



Balanced Vertical Slider

Balanced Vertical Slider Glide

BVS & BVSG

Panel Orientation

- Both Panels Slide – weight supported by spring balances.
- Composition Timber, Aluminium & Glass
- Panels Not Removable
- Button Control Interlocker
- BVS = Panels slide up/down to a fixed point
- BVSG = Panel slide up/down completely past each other.



Closed



Part Open



Interlock Button

Technical Information

Panel Configuration

Both Panels Slide, Panel Sizes can be specified to match the primary window sash sizes.

Standard Format: Lower panel on front track closest to room, slides up in front of top panel which slides down behind the lower panel.

Panel Slide Limit – Panels do not slide to the full center / interlocking point, there can be a 60mm – 150mm offset, subject to the Width x Height X Glass weight ratios.

BVS Only This format can be reversed on request – i.e. top panel sliding down in front of lower panel.

This can be selected as an optional extra – title "Top Orientation" this is the standard for Arched units.

BVSG – Panels slide completely past each other. NOTE: not ideal for offset panel sizes, where the top panel is notably smaller than the lower panel, as access to the upper panel can be restricted. Cannot be arched.

Panels removable

No

Unit Build Size

Min 250mm x 390mm

Standard Max 6.8mm glass 1500mm x 3000mm

Ultra-Panel glass 8.8mm to 10.8mm glass Max 1400mm x 3000mm (note weight management)

Maximum Panel height 1800mm weight 48kgs

Glass

Standard glass 4mm toughened – Standard panel maximum glass thickness 6.8mm

Ultra-Panel glass thickness: 8.8mm to 10.8mm

Glass thickness is determined by unit widths x heights and panel size, the minimum glass thickness will automatically apply if too large for 4mm.

Thermal Performance: Variable

Standard 2.7 w/mK / *Low-E 1.8 w/mK

Acoustic Performance: Variable

Mid-Range Spec* 48dB / High spec 54dB

Specification

- Aluminium 6063-T6 alloy BS EN 755-9 standard, power coated to BS 6496 to 60 - 80-micron finish
- Stock finish: White – RAL 9003 Satin.
- Finishing Trim included: 20mm White PVC-U single bullnose trim as standard. Painted PEFC timber available with colour units or upon request.
- Button Control Interlocker
- The Sub-Frame Primed high quality 2-coats, FSC Mix credit radiata pine clear grade, FSC mix credit TT-COC-002 157.
- Standard Sub-Frame sizes 43mm x 16mm & 62 mm 16 mm.
- All Frames are factory glazed.
- Standard gasket colour is white
- Lower Panel front track (room side) upper panel back track

In line with our company policy of continues product development and improvement Clearview reserves the right to minor alterations without notice.

Optional Extras

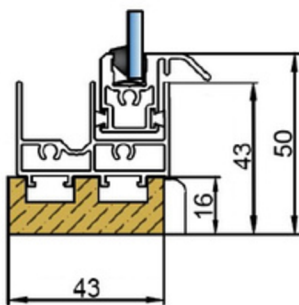
- Black Gasket
- Key Locking Button
- Travel Limit Stop
- Multi-unit coupling section for stacking connecting.
- Reverse panel sliding configuration.
- Trickle vents / acoustic trickle vents
- RAL colour options
- Timber bevelling for splayed reveals and bay formation. – *see options below*
- Wider finishing trim options
- Timber sizes other than standard

