

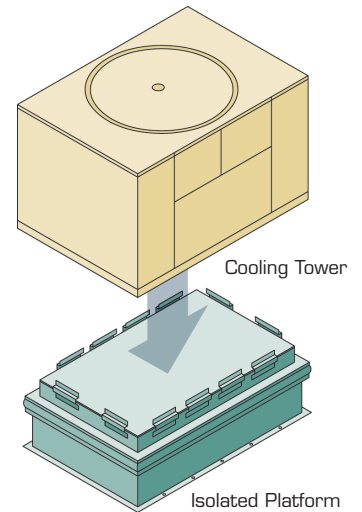
Isolated Platform for Cooling Tower

Save up to 40% installed cost over traditional approaches



Roof-mounted equipment often requires vibration isolation from the building structure. Cooling towers, air-cooled chillers, roof-mounted generators, and exposed skid-mounted pump packages all have inherent vibration isolation challenges. The traditional approach to addressing these requirements involves the coordination of at least three disciplines: a structural engineer, general contractor and mechanical engineer.

However, problems may arise with the traditional approach. These problems include coordination issues, such as incorrect number of support points or point load issues, potential water leaks due to multiple support penetrations in the roof membrane, and oversized architectural barrier walls. Additional clearance underneath the roof-mounted equipment is also required for maintenance.



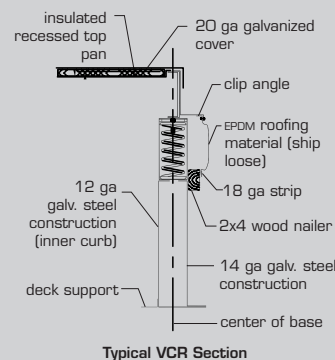
Avoid point loading and multiple roof penetrations with Vibro-Acoustics' unique isolated platform solution.

Key Features

- Lowered required height, which reduces the need for architectural screening.
- Loads distributed around a full perimeter support to simplify the coordination of structural support steel.
- Platform with a one-piece sloped cover for drainage, eliminating stagnant water and standing water that could leak into the building.
- Elimination of the membrane under the cooling tower, removing both sealing and leakage issues, and potential membrane perforation issues when serviced.
- An acoustical package complete with adjacent space noise control guarantee.

Benefits for Engineers

- One source responsibility for the layout and location of full perimeter supports.
- Calculations to show center of gravity with weight load distributions provided by the manufacturer.
- Wind overturn and seismic calculations.
- Optional barrier packages: thermal and noise control.



Contact us, your local Vibro-Acoustics Representative, for a quotation and to see how this isolated platform solution can save you time and significant cost.