



It's not magic, it's engineering.™

Impact and Airborne Sound Control

GENIECLIP® WATT

ELASTOMERIC SPRING HANGER



GENIECLIP WATT

Elastomeric Spring Hanger

GenieClip WATT is a vibration isolation HVAC linkage that incorporates a non-linear design made from an elastomeric spring in a steel housing. The hangers are shipped fully assembled and ready for installation in threaded rod suspension systems.

One hanger for 50-700 lbf (222-3114 N) load range

- Wide operating load range enables simplification of isolator selection
- Substantially reduces noise and vibration for any equipment
- Easily fastens to standard threaded rod with no specialist tools required
- Dynamic stiffness allows for low natural frequency at low loads
- Achieve > 1" deflection
- Packaged ready to use with no preloading spacers needed

PRODUCT SPECIFICATIONS	
PRODUCT SPECIFICATION	GENIECLIP WATT
Height (mm)	144.6
Depth (mm)	50
Width (mm)	63
Weight (gms)	500
Hangers/Box	24

Applications

- ✓ Pipework
- ✓ Ducts
- ✓ Fans
- ✓ AC fan coil units
- ✓ Attenuators
- ✓ Speakers
- ✓ Garage door openers
- ✓ Conveyors



TECHNICAL SPECIFICATIONS

Maximum Design Load	700 lbf (3114 N) per hanger
Overload Capacity	1100 lbf (4893 N) per hanger
Temperature Stability	-40°C to +115°C
Compatible Hardware	1/2 in. (12.7 mm) threaded rod

NATURAL FREQUENCY VS LOAD

LOAD (lbf,N)	NATURAL FREQUENCY (Hz)
50 (223)	16
100 (445)	13.5
150 (668)	12.5
200 (890)	11.75
300 (1335)	11
400 (1780)	10.3
500 (2225)	10
600 (2669)	9.8
700 (3114)	9.5

DEFLECTION VS LOAD

LOAD (lbf,N)	DEFLECTION (in,mm)
50 (223)	0.28 (7)
100 (445)	0.51 (13)
150 (668)	0.79 (20)
200 (890)	0.98 (25)
300 (1335)	1.26 (32)
400 (1780)	1.38 (35)
500 (2225)	1.50 (38)
600 (2669)	1.65 (42)
700 (3114)	1.73 (44)

CONTACT Us

T. 416.449.0049 | **E.** info@pliteq.com
 131 Royal Group Crescent, Vaughan, ON, L4H1X9

The information provided is accurate to the best of our knowledge at the time of issue. However, we reserve the right to make changes when necessary without further notification. Suggested application may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed, to our specifications.



www.pliteq.com