Frame Details

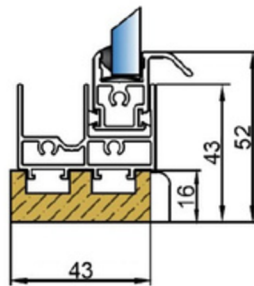
Standard
Sub-Frame
43 x 16mm



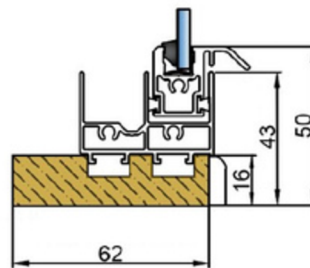
XL
Sub-Frame
62 x 16mm



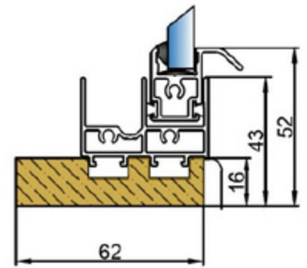
Standard Frame



Standard Frame
Ultra-Panel



XL Frame



XL Frame
Ultra-Panel

Fixing Options

Face Fixing:
Pre-drilled
Front-to-Back



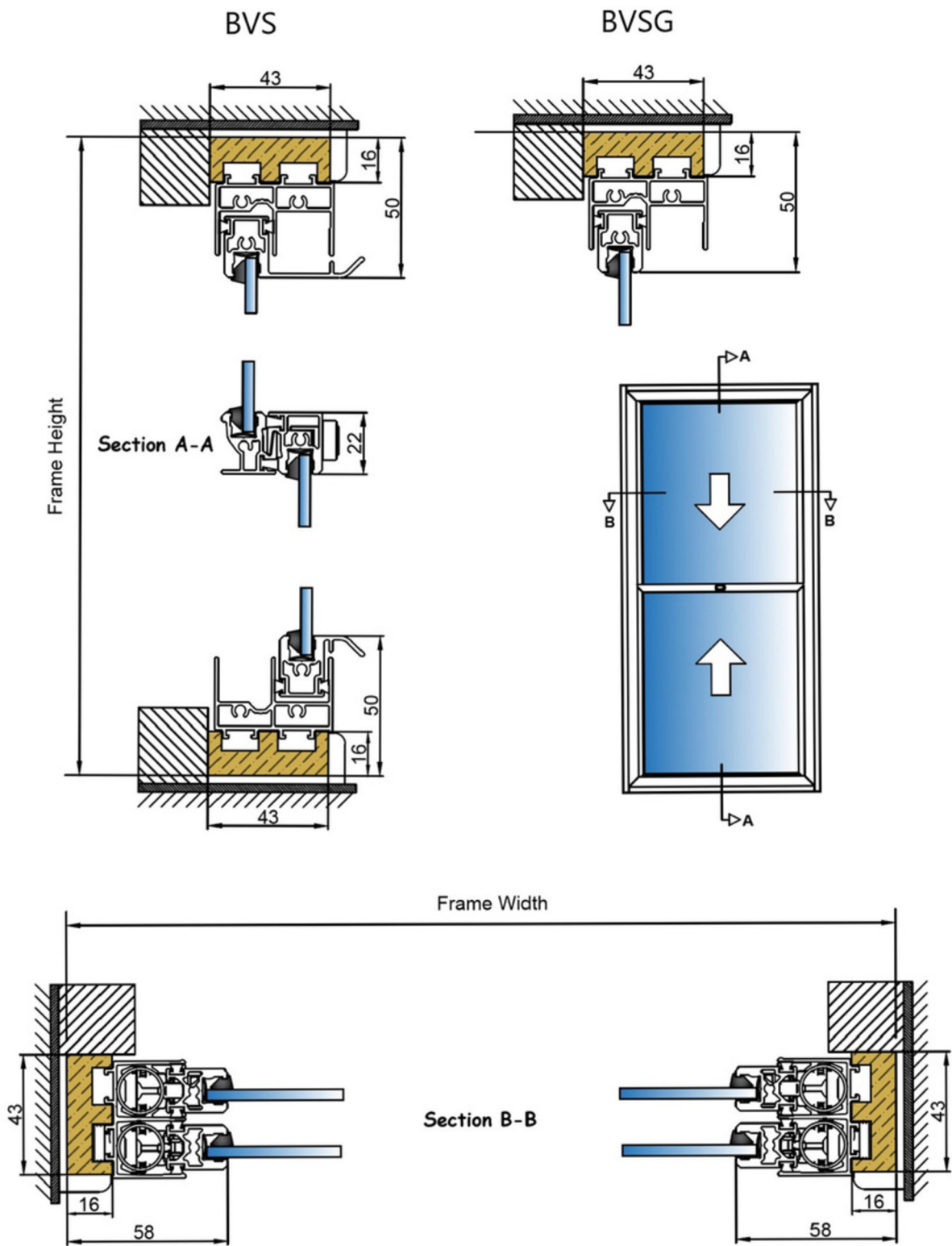
Reveal Fixing:
Track Drilled on
site by installer.



