

Restrictor Friction Stay



Restrictor

Features

- High quality Stainless Steel for long life performance in accordance with BS EN 10088-2:2014
- Durable and reliable design
- Integrated mechanism to restrict the opening of the window to 100mm* in compliance with BS 8213-1:2004
- Rigorously tested in accordance with BS EN 13126-6:2008 and BS 6375-1:2009 to ensure maximum carrying weights in maximum size windows meet the criteria for lasting safe performance of the stay
- Pointed arm and nylon end cap provide gasket compression and smooth engagement
- Capable of meeting the requirements of BS 6375-1:2004
- All rivets are solid
- Anthracite grey end cap and nylon components enhances the look of the stay in a window
- 2 stack heights – 13mm and 16.5mm
- Available in Top Hung (12" - 24") and Side Hung (12" - 16")
- PAS 24:2016** security performance can be obtained in conjunction with a hingeuard in a compliant window system
- The hingeuard is designed to only engage when the window is under attack and prevents disengagement by supporting the friction hinge

* Restricted opening to 100mm depends up on window size

** Dependant upon window system and fitting conditions

Technical Information

Corrosion resistance

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

Performance

Meets the requirements of BS 6375-1:2009

Tested to 25,000 cycles of opening in accordance with BS EN 13126-1:2006

Operation

Meets the requirements of BS 6375-2:2009

Tested to BS EN 13126-6, Variable geometry stay hinges

Safety

BS 8213-1:2004 Restricted opening to 100mm is dependent on window size

Material Specification

Bars, Arms and Rivets:	Stainless Steel 430 (Standard: JIS G4305: 2012)
Rivet:	Stainless Steel 304
End Cap:	Anthracite grey RAL 7016 Nylon
Slider:	Anthracite grey RAL 7016 POM
Locking Screw:	Brass 62#
Slider Catch:	Zinc 3#



Mechanical Guarantee

Must be used in conjunction with a HingeGuard

PVCu

Timber

Aluminium

Must be used in conjunction with a HingeGuard

Restrictor Friction Stay

Ordering Details

Top Hung (double restrictors)		Part No.	
Size	13mm Stack Height	16.5mm Stack Height	
311mm 12"	WFSER12TH13SF	WFSER12TH17SF	
414mm 16"	WFSER16TH13SF	WFSER16TH17SF	
516mm 20"	WFSER20TH13SF	WFSER20TH17SF	
616mm 24"	WFSER24TH13SF	WFSER24TH17SF	

Side Hung (single restrictor)		Part No.	
Size	13mm Stack Height Left Hand	13mm Stack Height Right Hand	
311mm 12"	WFSER12SH13LSF	WFSER12SH13RSF	
414mm 16"	WFSER16SH13LSF	WFSER16SH13RSF	

Size	16.5mm Stack Height Left Hand	16.5mm Stack Height Right Hand	
311mm 12"	WFSER12SH17LSF	WFSER12SH17RSF	
414mm 16"	WFSER16SH17LSF	WFSER16SH17RSF	

Dimensions

Size (mm)	Nom Inch	Dim A	Dim B	Dim C	Dim D	Dim E	Dim F	Dim G
311mm	12" SH/TH	42.6	118.1	243.8	33	272.7	308.4	308.4
311mm	16" SH/TH	42.6	118.1	243.8	33	272.7	308.4	308.4
516mm	20" TH	45	206.4	314.4	33	432.2	-	505.6
616mm	24" TH	45	263.4	369.1	33	341.2	470.6	610

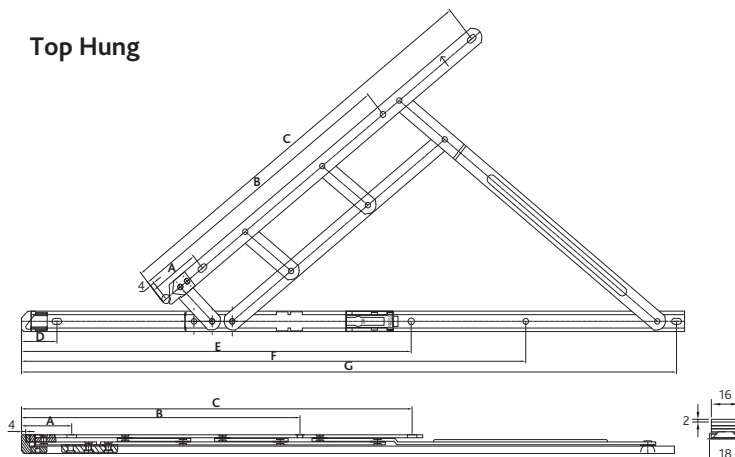
Weights and Sash Sizes

Size (mm)	Nom Inch	Approx. Opening Angle	Max Width (mm)	Max Height (mm)	Max Sash Weight (kg)
Top Hung					
311mm	12"	57°	1100mm	600mm	22kg
414mm	16"	61°	1200mm	600mm	25kg
516mm	20"	42°	1200mm	700mm	28kg
616mm	24"	39°	1200mm	750mm	35kg
Side Hung					
311mm	12"	57°	600mm	1100mm	22kg
414mm	16"	61°	600mm	1250mm	28kg

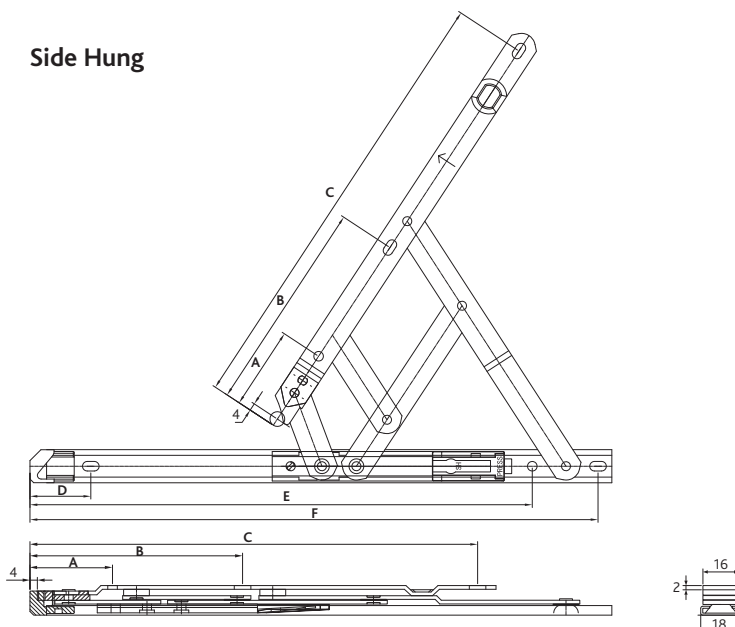
Packaging

Size	Box Quantity	Box Weight (13mm)	Box Weight (16.5mm)
Top Hung			
12"	311mm	30	13.2kg
16"	414mm	25	13.3kg
20"	516mm	20	12.6kg
24"	616mm	16	8.3kg
Side Hung			
12"	311mm	30	13.2kg
16"	414mm	25	13.3kg

Top Hung



Side Hung



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

IMPORTANT

- For top hung windows 2 restrictors must be used
- Restrictor hinges are to only be used as a restrictive opening and not for safety compliance

Maintenance

All moving parts should be lightly lubricated using a light non-acidic mineral oil (e.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation.