



Pre No. CC251837-01-R0

SPECIAL SEISMIC CERTIFICATION CERTIFICATE OF COMPLIANCE

Equipment Manufacturer

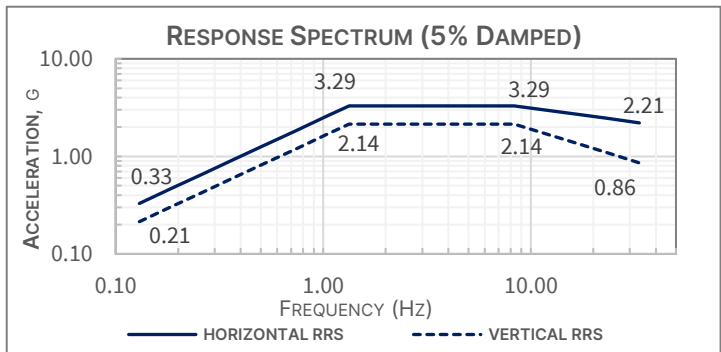
Manufacturer Guntner
GVW, GFW, AFVW, GGFV, GFWP V-Shaped
Model Line: Condenser/Dry Cooler/Gas Cooler & Complete Pump Package
Product Type: Heat Exchangers
Address: 110 W. Hillcrest Blvd. Ste. 105
Schaumburg, IL 60195
Phone: (847) 781-0900
Website: www.guntner.com

Certification Agency

Issue Date: 16-Oct-2026
Expiration Date: 16-Oct-2032
Agency Name: Pre Compliance
Address: 324 NW Hill Street
Bend, OR 97703
Phone: (541) 241-2310
Website: www.go-pre.com

Seismic Certification Parameters

Method of Certification: Shake Table Testing
Assessment Standard: ICC-ES AC156
Mounting Configuration: Base Mounted - Rigid
Building Codes: IBC 2024
Importance Factor (I_p): 1.5
 S_{DS} for $z/h=1$, $R_\mu=1.3$, $H_f=3.5$ 2.06 g
 S_{DS} for $z/h=0$, $R_\mu=1.0$, $H_f=1.0$ 3.20 g
 A_{flx-h} : 3.29 g **A_{flx-v} :** 2.14 g
 A_{rig-h} : 2.21 g **A_{rig-v} :** 0.86 g



Certification Terms

- For specific models covered under this certification, see Table of Certified Components and Subcomponents accompanying this certificate.
- For products with $I_p \geq 1.0$, the product is expected to retain position following the design earthquake and is not expected to pose a threat to life and limb.
- For components with $I_p = 1.5$ and certified by testing, the component is expected to remain operational following the design earthquake. Limited structural yielding is expected and minor repairs may be required.
- This certification is dependent on proper mounting and anchorage in the listed mounting configuration(s). This certification does not specify anchorage design due to the variability of supporting structure and substrate conditions that may be present at the installation location.
- Certified products are approved for the Building Codes listed and previous editions of those codes. Extension of this certificate to other Building Codes requires assessment of parameters by Pre Compliance. The seismic levels listed are valid for all soil types and seismic design categories.
- See Certified Subcomponents on Table 3 for seismic derating values.

Approval

I attest that I have impartially reviewed the documentation supporting this special seismic certification and have confirmed it is in general conformance with the referenced codes and standards.

Name: Andy Coughlin, SE
Title: Principal Engineer
Email: andy@go-pre.com
Phone: (415) 635-8461
License: S6082 (California)

Signature:

Andrew M Coughlin

Digitally signed by Andrew M Coughlin
DN: CN=Andrew M Coughlin, dnQualifier=A01410C00001900D62BF37000072B3,
O=Precept Compliance LLC, C=US
Location: Bend, Oregon, USA
Reason: This item has been digitally signed and sealed by Andrew M. Coughlin on
the date below. Printed copies of this document are not considered signed and
sealed and the signature must be verified on any electronic copies.
Contact info: andy@go-pre.com
Date: 2026.10.16 01:21:29-0700