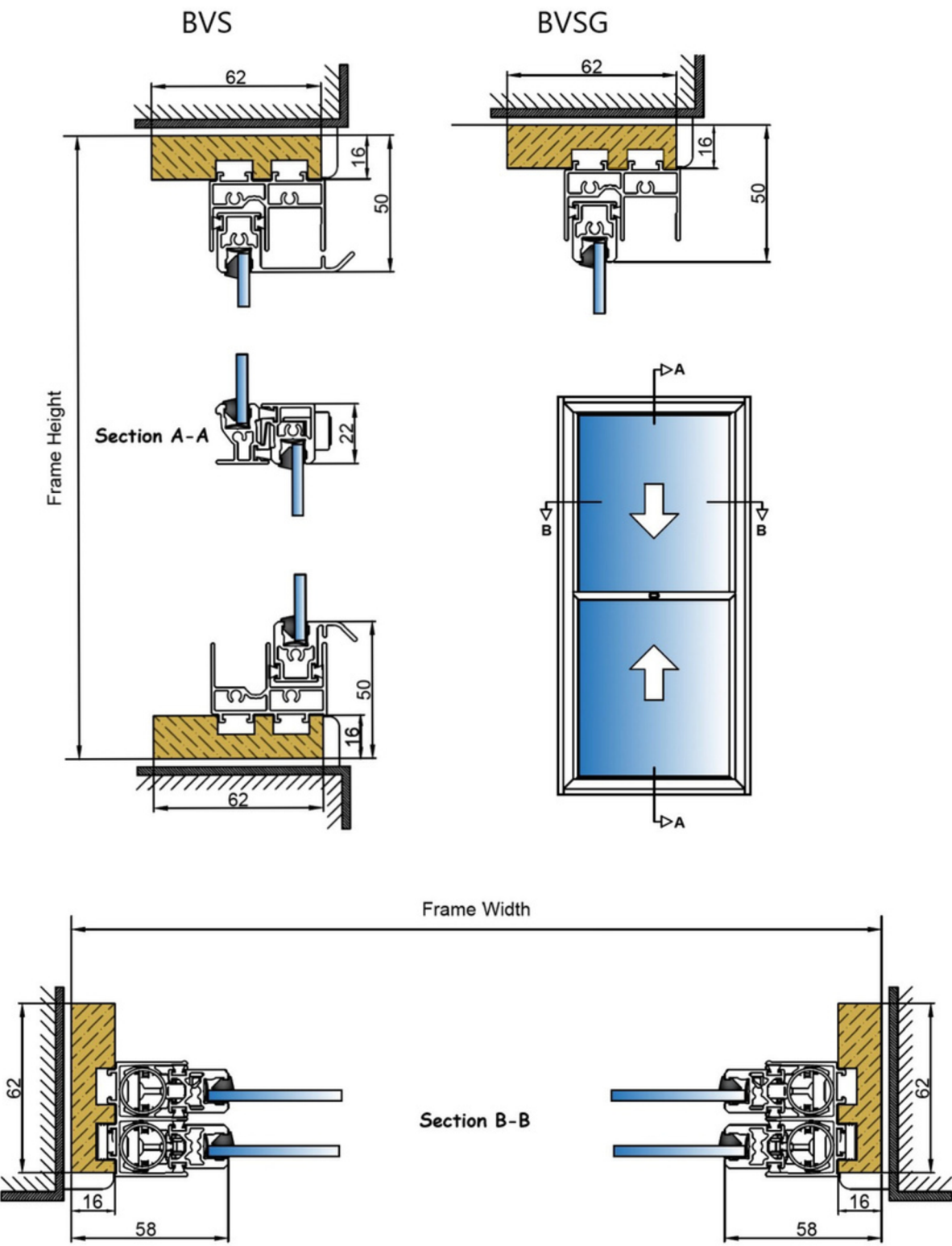
Reveal Fixing:
Pre-drilled
through XL timber



