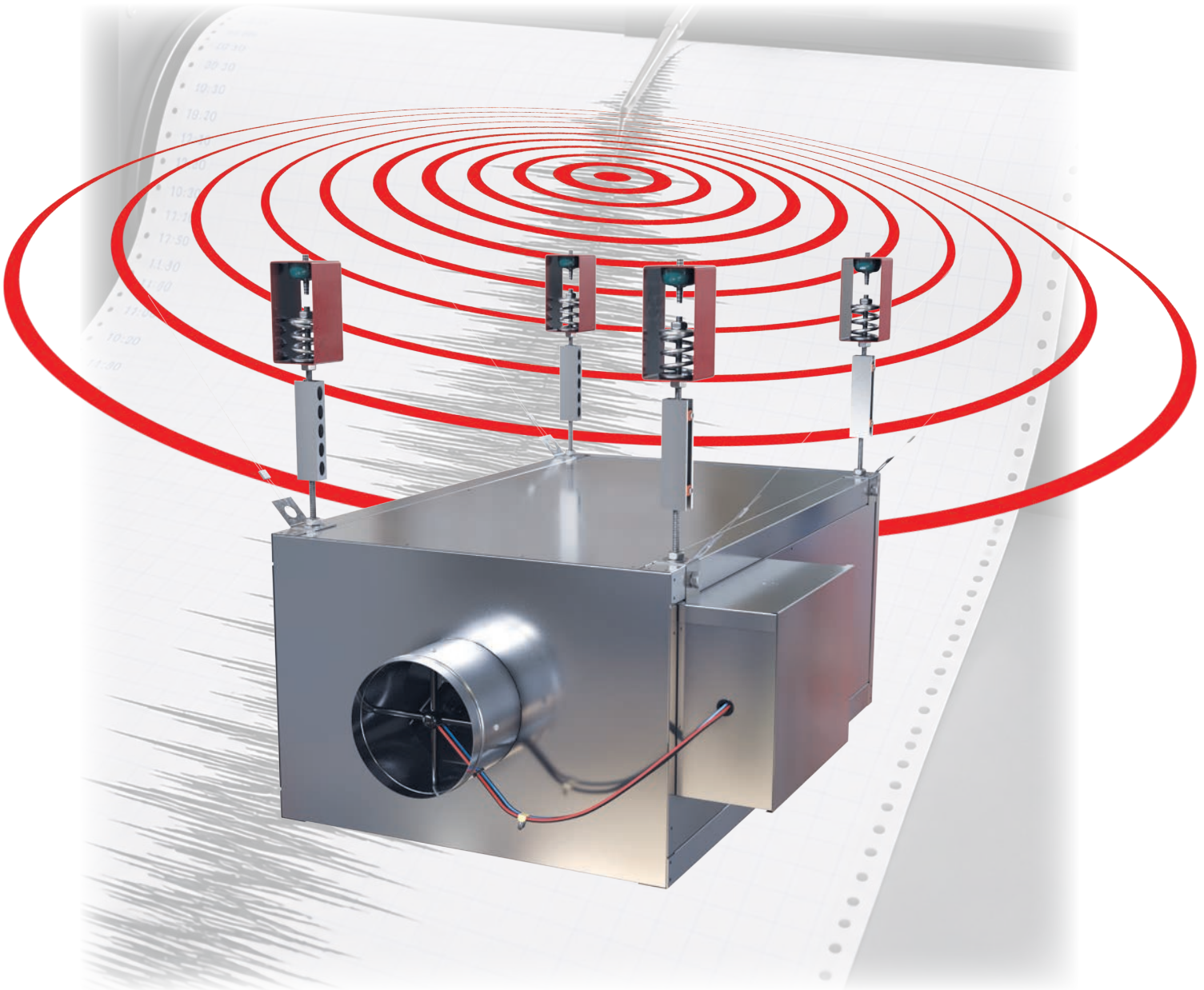


DESIGNED TO PERFORM. TESTED TO ENDURE.

