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SPRING FLOOR MOUNTED NON-SEISMIC

AW & AWH ISOLATORS

AW & AWH Series Spring-Flex Isolators are designed to isolate low frequency vibrations in air handling units, fans, chillers, and other HVAC equipment. The AW & AWH models are recommended for use directly under most HVAC equipment and in conjunction with structural steel bases and concrete inertia blocks.

AW Spring-Flex Isolators are adjustable, free-standing and laterally stable spring mountings with a combination leveling and equipment fastening bolt. The spring is welded to the spring mounting base plate and compression plate, ensuring lateral stability. A non-skid elastomeric pad is bonded to the base plate, eliminating the need for bolting. The AWH option supplies two holes in the rectangular base plate for bolting to the

structure. AW models are available in deflections up to 5 inches (127 mm).

FEATURES & BENEFITS

- Loads from 60-3,680 lbs. with static deflections up to 5" provide flexibility over a wide range of applications
- Free-standing spring isolators offer a 1:1 lateral stability ratio
- Built-in leveling device offers simplified installation
- Weldless construction prevents excessive stress at the weld areas that could result in spring faults
- Color-coded springs provide easy identification of Spring-Flex Isolators for installation and inspection

APPLICATIONS

- Air handling units
- Fans
- Pumps
- Chillers
- Air compressors
- HVAC equipment

DOWNLOADS

Spec Sheets

[Spec Type 3 Spring Isolators Floor Mounted Open](#)

Submittal Drawings

1" Deflection

[Model AW and AWH-1C 50-520 lbs. Open Spring-Flex Isolators 1 inch deflection.pdf](#)

[Model AW and AWH-1E 195-3250 lbs. Open Spring-Flex Isolators 1 inch deflection.pdf](#)

[Model AW and AWH-1R, -2R, and -3R 2100-1400 lbs. Open Spring](#)

[Isolators 1 inch deflection.pdf](#)

2" Deflection

[Model AW AND AWH-2E 80-2700lbs.Open Spring-Flex Mount 2 inch deflection.pdf](#)

[Model AW and AWH-2R and -3R 4200-8350 lbs. Open Spring Flex Isolators 2 inch deflection.pdf](#)

3" Deflection

[Model AW and AWH-3D 800-2035 lbs. Open Spring Flex Isolators 3 inch deflection.pdf](#)

[Model AW and AWH-3C 75-1165 lbs. Open Spring Flex Isolators 3 inch deflection.pdf](#)

[Model AW and AWH-3E 1600-3500 lbs. Open Spring Flex Mounts 3 inch deflection.pdf](#)

[Model AW and AWH-3R 5515-8320 lbs. Open Spring Isolators 3 inch deflection.pdf](#)

4" Deflection

[Model AW AND AWH-4C 65-1460 lbs.Open Spring-Flex Isolators 4 inch deflection.pdf](#)

[Model AW AND AWH-4D 1765-5210 lbs.Open Spring-Flex Isolators 4 inch deflection.pdf](#)

5" Deflection

[Model AW and AWH-5C 250-2300lbs.Open Spring-Flex Isolators 5 inch deflection.pdf](#)

[Model AW AND AWH-5D 2700-5675 lbs.Open Spring Isolators 5 inch deflection.pdf](#)

RELATED SERVICES

Engineering

The engineers we employ hold the highest industry-recognized credentials in structural analysis, elastomer development and system dynamics.

Certification

We are the first ISO accredited PCA ISO-17065, third-party certification body for special seismic certification of non-structural building components and their mounting configurations by the ICC's International Accreditation Service.

Test & Measurement

We are the only ISO 17025:2005 Accredited Seismic Simulation Test Laboratory with a triaxial shake table owned and operated by