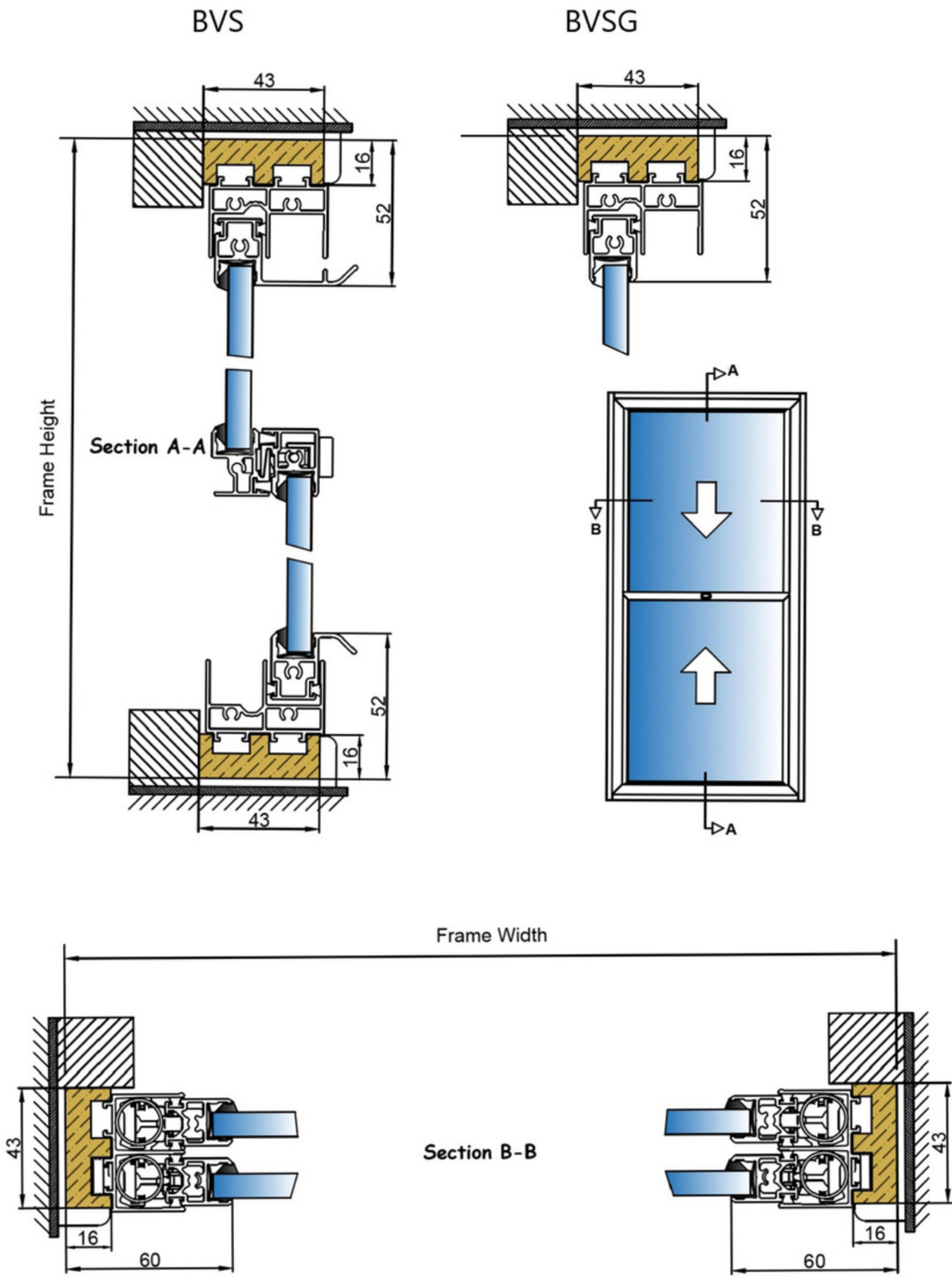
BVS & BVSG Standard Frame Diagram



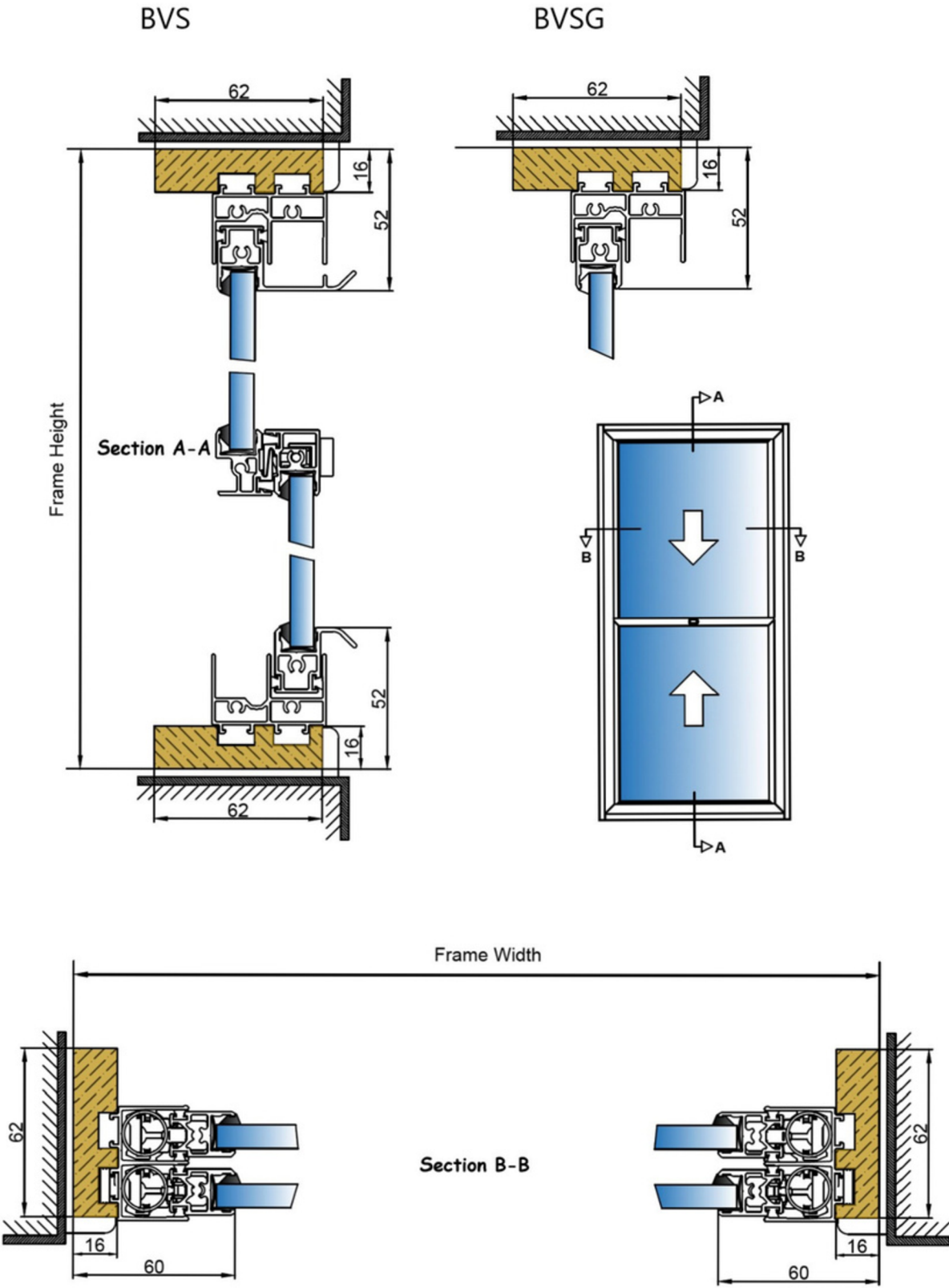
BVS XL & BVSG XL Frame Diagram



BVS Ultra & BVSG Ultra Frame Diagram



BVS Ultra XL & BVSG Ultra XL Frame Diagram



Timber Modification Options



Standard Timber Option



XL Timber Option



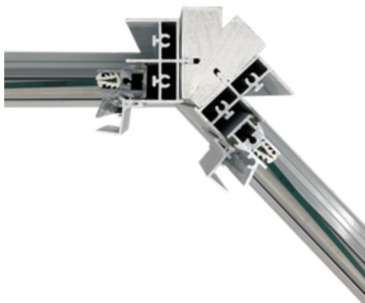
Bevelled Timber for Splayed Reveal



Example of Splayed Reveal



Angled Bay Bevelled Timber



Angled Bay Connected Timbers



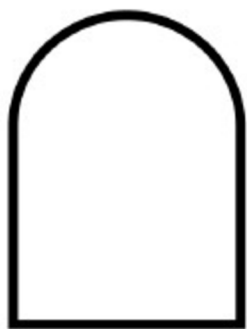
Square Bay Bevelled Timber



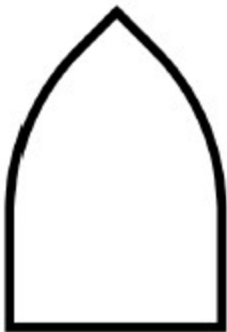
Square Bay Connected Timbers

Images for illustration purposes only

Frame Shape Options



Standard Arch



Gothic Arch

Templates are required from the customer



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