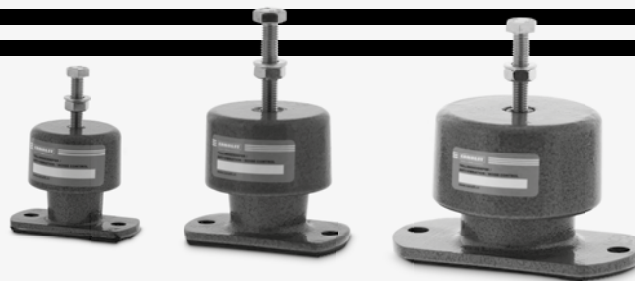


INSTALLATION INSTRUCTION PREMIUM VIBRATION DAMPERS



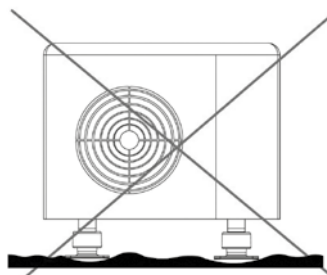
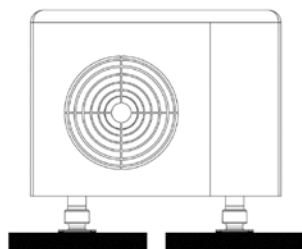
Premium vibration dampers are closed vibration dampers that can be adjusted in height after installation.

PLACEMENT AND SUBSTRATE

Refer to the manufacturer's manual for the total weight of the installation.

When in doubt, contact the supplier or manufacturer of the installation.

Place the installation on rubber siding, a frame or sufficiently rigid foundations such as concrete tiles. Make sure the frame or foundation is adequately supported and supported by the building structure. Do not place the installation directly on slack sprung roof parts such as EPDM or wood. These materials and structures are known for resonance and thus vibration problems!



NOTE! Place the installation in a wind-sheltered location.

WEIGHT DISTRIBUTION

The premium vibration dampers are available in three sizes; small, medium and large. Within these sizes, there are dampers for different loads.

NOTE! Always use dampers of the same size for the entire installation!

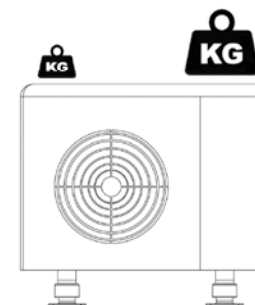
When the weight distribution of the installation is evenly distributed, it is enough to divide the gross total weight by the number of dampers to determine the correct type.

However, in many installations such as heat pumps and air conditioners, the weight is not evenly distributed. On average, 70% of the weight here is on the compressor side and 30% on the fan side. This varies by brand and type. It is therefore wise to request information from the manufacturer of the system before installation! If this is not available, scan the QR code on the back for additional information on calculating the correct damper type.

NOTE! Place the insulators with the highest load capacity under the heaviest side of the installation.

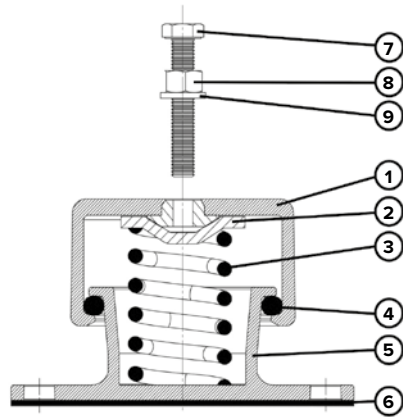
IDEAL COMPRESSION

The damper functions best at a compression between 15 and 22mm, with 22mm providing the most optimal damping of vibrations. Never exceed the maximum compression of 25mm to prevent the spring from being fully compressed and thereby losing its action.



VIBRATION DAMPER ASSEMBLY

- 1 Cap
- 2 Pressure plate
- 3 Steel spring
- 4 Rubber O-ring
- 5 Base
- 6 Rubber mat (Medium & Large)
- 7 Adjusting bolt
- 8 Lock nut
- 9 Washer



INSTALLATION PLACEMENT

Determine the location of the dampers and whether or not they should be fixed to the substrate. When securing the dampers to the substrate, it is necessary to carefully drill through the rubber mat (Medium & Large) from the bottom in order to insert the bolts.

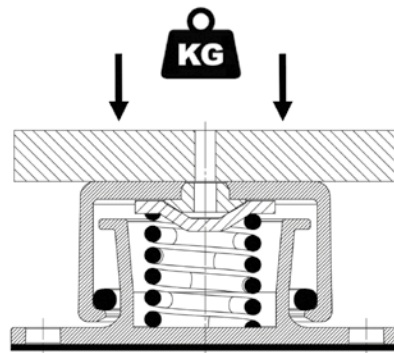
Attach the dampers to the substrate with bolts, observing the maximum tightening torque.

Fixing damper to substrate:

Type	Bolt	Tightening torque* (Nm)
Small	M8	5 Nm
Medium	M8	12 Nm
Large	M12	40 Nm

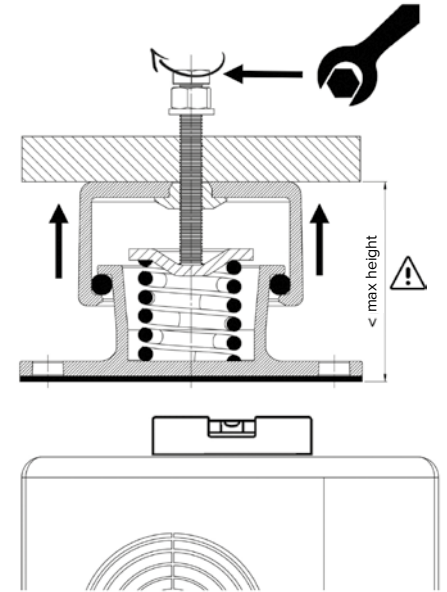
*Assuming bolt 8.8 with DIN125 washer

Then carefully lower the installation onto the dampers. The cap will drop down due to the weight.



HEIGHT ADJUSTMENT AND FIXING

- Turn the adjusting nut and washer all the way up on the adjusting bolt.
- Insert the adjustment bolt, nut and washer and turn the adjustment bolt **clockwise** until you feel resistance.
- Carefully tighten the adjustment bolt further, which will raise the cap.
- Turn the cap up as far as possible but do not exceed the maximum height (see diagram below)!
- Level the installation by alternately turning the adjusting bolts **anticlockwise** downwards a few turns.
- After adjusting the correct height, fix the installation with the locknut (note the max. tightening torque (see diagram below).



Type	Max height	Bolt	Tightening torque (Nm)
Small	58 mm	M8 x 40 mm	Max. 10 Nm
Medium	76 mm	M10 x 60 mm	Max. 48 Nm
Large	86 mm	M10 x 60 mm	Max. 48 Nm

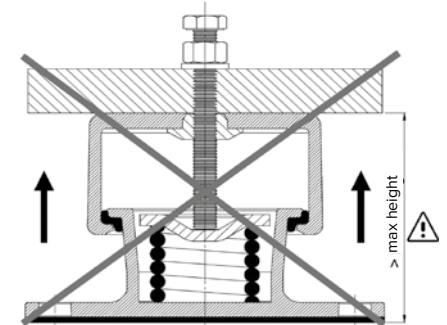
NOTE! Never exceed max. height!

MORE INFORMATION

Scan the QR code for detailed information and explanations on Premium vibration dampers.



If in doubt about the weight or load of the installation, contact the supplier of the installation. Always check in advance that the premium vibration dampers can be combined with the intended installation. Maskate or Canalit is not liable for any damage or consequential damage to roofing, construction or installation.



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