

CENTURION CONSTANT FORCE BALANCES



PATENTED 3/4" INTERLOCKING SPRING AND CARRIER SYSTEM

- Easily mounted in window jamb
- Minimal SKUs needed
- Never needs adjusting
- Smooth, reliable operation
- AAMA 902 certified
- Interlocking pivot bar
- Holds up to 100 lbs.
- 40" travel

Existing patents: 5,232,208 5,365,638 6,393,661

6,412,144 6,584,644 B2

Canada 2,068,391 2,361,261 2,341,997 2,369,818

Patents pending: 10/012,671 09/973,384

Canada 2,125,134 2,363,801



 **AMESBURY**
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AMESBURY HARDWARE

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*Manufactured
in the USA*

Centurion0312

DETAILS

OMEGA BALANCE INSTALLATION DETAILS FOR CENTURION SYSTEM

For Double and Single Hung Windows

Each spring is 3/4" wide with a maximum travel of 40", each support has a closed top which will eliminate a majority of the dust and debris which could fall on to the springs.

Approximate spring poundage: 3.5lb, 4.5lb, 5.5lb, 6.5lb, 7.5lb, 8.5lb, 9.5lb, 10.5lb, 11.5lb, and 12.5lb.

Prepare balance assemblies as required.

Top sash assemblies (double hung)
Locate above the top of the meeting rail in the exterior track.

Bottom sash assemblies (single and double hung). Locate below the top of the meeting rail in the interior track.

Final assembly location will relate to the maximum travel of the springs (40"), please refer to the technical information sheets.

Assemblies should be installed with #8 pan head screw, **do not over tighten the screws** as this could result in damage to the profile walls.

System designed to work in a 1.292" x .880" pocket.

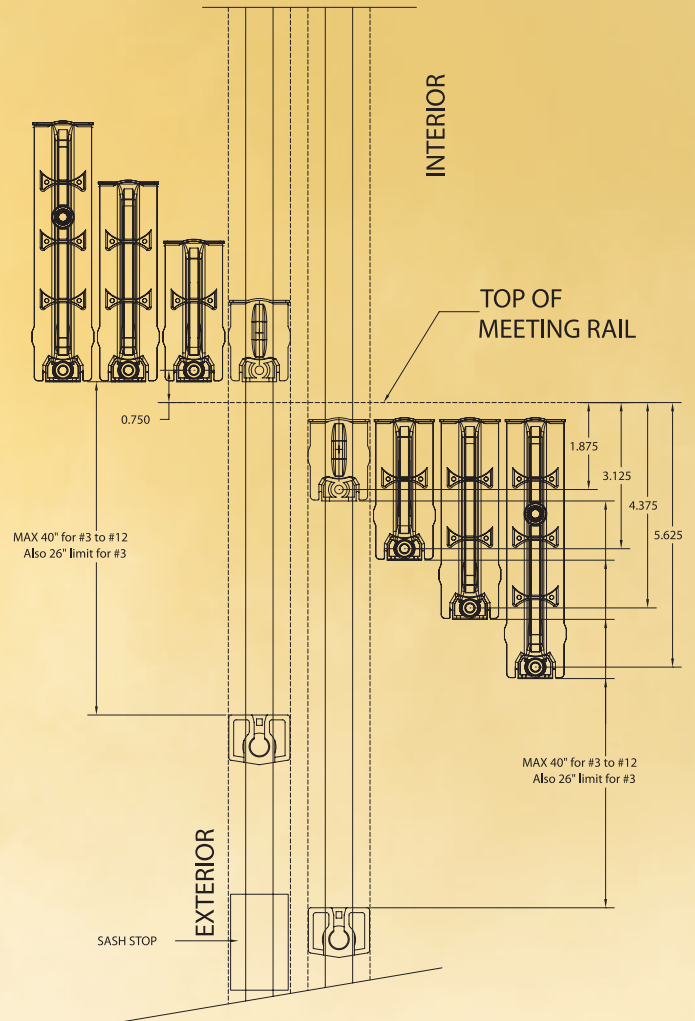
IMPORTANT:

TOP SASH

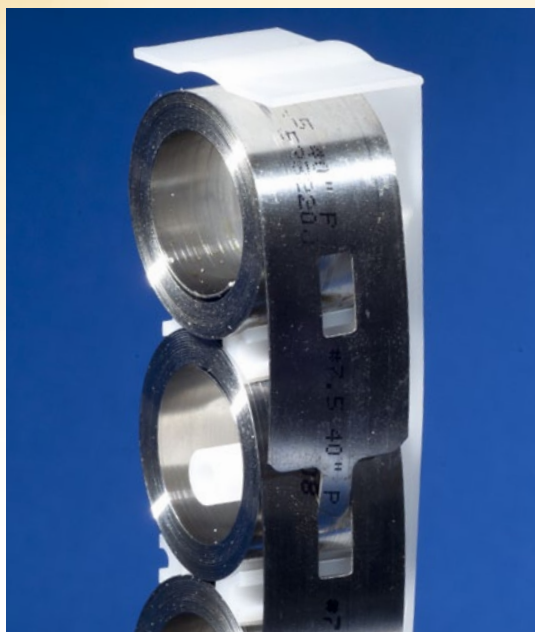
The sash travel is limited to 40" (3.5lb = 26"). If the travel exceeds this, a sash stop must be provided to limit opening.

BOTTOM SASH

Modify the location of the support so the travel will not exceed 40" (3.5lb = 26"). Sash stop must be provided to limit opening.



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