

## ***AirLoc Application News...***

### AirLoc low frequency B4 BiLoc® Pads keep rooftop cooling towers quiet!

Recently, Phil Hegge, Director-Facilities Operations at Michigan State University Foundation's MBI Building was responsible for installing new Marley 450 ton cooling towers on the roof (see below) of the building located in a nearby Corporate Research Park. Space was limited and the units were positioned on 4 inch beams connected to the roof. High deflection spring isolators are normally used for these units, but Phil didn't have the room, and turned to AirLoc for suggestions. AirLoc B4 pads were recommended with low profile (2 inches height) and a natural frequency of around 9 Hz (cycles per second), which provides excellent isolation for the variable speed drive tower cooling fans.

After installation, Phil reports "I can definitely tell by feel that the pads are attenuating the vibration from the tower fans". This translates to reduced noise being transmitted into the support beams on the roof, which is important considering there are some labs near the towers.

AirLoc has a wide selection of vibration isolation, damping, and leveling pads for all types of applications and can provide the engineering support to make the best selection for your specific application.



**AirLoc B4 pads installed under the Marley cooling towers**

*For more information regarding AirLoc Pads, Wedgmounds®, and Jacmounds®, Contact our headquarters in Franklin, MA or your regional AirLoc Representative.*