

TRANQUIL
SLIDING INSECT SCREEN FOR DOORS

General Documentation Disclaimer

This manual is intended as a manufacturing and installation advisory document. For correct specifications, sizing of profiles and structural information please consult the StarFront Application. If the information you require is not available through the StarFront Application, please contact a Wispeco Technical Representative before proceeding. It is advisable to have all sizing and performance criteria checked by a qualified structural engineer to ensure that all performance and compliance will be met.

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation. Training of Wispeco systems is important for ensuring correct procedures in the manufacturing of products.

Great care has been taken to ensure that the information provided is correct.

Ensure that you have the latest available manual. The revision number and date can be checked on the latest StarFront version.

Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

This Guide may be reproduced in whole or in part in any form or by any means provided the reproduction or transmission acknowledges the origin, revision number and copyright date.

Specifications concerning products and applications

This manual is based on standard configurations only. As there are many configurations not covered in this manual, contact a Wispeco Technical Consultant with regard to a configuration not represented herein.

AutoDesk drawings (CAD Symbol Library) are available on request and can be issued with the consent of the Wispeco Technical Department.

All mechanical joints must be sealed with Crealco Silicon. Failure to correctly seal the joints can affect the performance of the system. Information on joint sealing can be found in the Cleaning & Maintenance Manual available for download from the Wispeco website.

All drawings in the Wispeco Documentation are shown NOT to scale are used for illustrative purposes only. For correct sizing and machining of system profiles refer to the Wispeco StarFront Application.

Wispeco cannot accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

The use of non-specified hardware or incorrect mechanical fasteners can adversely affect the mechanical and weathering performance of the system and we strongly advise against deviations. A Wispeco Consultant can advise you of any hardware issues and limitations with regard to this system.

The use of anti-magnetic stainless steel screws and aluminium pop rivets is recommended to reduce galvanic corrosion in harsh environments.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAMSA specifications. When profiles are screwed together the screw centers must also be according to the user manual or as specified by an engineer.

All glass used within Wispeco products must comply with SAGGA regulations. Laminated glass must not stand in water.

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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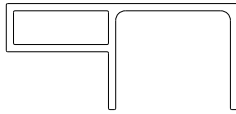


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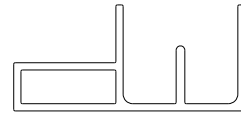
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Profile Identification

Tranquil Profiles



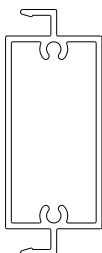
DIE No. W55134 Jamb/Head Rail



DIE No. W55135 Sill Rail



DIE No. W19216 Channel



DIE No. W55035 Midrail



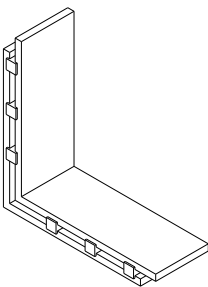
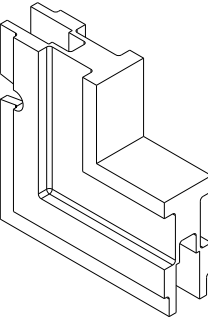

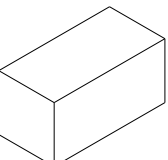
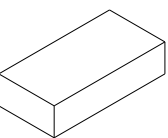
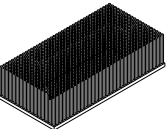

DIE No. W55036 Insect Sash

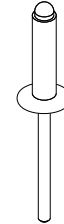
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Hardware Components

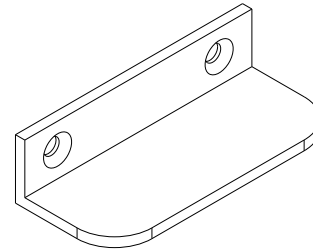
RECOMMENDED TRANQUIL COMPONENTS

All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com

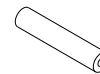
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	4 OFF	8 OFF
	2 OFF	4 OFF
	1 OFF	2 OFF
	1 OFF	2 OFF
	2 OFF	4 OFF
	4 OFF	6 OFF