# SEISMIC SELECTION

TERMINAL UNITS • FAN COIL UNITS • FAN FILTER UNITS





# SEISMIC INSTALLATION KEYS

SSI SEISMIC SOURCE INTERNATIONAL • HCAI (FORMERLY OSHPD, CALIFORNIA)

## TERMINAL UNITS

Nailor provides SSI & HCAI Special Seismic Certification across a broad range of Terminal Unit applications. Certified configurations extend beyond the basic cabinet to include many commonly specified heating, acoustic, and control options. Most Nailor Terminal Units are seismically certified for suspended installations and have been tested in accordance with AHRI 1270 and ICC-ES AC156.

## SEISMIC-QUALIFIED SOLUTIONS

**Single Duct Terminal Units** - 3000/3100 Series configurations for cooling-only, hot water reheat, electric reheat and acoustically sensitive applications.

**Dual Duct Terminal Units** - 3200 Series solutions for precise hot- and cold-deck airflow control.

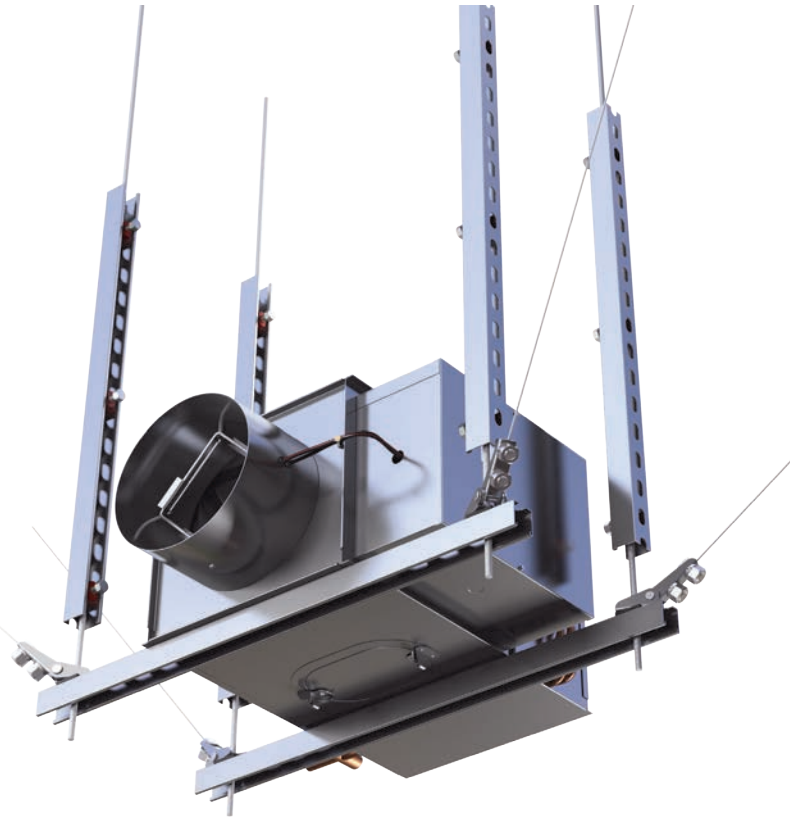
**Fan Powered Terminal Units** - Series and parallel configurations, including 35S and 35N families and our innovative and industry leading 35SST STEALTH™ & 37SST Series line.

**Fan Powered Chilled Water Terminal Units** - 33SZ Series for sensible zone cooling in DOAS applications.

## CERTIFIED INSTALLATION OVERVIEW

### SINGLE & DUAL DUCT TERMINAL UNITS RIGID CEILING-SUSPENDED INSTALLATION

Single and Dual Duct Terminal Units are supported from the building structure using a rigid trapeze suspension system with stiffened hanger rods and seismic cable bracing. Support arrangement, bracing and attachment requirements vary by unit configuration and are detailed in HCAI OSP-0561.



### FAN POWERED TERMINAL UNITS

#### VIBRATION-ISOLATED CEILING-SUSPENDED INSTALLATION

Fan Powered Terminal Units use a spring-isolated suspension system with stiffened hanger rods, along with separate seismic cable bracing to restrain movement during a Seismic event. Specific hanger, brace and mounting requirements are provided in HCAI OSP-0561.

