

A conventional lay-in diffuser will typically have overall dimensions that measure 1/4" under the nominal grid module size, e.g. a diffuser for a 24" x 24" module size will be 23-3/4" x 23-3/4". A lay-in diffuser set onto a conventional 15/16" inverted T-bar grid system fits with ample clearance and when everything is exactly centered, the T-bar supports the diffuser with 11/32" overlap around the entire perimeter of the diffuser. If the diffuser shifts entirely (about 1/8") to one side of the module, there is still about 7/32" overlap to support the diffuser. The use of 9/16" inverted T-bar grid systems reduce this overlap to only 1/32" – and this is calculated at exacting dimensions!!!!!! With the potential for ANY TYPE air device to fall from a ceiling grid system, the installer should follow accepted practices, codes, standards, and specifications to attach or support the device appropriately.

If the installer wishes to reduce the amount of potential shift of the device within the grid, Anemostat can provide corner clips that reduce the clearance between the air device and the grid member. These are best pressed onto the device, after installing, by working through an adjacent opening. Typically, two installed at opposite corners will do the trick!

