

ACE Stoßdämpfer GmbHAlbert-Einstein-Straße 15
D-40764 LangenfeldPostfach 1510
D-40740 LangenfeldT +49 (0)2173 - 9226 - 10
F +49 (0)2173 - 9226 - 19info@ace-int.eu
www.ace-ace.deGeschäftsführer: Jürgen Roland,
Dr. Peter Kremer
Amtsgericht Düsseldorf HRB 44976
Steuer-Nr. 135/5701/0040
USt-IdNr. DE 121 391 584Deutsche Bank
BLZ 300 700 10
Kto 4 073 490
IBAN DE83 3007 0010 0407 3490 00
BIC DEUTDE33XXX

Press Release

Date: April 2020

Subject: VibroChecker App and Compression Mounts from ACE calm air conditioning units

Vibrations eliminated with a free ACE app and 31 Euro of material

Split air-conditioning units are superior in terms of cost-benefit balance to other solutions for interior cooling, such as facade insulation and monoblock air-conditioning systems. If building regulations allow roof installation, then homeowners are only faced with a small problem. The problem can be solved quickly thanks to an intelligent app from ACE Stoßdämpfer GmbH. Some split air conditioning units produce strong vibrations that are transmitted through the walls to the living and sleeping areas below. By using VibroChecker, a free app from ACE, the homeowner turned his smartphone into a device for measuring vibrations and shocks. In a short time, he was then shown vibration technology solutions from ACE that enabled him to isolate the disturbing vibrations efficiently and permanently.

He selected four COM-52511 vibration dampers online using ACE's calculation software. In this case, even load distribution of the total mass of the air conditioner was 34.4 kg, which operated at a natural frequency of 7.0 Hz to 11.0 Hz. The compact machine elements are maintenance-free and the medium of choice in low-frequency applications from around 15 Hz. At 25 Hz the degree of isolation is 90%. Designed for temperatures from -30°C to 80°C, they are also ideally suited for vertical loads in industrial machines, small motors, pumps or compressors.

In this case, thanks to the app, a solution was found for 31 euros. This solution fully exploits the advantages of the air conditioning splitter, compared to competing monoblocks or expensive facade insulation. The user is happy about the cool app and now eagerly looks forward to the coming hot summers.

Free app and calculation program from ACE

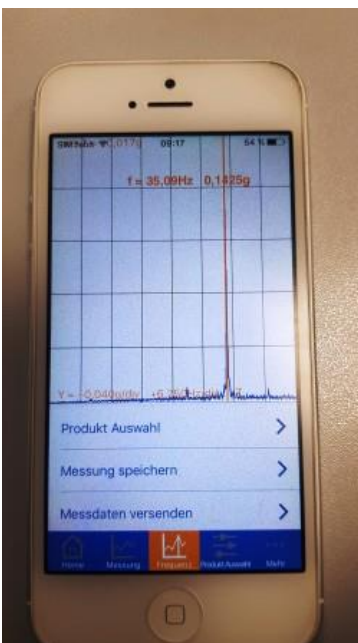
VibroChecker: <https://apps.apple.com/de/app/vibrochecker/id819293915>

Calculation program for vibration damping:

www.ace-ace.de/de/berechnungen/schwingungsdampfung.html

ACE Stoßdämpfer GmbHAlbert-Einstein-Straße 15
D-40764 LangenfeldPostfach 1510
D-40740 LangenfeldT +49 (0)2173 - 9226 - 10
F +49 (0)2173 - 9226 - 19info@ace-int.eu
www.ace-ace.deGeschäftsführer: Jürgen Roland,
Dr. Peter Kremer
Amtsgericht Düsseldorf HRB 44976
Steuer-Nr. 135/5701/0040
USt-IdNr. DE 121 391 584Deutsche Bank
BLZ 300 700 10
Kto 4 073 490
IBAN DE83 3007 0010 0407 3490 00
BIC DEUTDE33XXX**Bilder und Bildunterschriften**Bild 1 ACE Compression Mounts soothe air conditioning splitter.jpg

Can cool down, but also annoy and damage the construction if the vibrations of an air conditioning splitter are transmitted into the house structure and the interior of the building

Bild 2 ACE Vibro Checker Compression Mounts soothe A/C splitter.jpg

With VibroChecker, the free app for vibration measurement from ACE Stoßdämpfer GmbH, the homeowner can determine the vibration values of the vibration source and a suitable solution for its damping in no time

ACE Stoßdämpfer GmbHAlbert-Einstein-Straße 15
D-40764 LangenfeldPostfach 1510
D-40740 LangenfeldT +49 (0)2173 - 9226 - 10
F +49 (0)2173 - 9226 - 19info@ace-int.eu
www.ace-ace.deGeschäftsführer: Jürgen Roland,
Dr. Peter Kremer
Amtsgericht Düsseldorf HRB 44976
Steuer-Nr. 135/5701/0040
USt-IdNr. DE 121 391 584Deutsche Bank
BLZ 300 700 10
Kto 4 073 490
IBAN DE83 3007 0010 0407 3490 00
BIC DEUTDE33XXX**Bilder und Bildunterschriften**

Bild 3 ACE Compression Mounts soothe air conditioning splitter.jpg



Four vibration dampers with the type designation COM-52511 from ACE Stoßdämpfer GmbH efficiently isolate the disturbing vibrations and decouple the vibrations permanently from transmission into the building

Bild 3 ACE Compression Mounts soothe air conditioning splitter - Alternative.jpg



ACE Stoßdämpfer GmbHAlbert-Einstein-Straße 15
D-40764 LangenfeldPostfach 1510
D-40740 LangenfeldT +49 (0)2173 - 9226 - 10
F +49 (0)2173 - 9226 - 19info@ace-int.eu
www.ace-ace.deGeschäftsführer: Jürgen Roland,
Dr. Peter Kremer
Amtsgericht Düsseldorf HRB 44976
Steuer-Nr. 135/5701/0040
USt-IdNr. DE 121 391 584Deutsche Bank
BLZ 300 700 10
Kto 4 073 490
IBAN DE83 3007 0010 0407 3490 00
BIC DEUTDE33XXX**Bilder und Bildunterschriften**Bild 4 ACE Compression-Mounts.tif

The vibration dampers of ACE Stoßdämpfer GmbH with the product name Compression Mounts are high performance bearings which cover a load range from 6.3 kg to 2,053 kg at a natural frequency of 4.5 Hz to 17.3 Hz