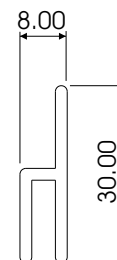
FRC-410
C/Sunk Rivet



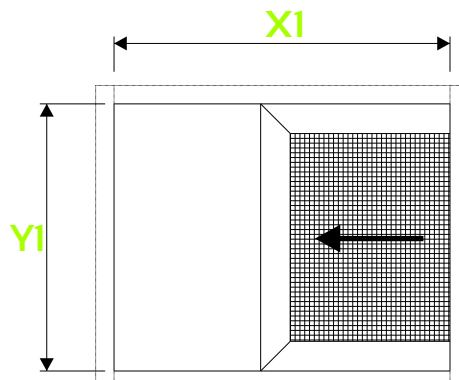
ISR-FSH
Handle



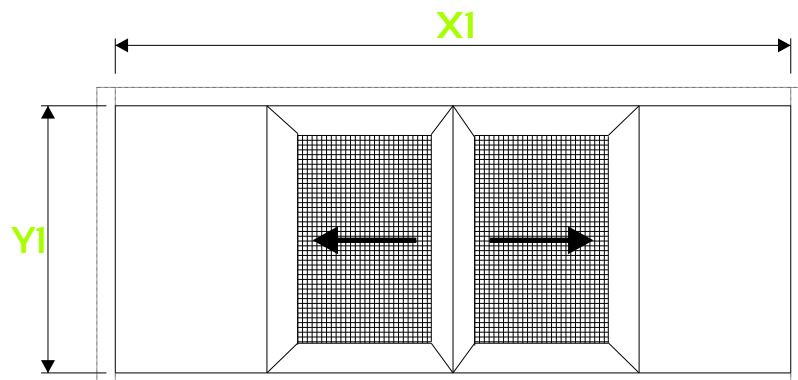
GSN-R505
Flyscreen Spline



GBW-24



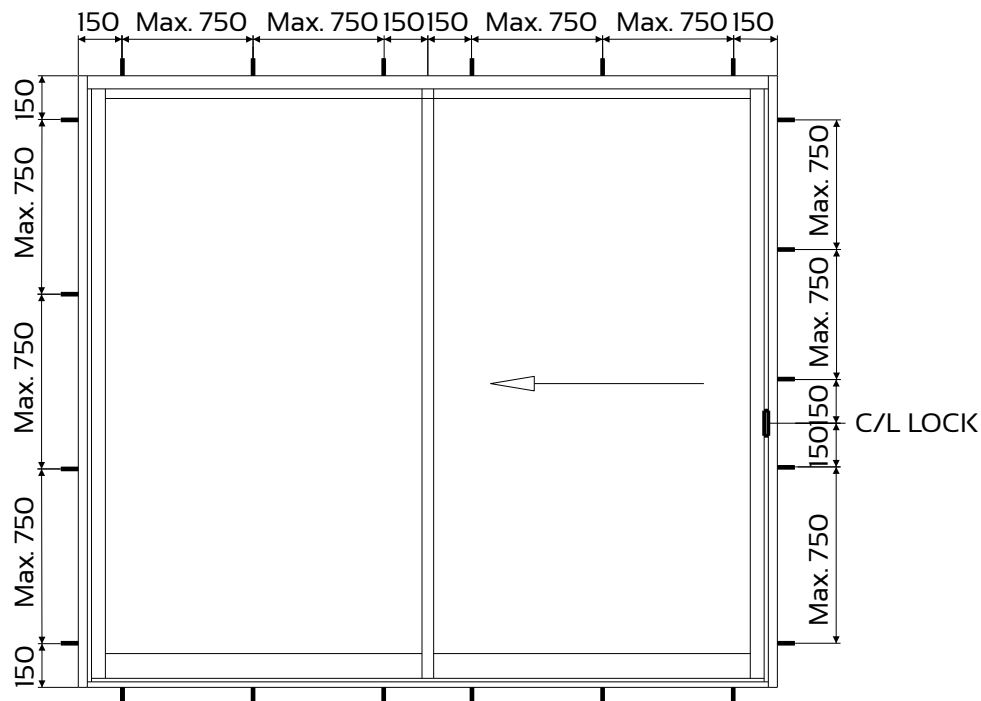
OX CONFIGURATION



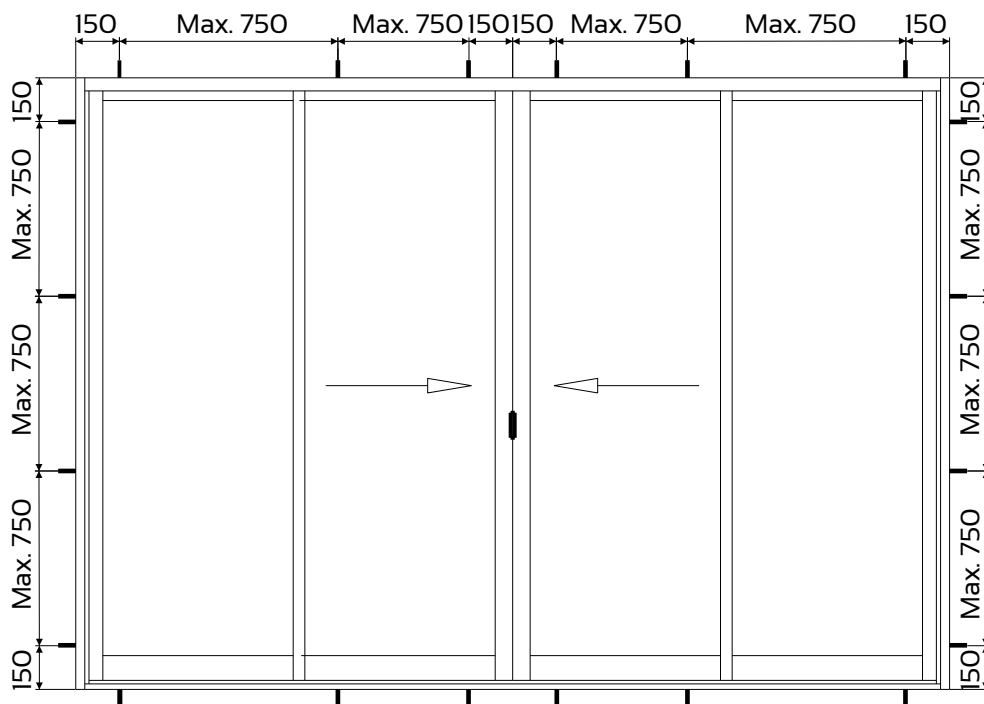
OXXO CONFIGURATION

