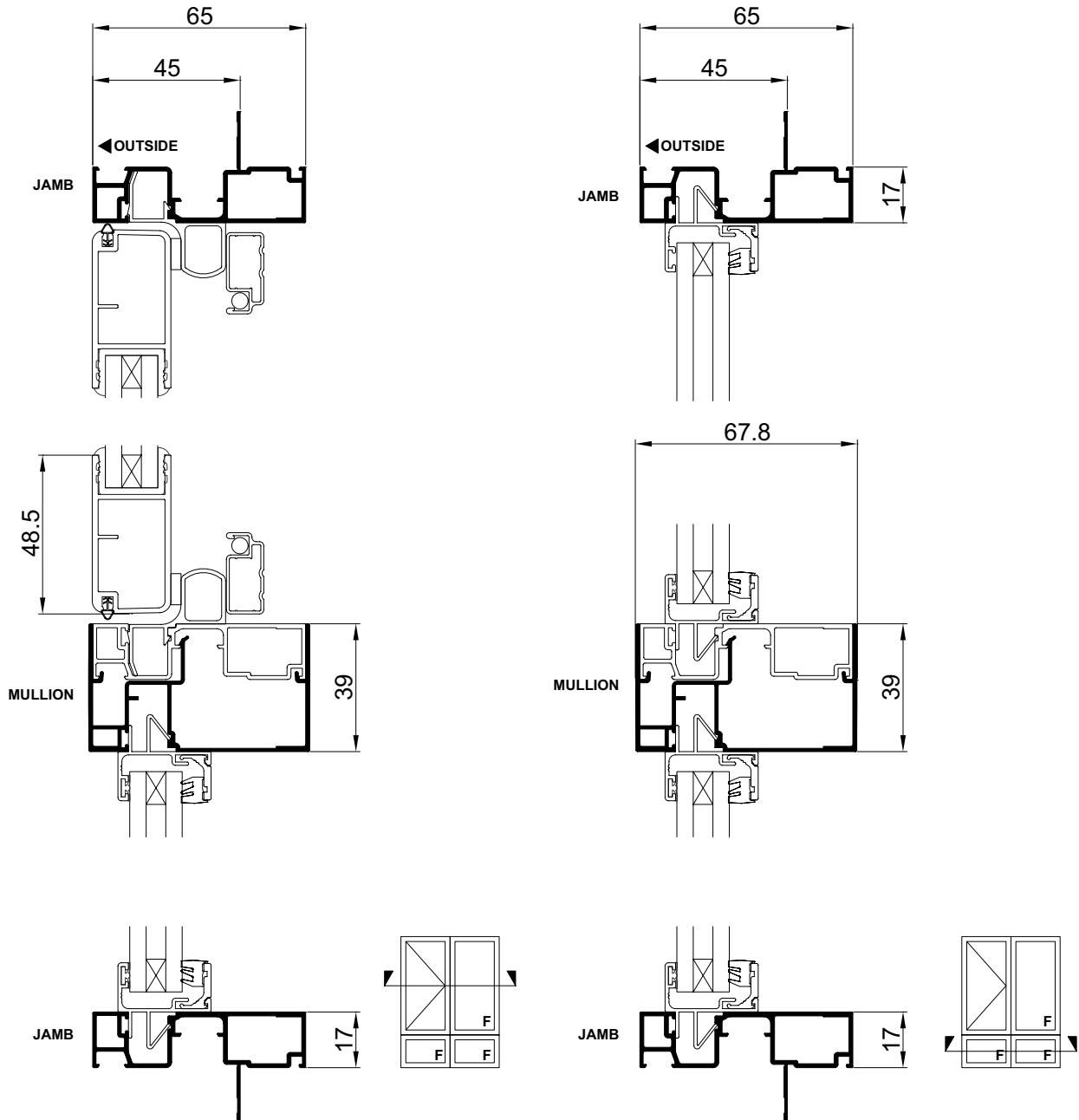
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Cross Sectional Views