### DESIGNED WITH PERFORMANCE AS THE PRIORITY

- Suspended Seismic Design allows for bottom and side access not found with trapeze designs (FPTU only)
- Compact designs for crowded ceiling plenums
- Low pressure drop by design (Opposed Blade Damper)
- Superior Sound Performance
- Highly efficient ECM with EPIC Fan Technology® available
- Greater Thermal efficiency with fully-encased water coils
- Multiple reheat, controls and acoustic options
- Seismic configurations engineered for prescribed suspended mounting and restraint requirements



*For full details on Nailor's Terminal Unit certifications, configurations and installation details, view our listing: HCAI Special Seismic Certification OSP-0561.*



## FAN COIL UNITS

Engineered Comfort Horizontal Fan Coil Units combine quiet and efficient zone conditioning with Seismic-qualified construction for projects where both occupant comfort and equipment resilience matter.

The **35FH, 37FH and 40H(F & P Only)** are covered by HCAI Special Seismic Certification, providing a range of solutions from high-capacity ducted applications to space-conscious, low-profile installations.

## CERTIFIED INSTALLATION OVERVIEW

### VIBRATION-ISOLATED CEILING-SUSPENDED INSTALLATION

Horizontal Fan Coil Units are suspended from the building structure using spring-isolated hanger rods with rod stiffening, along with separate seismic cable restraints. Mounting, restraint quantity, and hardware requirements vary by model and size and are detailed in HCAI OSP-0772.

**Suspended Seismic Design allows for bottom and side access not found with trapeze designs.**

## ELEVATED PERFORMANCE. ELEVATED CONDITIONS.

### 35FH SERIES

#### High Performance Horizontal

- Broad range from 400–4,000 CFM
- Superior Sound performance versus leading competitive units
- Direct-drive, draw-through configuration
- Even airflow across the coil for improved heat transfer and reduced pressure drop
- EPIC ECM Fan Technology® available

### 37FH SERIES

#### Low Profile High Performance Horizontal

- Compact 11" high profile for tighter, concealed ceiling applications
- Superior pressure drop, acoustic and airflow performance
- Direct-drive, draw-through configuration
- EPIC ECM Fan Technology® available
- Cooling, heating and electric heat configurations available

### 40H SERIES

#### Low Profile. Flexible Installation.

- Compact blow-through design
- Specially designed chassis for improved thermal efficiency and condensation blow through mitigation
- Free return and plenum configurations
- Ideal for healthcare, hotels, schools, apartments and condominiums
- Designed to minimize installation space, time and cost