MAXIMUM DOOR LEAF WIDTH = 1500mm

MAXIMUM DOOR LEAF HEIGHT = 2100mm



TYPICAL OX SLIDING DOOR &
HORIZONTAL SLIDING WINDOW

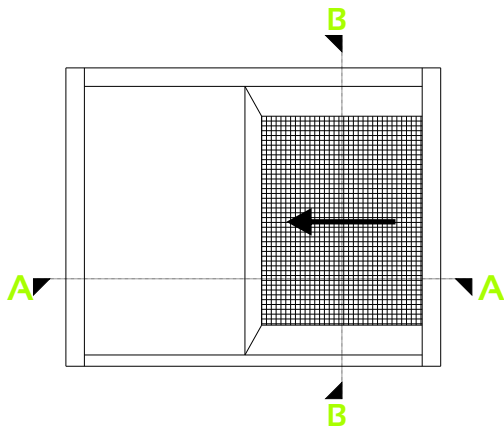


TYPICAL OXXO SLIDING DOOR &
HORIZONTAL SLIDING WINDOW

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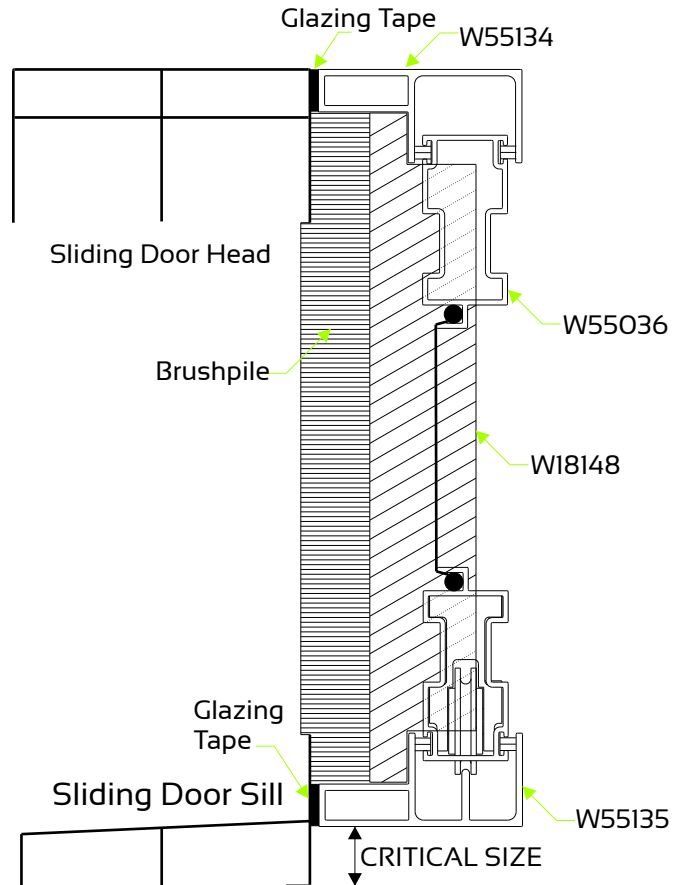
Cross Sectional Detail

