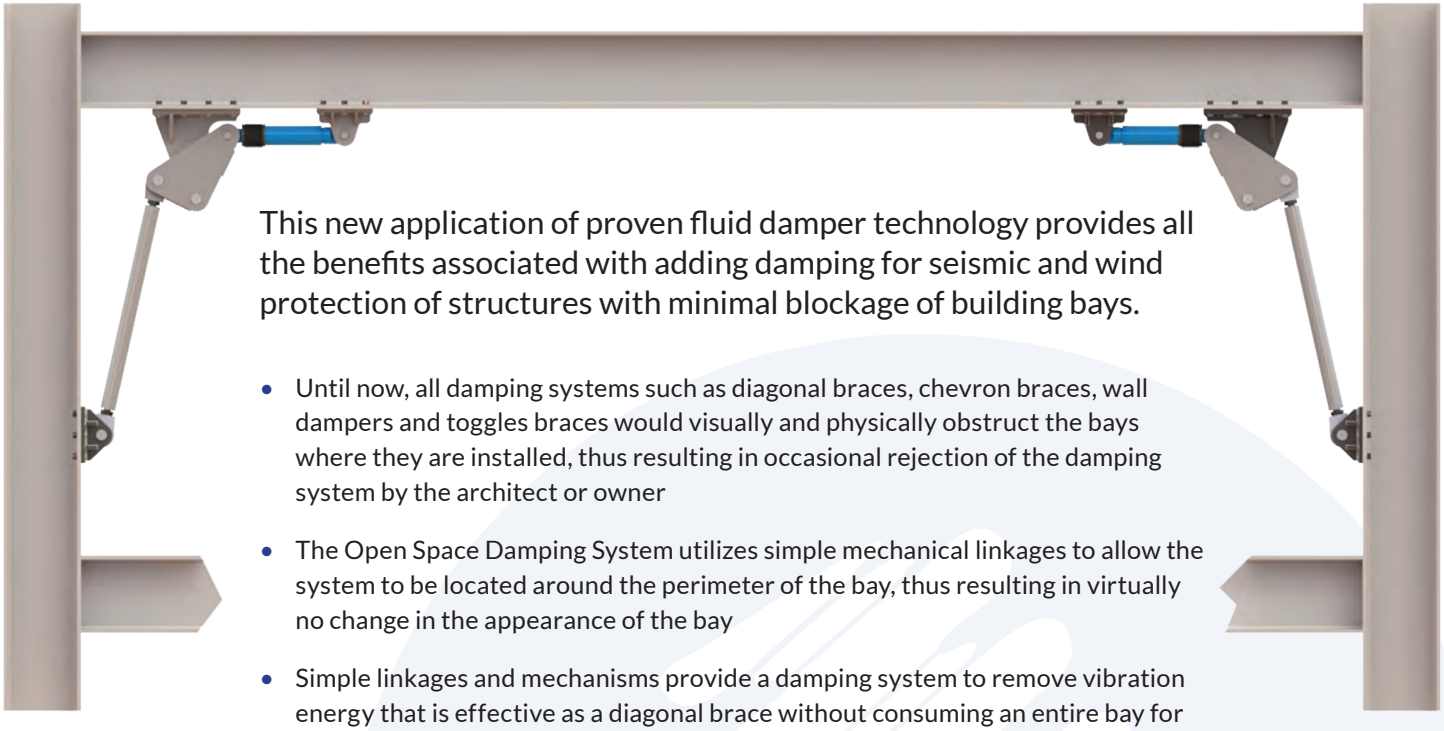
taylor devices inc.

Open Space Damper System

BY TAYLOR DEVICES



This new application of proven fluid damper technology provides all the benefits associated with adding damping for seismic and wind protection of structures with minimal blockage of building bays.

- Until now, all damping systems such as diagonal braces, chevron braces, wall dampers and toggles braces would visually and physically obstruct the bays where they are installed, thus resulting in occasional rejection of the damping system by the architect or owner
- The Open Space Damping System utilizes simple mechanical linkages to allow the system to be located around the perimeter of the bay, thus resulting in virtually no change in the appearance of the bay
- Simple linkages and mechanisms provide a damping system to remove vibration energy that is effective as a diagonal brace without consuming an entire bay for implementation of the system
- Extensive seismic testing on the large scale shake table located at the State University at Buffalo SEESL Laboratory has validated the performance, theory and computational models for the system. Technical Report MCEER-16-0007 is available upon request and provides complete testing results as well as the system theory and computational models to be used for analysis of structures with this system
- The drawing above shows one configuration that is available. Several variations of this configuration are also available
- Taylor Devices provides complete theoretical and analytical support for system implementation. Contact us today to engage our services at no cost
- Patent Number 9,580,924

ISO 9001
AS9100
ISO 14001

www.taylordevices.com | www.seismicdamper.com

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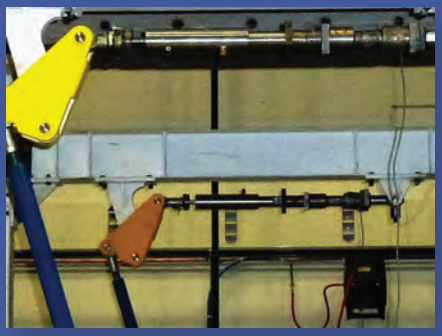

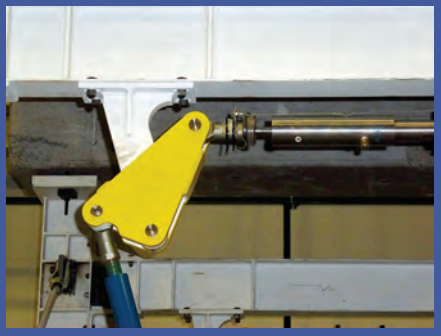

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