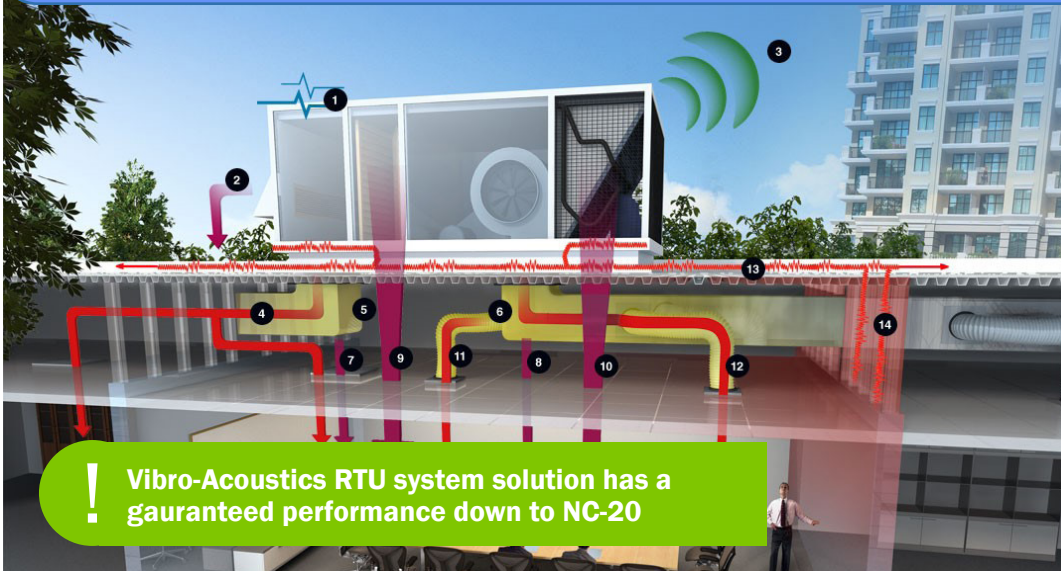


Did you know that rooftop units are the most common causes of HVAC noise problems and a major reason for tenant complaints?



! Vibro-Acoustics RTU system solution has a guaranteed performance down to NC-20

Some of the most common noise problems caused by rooftop units include airborne noise, duct breakout noise, and structure-borne noise.

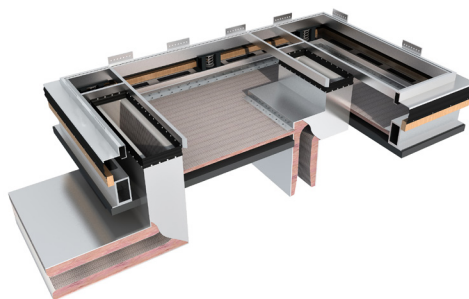
Environmental noise is also a major concern. Noise caused by the RTU's condenser fans, fresh air intakes exhaust fans and compressors can disturb the neighboring property and spaces putting the owner and design engineer at risk.

RTUs are the most common cause of noise problems in buildings because not all of the several noise paths (airborne, breakout, structure-borne, radiated) are addressed.

Besides noise problems, you also have to consider any wind and seismic forces that may affect the RTU.

Prevent HVAC noise and client complaints with Vibro-Acoustics' RTU system solution.

- > Reap the full benefits of locating RTUs over occupied spaces
- > A number customizable solutions are integrated into the curbs
- > Receive a single amalgamated solution to address multiple areas of concern with single-source responsibility



SOLUTION COMPONENTS

- > **Intake and discharge silencers** to minimize environmental noise
- > **HTL casing** to address breakout noise
- > **Noise control vertical barrier** to minimize environmental noise
- > **Vibration isolation** to dampen vibrations that cause structure-borne noise
- > **Anchorage calculations** with PE/P.Eng stamp
- > **Noise control curb barrier** to block radiated noise
- > **Fit-the-system silencers** to address airborne noise

Finding the optimal solution through application engineering.

Vibro-Acoustics analyzes RTU system designs and engineer optimal, project-specific solutions. We ensure that all sources and paths are dealt with and project requirements are met. We guarantee a performance down to NC-20.

Contact your Stan Weaver & Co Engineer for more information.

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