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# Vibration Isolation Mountings

**V**ibration isolation mountings eliminates structurally noise and vibration for floor mounted equipments. With proper selected and installed spring isolators offer the greatest assurance that destructive vibration and noise will be eliminated or greatly reduced.

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## "MASON" Type SLFH

Unhoused Spring Mounts

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SLFH mountings of the proper deflection are recommended for all indoor vibration control applications where it is not necessary to cope with weight removal or seismic and wind load problems. In many cases, they are used to support equipment located on upper building levels where there are wide vibration sensitive spans.



### Features

- ♦ Spring diameter shall be no less than 0.8 of the compressed height of the spring at rated load
- ♦ Static deflection ranges from 1-inch to 5-inches
- ♦ Neoprene friction pad acts as a sound break to minimize high frequency transmission
- ♦ Vibration isoaltion efficiency is over 95%

### Applications

- ♦ Suitable for water pumps, blowers etc

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## "MASON" Type C

Housed Spring Mounts

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C housed spring mounts are more economical choice for outdoor applications. They have lateral stability and are recommended for moderate horizontal wind loads without seismic restraint requirements.

### Features

- ◆ Semi-circular neoprene sponge inserts that limit movement due to start and stop and horizontal wind load
- ◆ Both external and internal adjustment mountings are provided with type "W" acoustical friction pads on bottom to eliminate the need for bolting down on most installations
- ◆ Static deflection ranges from 1 to 2-inches
- ◆ Vibration isolation efficiency is over 95%

### Applications

- ◆ Suitable for chiller units, generator set etc



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## "MASON" Type SLR

Restrained Spring Mounts

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SLR restrained spring mounts give the same efficient control of structurally transmitted noise and vibration as do our SLFH and C mounts, but with limited movement. It limit upward travel when weight is temporarily removed and provide safety stops for windy rooftop applications.



### Features

- ◆ Equipment is restrained to less than 1/8 inch movement in any direction, reducing damage caused by conditions that would otherwise move equipment excessively
- ◆ Restrained spring mountings with operating heights equal to installed height and interlocks for safety in wind loads
- ◆ Vertical limit stops prevent spring extension when weight is removed (e.g. during maintenance service)
- ◆ Static deflection ranges from 1-inch to 5-inches
- ◆ Vibration isoaltion efficiency is over 95%

### Applications

- ◆ Suitable for outdoor chiller units, cooling towers etc