

Noise and vibration control for HVAC.

CIBSE - How to control sound and vibration in HVAC systems



Description: -

- Literature, Comparative -- English and French.
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- Prévost, -- abbé, -- 1697-1763.
- Ventilation -- Vibration -- Prevention.
- Heating -- Vibration -- Prevention.
- Air conditioning -- Vibration -- Prevention.
- Ventilation -- Noise -- Prevention.
- Heating -- Noise -- Prevention.
- Air conditioning -- Noise -- Prevention.
- Noise and vibration control for HVAC.

- CIBSE guide -- B5Noise and vibration control for HVAC.

Notes: Includes bibliographical references and index.

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Tags: #HVAC #Noise

Consulting

The criteria curves define the limits of the octave band that must not be exceeded to meet occupant acceptance in a space.

How to control sound and vibration in HVAC systems

To reduce the waste, these devices should be selected for maximum efficiency and be connected to distribution lines with installation accessories to mitigate sound transmission. Because vibration is the source of noise from HVAC systems, management of those conditions is imperative to a quiet design. It may be necessary to use flexible piping connections and flexible electrical conduit connections for pipes and ducts connected to the equipment.

HVAC Noise

It is popular because it is a single number that most sound meters include.

Consulting

. When attenuating sound for an outdoor installation of an air-cooled chiller, the manufacturer-supplied decibel rating would be compared to design decibel level at the design distance from the source. We also design corrective solutions for HVAC and mechanical systems noise and vibration control in existing facilities—and provide noise and vibration audits to ensure compliance with local codes and ordinances.

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