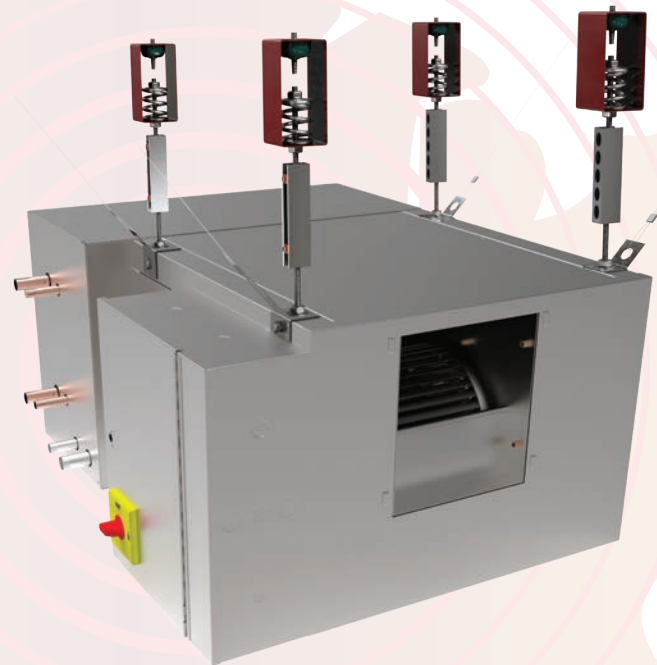


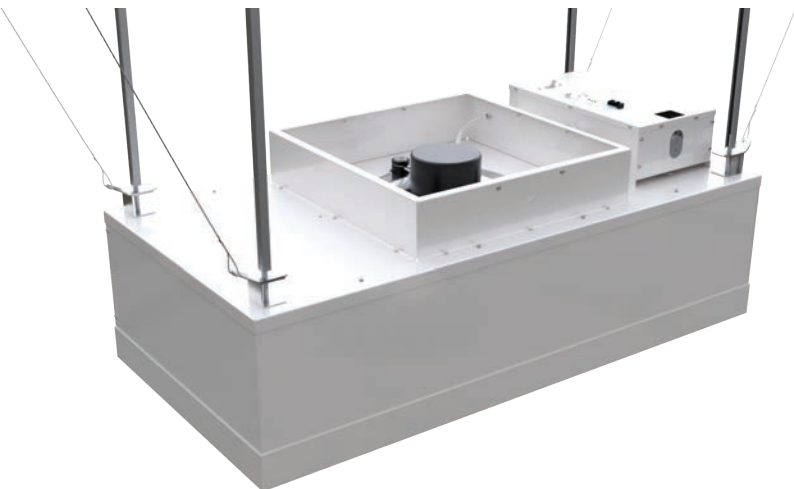
**For full details on Engineered Comfort's Fan Coil certifications, configurations and installation details, view our listing: HCAI Special Seismic Certification OSP-0772.**

## OAI OPTION

**(Available on Fan Coil Units - Model series 35FH and 37FH; Terminal Units - Model series 35S and 35SST)**

The Outside Air Inlet (OAI) option provides a simple, effective way to introduce conditioned ventilation air directly into the unit. Commonly paired with a Dedicated Outdoor Air System (DOAS), the OAI helps create a flexible solution for both ventilation and zone-level comfort. This integration supports effective ventilation delivery, improved indoor air quality, consistent comfort and greater overall system flexibility.





## FAN FILTER UNITS

Nailor's **92FFU Fan Filter Unit** combines critical-environment filtration with HCAI Special Seismic Certification. Whether you're striving to maintain pristine cleanrooms, improve indoor air quality in healthcare facilities, or create a healthier workspace, this state-of-the-art Fan Filter Unit is your ultimate solution.

The **92FFU Series** are covered by HCAI Special Seismic Certification, so regardless of location or conditions, you can count on safe, clean air and reliable energy efficient performance.

## CERTIFIED INSTALLATION OVERVIEW

### RIGID CEILING-SUSPENDED INSTALLATION

Fan Filter Units are supported from the building structure using a rigid suspended rod system with rod stiffening and seismic cable bracing. The certified support and restraint arrangement varies by unit configuration and is detailed in HCAI OSP-0858.

## CRITICAL AIR PERFORMANCE. CERTIFIED CONFIDENCE.

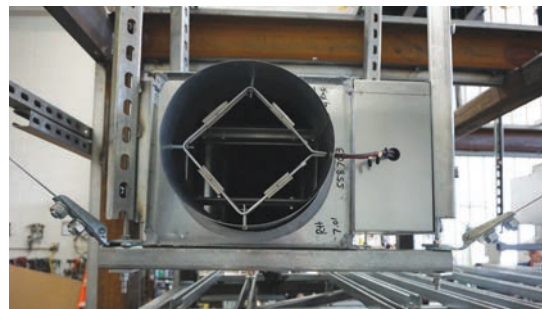
### FAN FILTER UNIT - 92FFU SERIES

- 100–800 CFM
- Lightweight aluminum constructions
- Hinged face access for easy access to filter
- Optional top and room side removable motor/blower assembly
- Available in Forward and Backward curved fan blades



*For full details on Nailor's Fan Filter Unit Seismic certifications, configurations and installation details, view our listing: HCAI Special Seismic Certification OSP-0858.*

## SEISMIC TESTING



Single Duct Terminal Unit in Trapeze



Fan Powered Terminal Units Shake Table Test



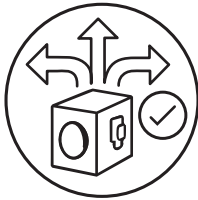
Fan Powered Terminal Units Shake Table Test



Horizontal Fan Coil Units Shake Table Test

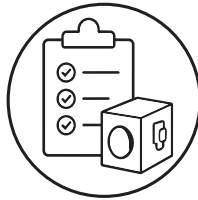
# MORE APPLICATIONS. MORE OPTIONS. ONE SEISMIC PORTFOLIO.