on OX Configuration



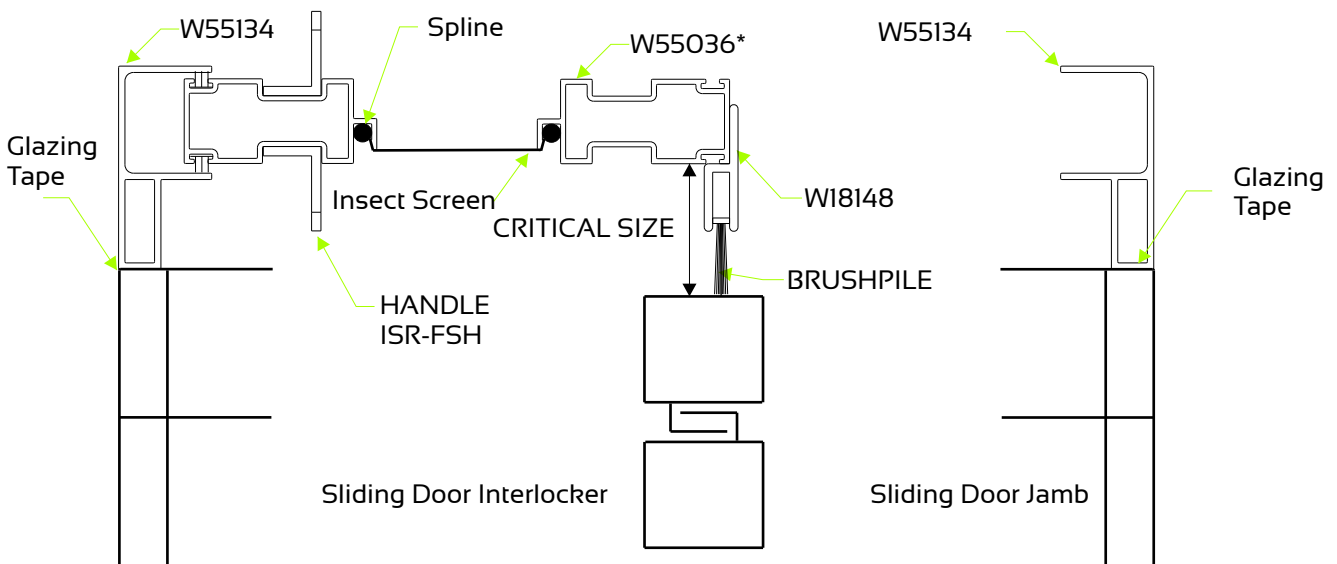
SECTION b-b

Section not to scale



SECTION A-A

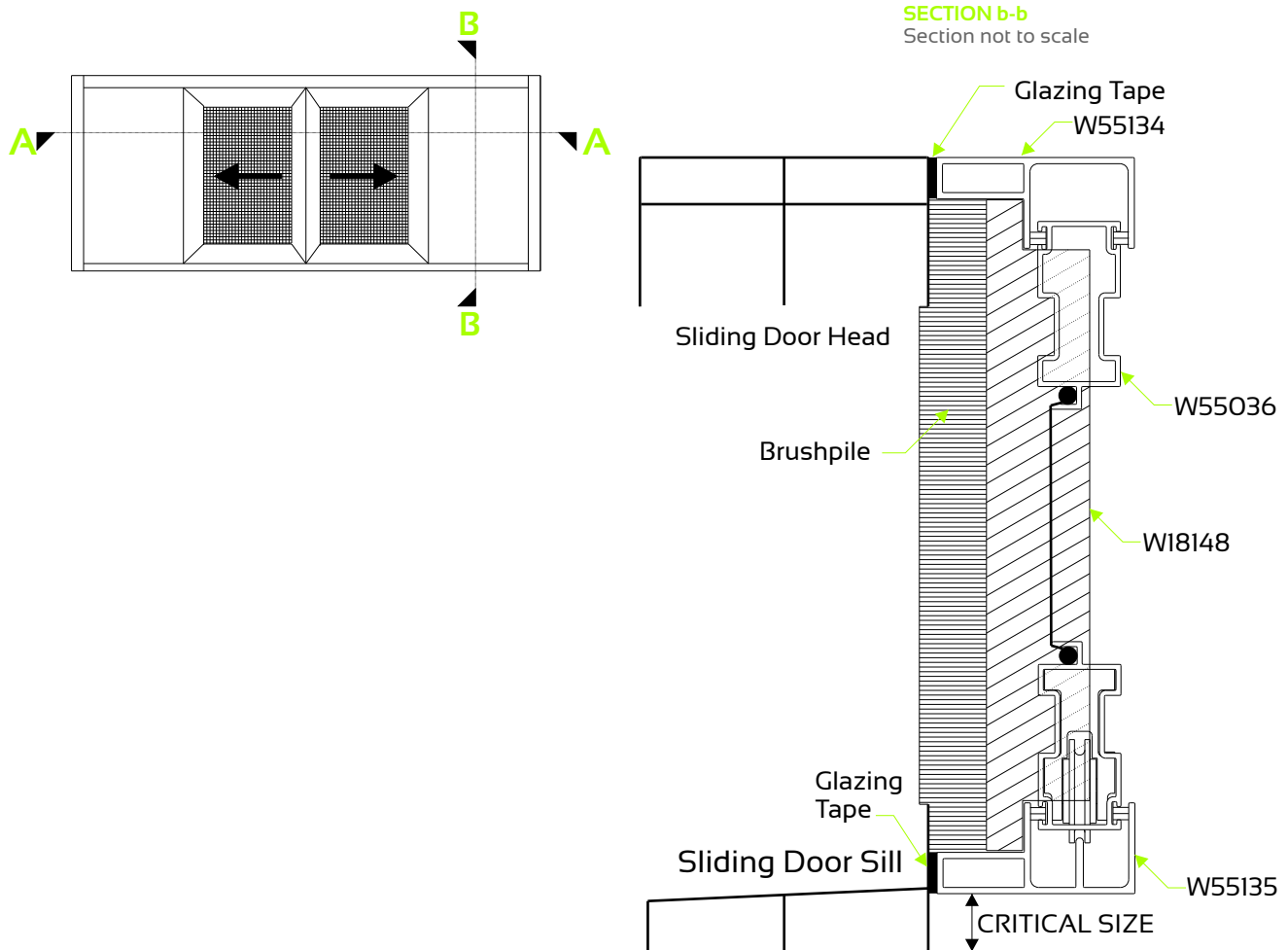
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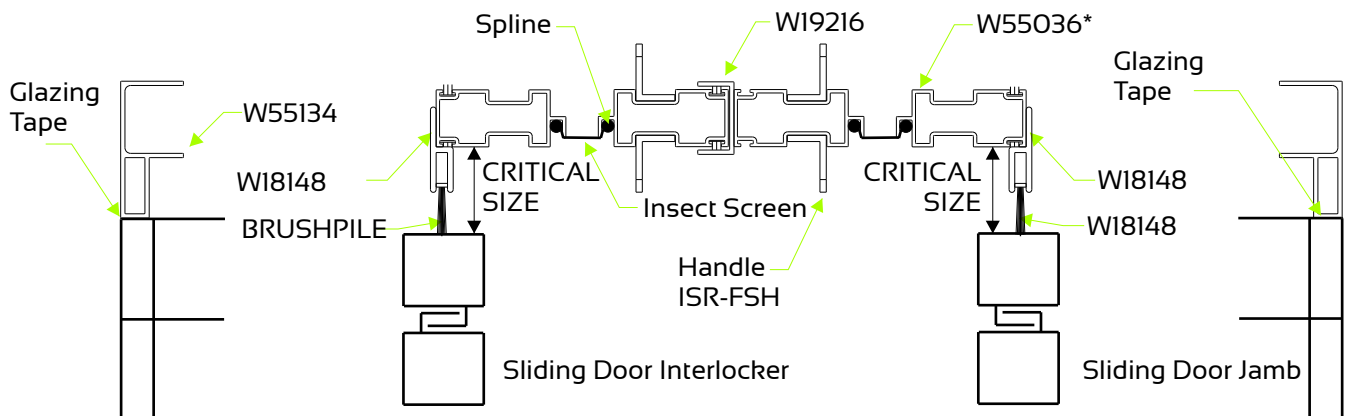
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Cross Sectional Detail

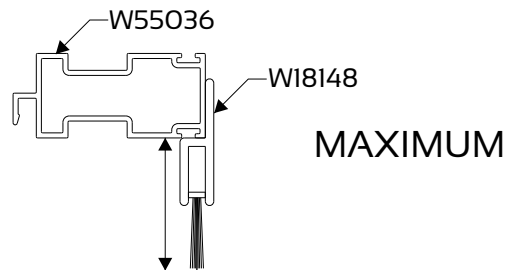
on OXXO Configuration



SECTION A-A
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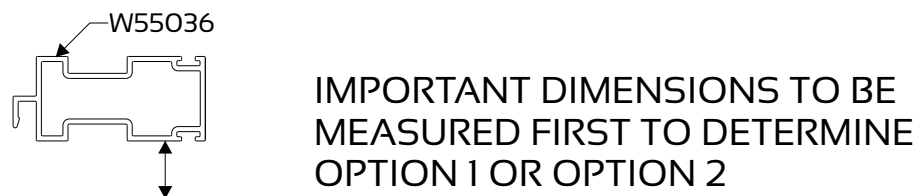
OPTION 1