Quantum® Casement Window | **Double Glazed**



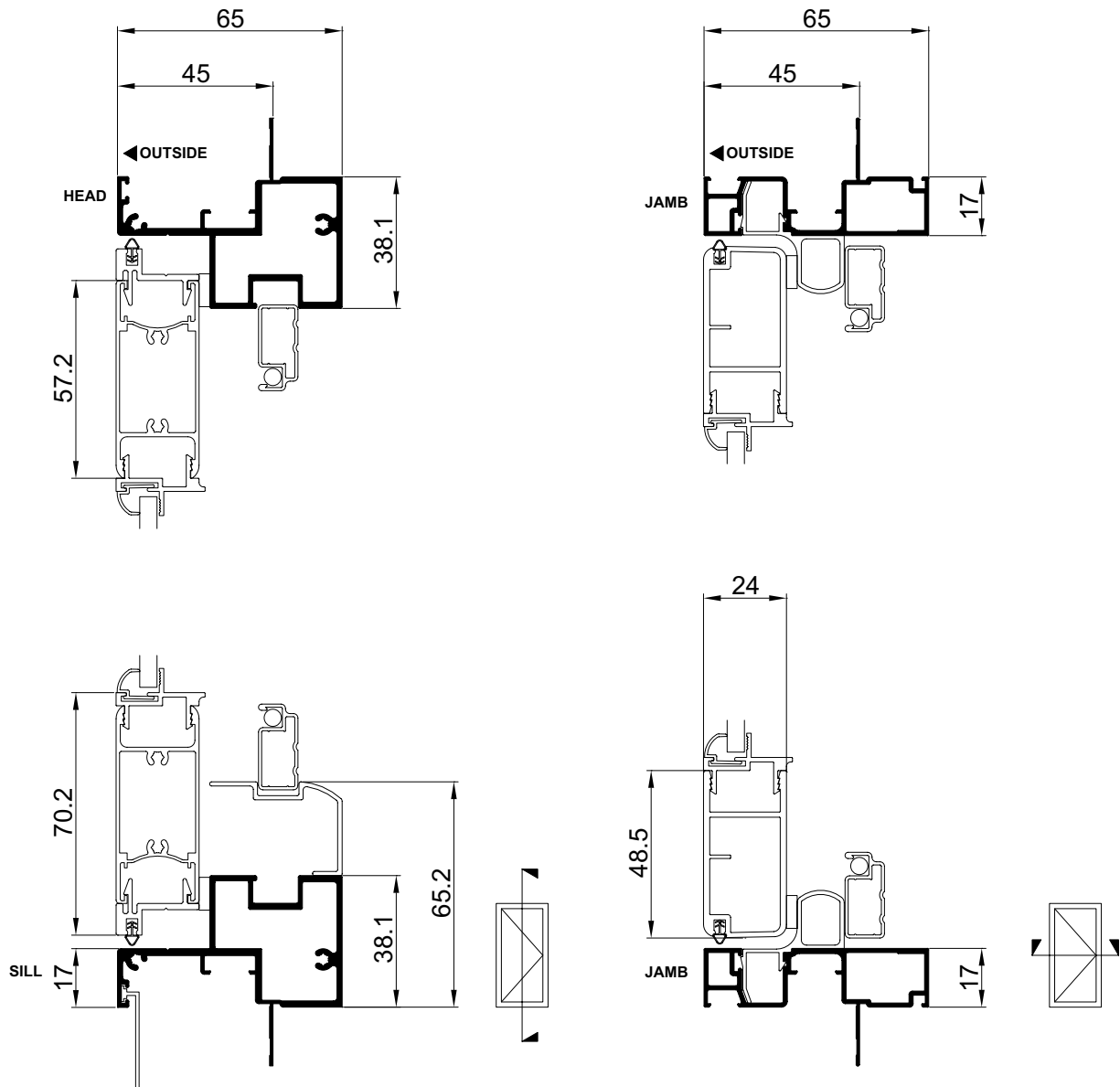
Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.

# Cross Sectional Views

Quantum® Casement Window | **Ovolo Glazing**



Please note that drawings are not to scale

Quantum® Casement Window | QPC | Mk-4 | 1 Jul 2009

Confidentiality Notice: This document and the information it contains are copyright and confidential to Trend® Windows & Doors Pty Limited. Disclosure, use and copying in any form whatsoever, except as authorised by Trend® Windows & Doors in writing, are strictly prohibited. Patents and Design Registrations pending.