

Reflex Friction Stay



Egress

Features

- Easy to operate, durable and reliable design
- Designed to open initially to Egress in one operation
- Easy Clean is achieved by fully opening the window and pulling the sash
- Simply closing the window resets the hinge
- No depressing of buttons ensures safe operation
- High quality Stainless steel for long life performance
- 2 stack heights - 14mm and 17mm
- Adjustable friction screw to suit the individual weight of the window
- Capable of meeting the requirements of BS 6375 as part of a compliant window system
- Meets the requirements of BS 9999:2017
- Designed to meet the requirements of Building Regulations Approved Documents B Fire Safety 2019 edition in a window of appropriate dimensions
- The security performance of the window may be enhanced by the fitting of Hingeguards



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Ordering Details

Side Hung

Size	Stack Height	Part Code
12" 328mm	14mm	WFAESA1290
12" 328mm	17mm	WFAESG1290
16" 431mm	14mm	WFAESA1690
16" 431mm	17mm	WFAESG1690

Dimensions

Size (mm)	Nom Inch	Stack Height	Dim A	Dim B
311	12	14mm	263	-
414	16	17mm	366.5	206

Weights and Sash Sizes

	Size (mm)	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
Egress 12"	324	85°	600mm	1200mm	18kg
Egress 16"	427	85°	650mm	1300mm	20kg

To Comply with BS 9999

Egress Opening	Minimum Sash	450mm
Egress 12"	Minimum Sash (to comply)	572mm
Egress 16"	Minimum Sash (to comply)	559mm

Technical Information

Corrosion resistance

Meets the requirements of BS EN 1670:2007 Grade 4 (240 hours)

Performance

Meets the requirements of BS EN 6375-1:2004. Tested to 20,000 cycles

Safety

Designed to meet the requirements of BS EN 8213-1:2004 Code of Practice

Operation

Capable of meeting the requirements of BS 6375-2:1987

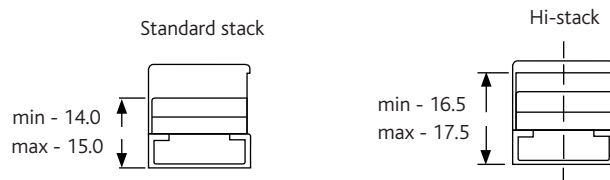
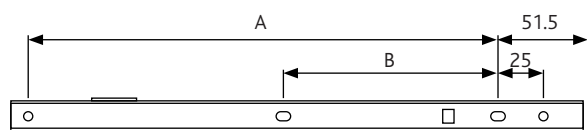
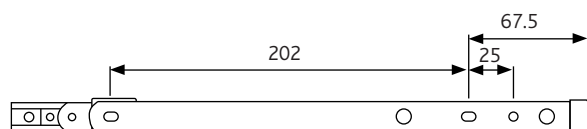
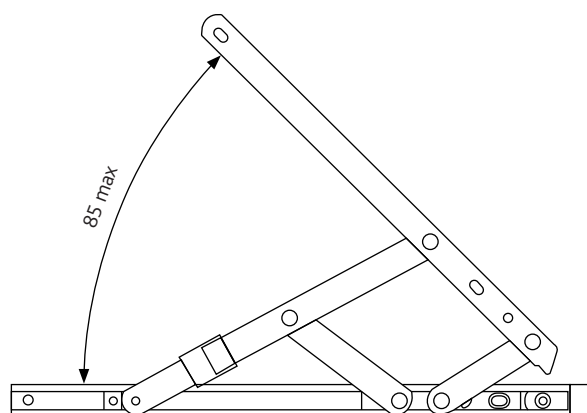
Egress

Capable of meeting the requirements of BS 9999:2017 and the Building Regulation Approved Document B (Fire Safety):2019 Edition

Material Specification

Bars, Arms and Rivets:	Stainless Steel BS EN 10088-2:2005 Ferritic - 1.4016 (S430 S17)
Locking Pin:	Stainless Steel BS EN 10088-2:2005 1.4305 (S303 S15)
Springs:	Stainless Steel BS EN 10088-2:2005 1.4301 (S304 S15)
All Plastic Mouldings:	30% Glass filled Nylon
Friction Screw & Skin Pad:	Brass BS EN 12164:1998 CW614N

***Document B - An unobstructed opening of not less than 0.33m² and at least 450mm wide or 450mm high and no more than 1.1m from the ground (the route through the window may be at an angle rather than straight through). Opening area and minimum width requirements vary by profile system (not just hinge geometry), data sheet dimensions are indicative only. Reflex Egress hinges are only suitable for side hung applications.



All dimensions are in mm.

ERA reserves the right to change specification without notice. It is the responsibility of the window manufacturer to ensure that the finished product meets any required safety and performance specification

Maintenance

The pivot point should be lightly lubricated twice a year and the surface cleaned with a soft cloth to remove any dust or grime. The product should be periodically adjusted and the fixings tightened to ensure a satisfactory operation.

Packaging

Size	Box Quantity	Box Weight
12" 328mm	30	13kg
16" 431mm	25	15kg