OPTION 2

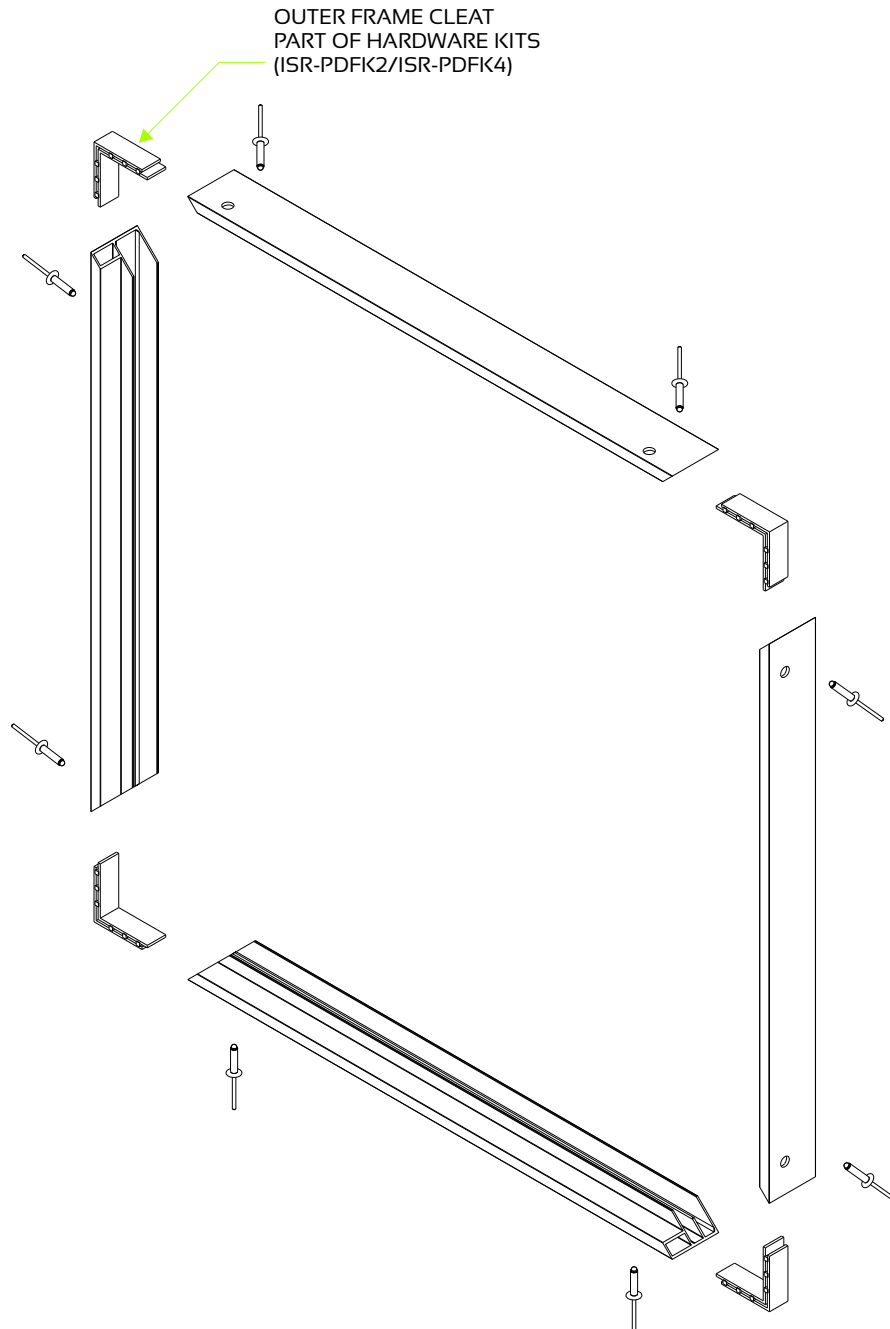


OPTION 3



Component Assembly Detail

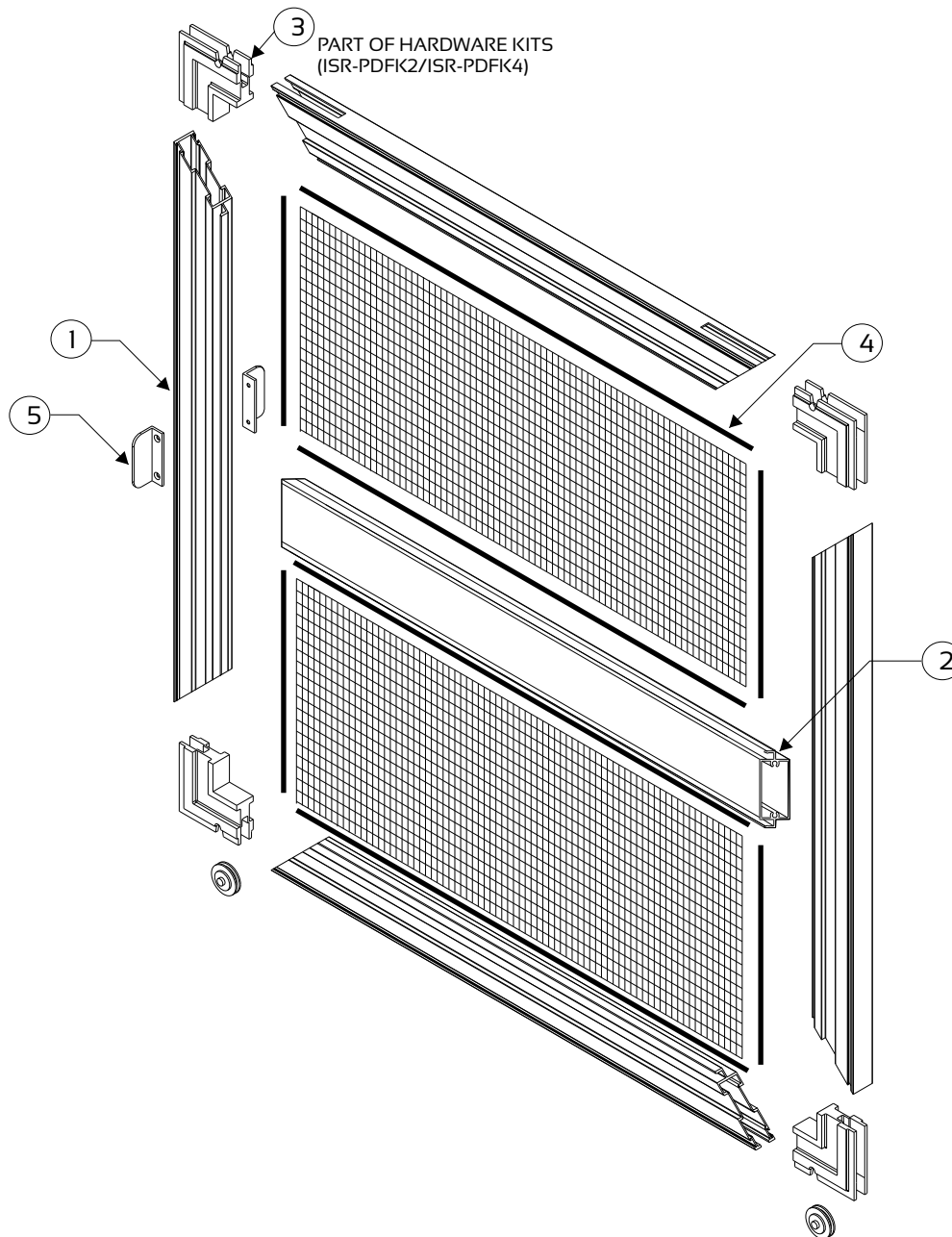
Outer Frame



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Component Assembly Detail

Sash Frame