Nailor and Engineered Comfort combine to offer one of the most expansive and configurable Seismic offerings in the industry. From Single and Dual Duct Terminal Units, to higher-performance product like Fan Powered Terminal Units, Fan Coil Units and Fan Filter Units, we have the solution to fit your SEISMIC needs.



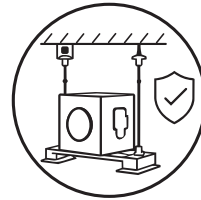
## Broad Product Coverage

A full breadth of zone control options to fit any project's needs



## Application-Ready Configurations

Not just the base - includes most sizes, options and configurations often specified



## Defined Seismic Installation

Tailored and detailed installations of all certified models

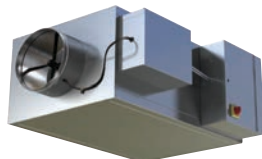
## MODEL SERIES FOR SEISMIC CERTIFICATION

SEISMIC SOURCE INTERNATIONAL (SSI) • HCAI (FORMERLY OSHPD, CALIFORNIA)



**33SZ**

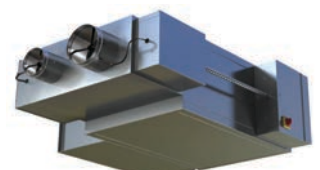
All Sizes (10 and 35 are pending)



