

# Defender Standard

A standard duty friction stay.

## Features

- Improved weather sealing and draught proofing performance from extended enclosed end cap and asymmetrical vent arm form to BS 6375-1
- Lipped slider for enhanced smooth operation
- Available in ferritic 430 as standard or austenitic 304 stainless steel for enhanced corrosion resistance
- Easy friction adjustment without metal to metal contact
- Unique robust cam friction device eliminates the risk of screw misuse
- Asymmetric location system for reliable and accurate closure
- Enclosed end cap to prevent ingress of debris and provide increased cavity tolerance
- Slot-hole-slot format allowing for easier vent adjustment
- Highline variant available for deeper profiles with cavities between 16mm and 18mm

## Specification

- Compliant with BS EN 13126-6 Hardware for windows and door height windows. Requirements and test methods
- Tested to BS EN 1670 - Ferritic Grade 3 corrosion resistance 96 hours, Austenitic Grade 4 corrosion resistance 240 hours
- Endurance tested to 30,000 cycles
- 10 or 12 year mechanical guarantee\*



## Defender Standard Top Hung

Defender Standard Top Hung	Hinge Size (mm)	Stack Height (mm)	Max Vent Weight (kg)	Min Vent Height (mm)	Max Vent Height (mm)	Opening Angle (+/-2.5°)
EDT6-EXP	159	13	10	150	300	50°
ED8-EXP	209	13	12	200	350	65°
EDT10-EXP	259	13	16	275	400	80°
EDT12-EXP	310	13	20	350	550	80°
EDT16-EXP	412	13	21	500	780	80°
EDT20-EXP	513	13	26	700	1100	50°
EDT24-EXP	615	13	40	850	1300	37.5°

## Defender Standard Side Hung

Defender Standard Side Hung	Hinge Size (mm)	Stack Height (mm)	Max Vent Weight (kg)	Min Vent Height (mm)	Max Vent Height (mm)	Opening Angle (+/-2.5°)
ED8-EXP	209	13	18	200	400	65°
EDS12-EXP	310	13	22	300	600	60°
EDS16-EXP	412	13	24	400	700	60°

- Also available in 16" & 17" stack height
- Add H6 for 16" (For example ED8H6-EXP)
- Add H7 for 17" (For example ED8H7-EXP)
- For austenitic variants add 'A' to end of part code (not including 6")
- For slimline variants add 'S' to end of part code (not including 6", 13mm stack height only)
- For timber variants add '-TV' to end of part code (13mm stack height only)

\*10 Year Mechanical Guarantee for Standard Ferritic and 12 Year Mechanical Guarantee for Austenitic Stainless Steel

**Note:** As with all types of friction hinges, friction cannot be provided until the slider moves, therefore when opening top hung. Vents to angles of 10° or less a separate device may be required to prevent the window from closing.