System Profiles

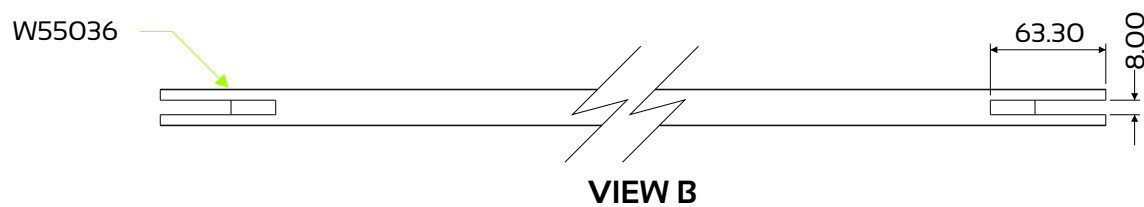
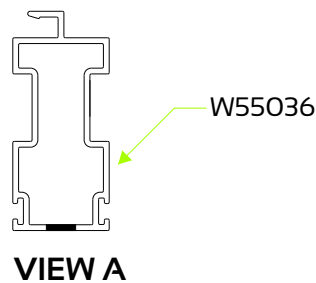
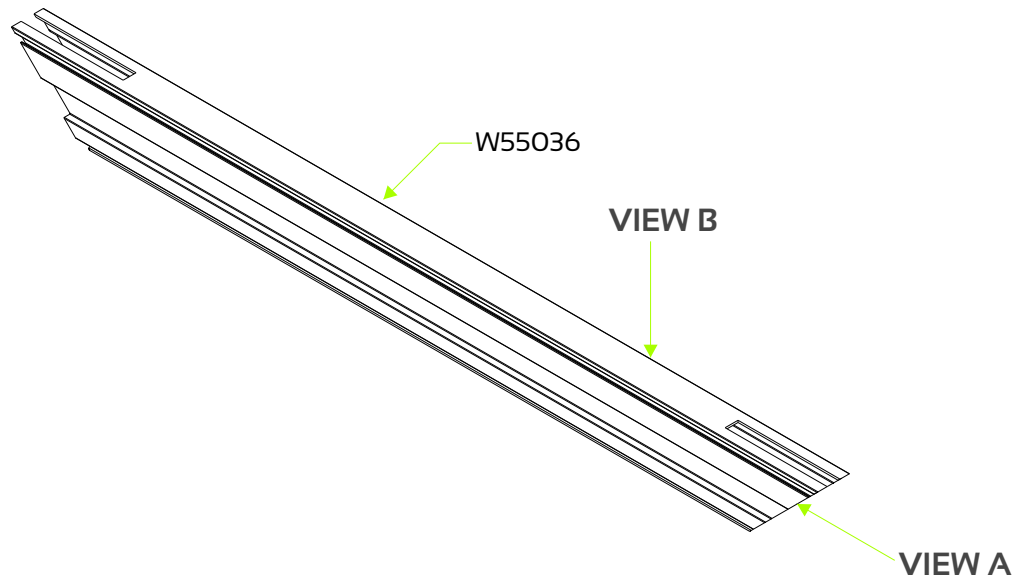
ITEM	QTY	DIE No.	DESCRIPTION
1	4	W55036	Insert Screen Sash
2	1	W55035	Insert Screen Midrail

Hardware

ITEM	QTY	COMPONENT DESCRIPTION
6	4	Sash Cleat
7	9	Flyscreen Spline
8	1	Handle

Machining Detail

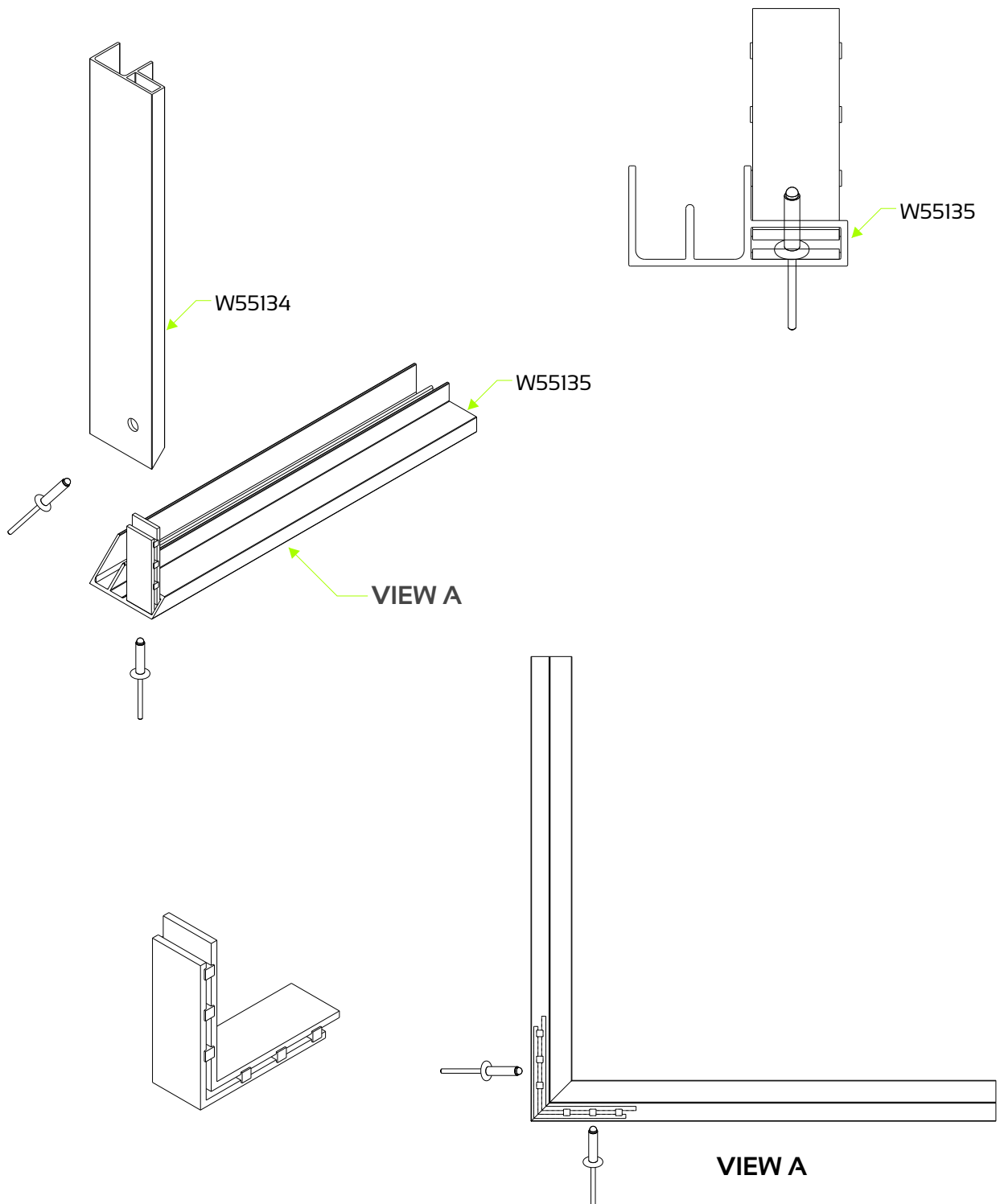
Sash For Wheel Positioning



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Assembly Detail

Outer Frame Cleat



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Assembly Detail

Sash Corner Cleat