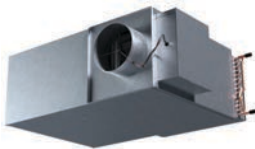
**35S**



**35SST**



**35S-OAI**



**35N**



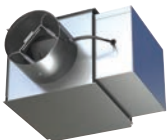
**37S**



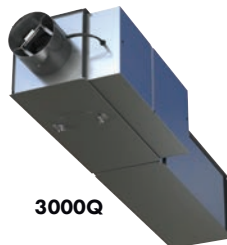
**37SST**



**37N**



**3000**



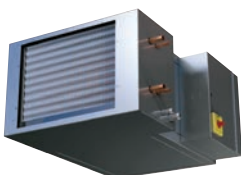
**3000Q**



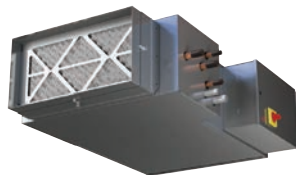
**3100**



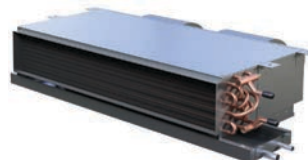
**3200**



**35FH**



**37FH**



**40H**



**92FFU**

# KEEP THE AIR MOVING EVEN WHEN THE GROUND DOES AS WELL

**55** MILLION  
PEOPLE

**\$8.8** TRILLION  
BUILDING  
EXPOSURE

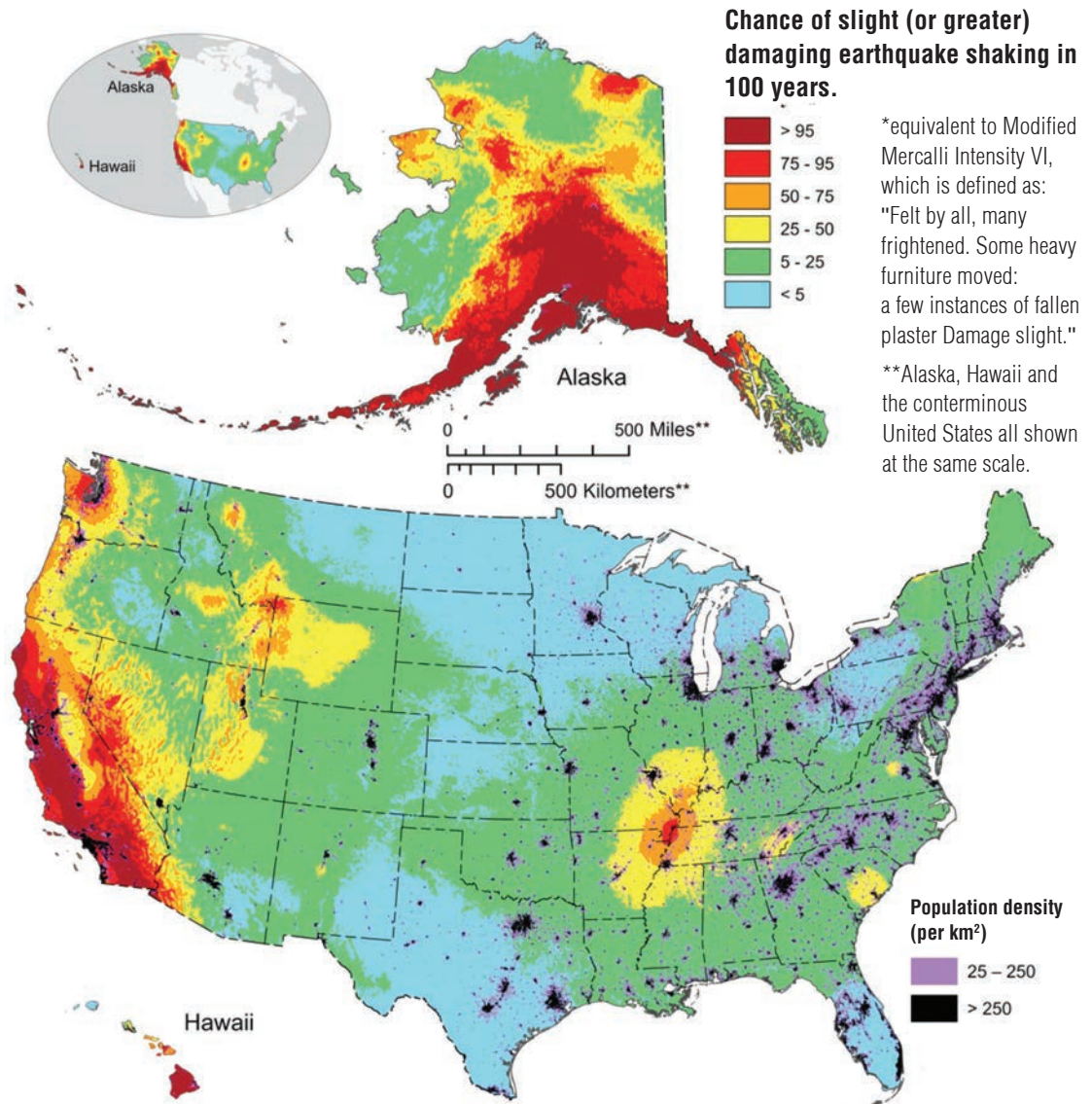
Face a 10% probability of experiencing MMI VII "Very Strong" shaking or greater within 50 years.\*\*

Seismic qualification subjects HVAC equipment to forces representative of a major earthquake to verify that it can withstand the event structurally and remain functional afterward.

Select Nailor and Engineered Comfort products have been shake-table tested in accordance with the below industry seismic qualification requirements.

**AHRI Standard 1270:**  
(Requirements for Seismic Qualification of HVACR Equipment.)

**ICC-ES AC156 Shake Table Testing.**



## TEST SETUP QUICK FACTS



SHAKE-  
TABLE  
TEST



**3.2g**  
horizontal  
seismic  
demand\*



**20+sec**  
strong  
seismic  
motion



WORST-CASE  
TEST  
CONFIGURATION



FUNCTIONAL  
AFTER TEST  
performance  
verified

\* Seismic test parameters vary by product and certified configuration. Always refer to the applicable HCAI OSP for specific qualification levels and details.

\*\* [Jaiswel et al., Earthquake Spectra (2026)] data based on USGS 2023 NSH Model.

WSEISMIC 9.4.2026