

A photograph of a luthier in a workshop. The luthier is a man with glasses, wearing a blue and white plaid shirt and a dark blue apron. He is focused on working on the body of a guitar. The workshop is filled with various stringed instruments hanging from the ceiling, including acoustic guitars and violins. The lighting is warm and focused on the workbench. The background shows shelves with tools and materials.

Humidity for a better life

Why humidify?... For Guitars

Establishing balanced relative humidity (RH) is essential for the longevity of string instruments and protects the health of the musician.

- Prolong instrument life
- Reduce repair cost
- Maintain sound quality
- Prevent instrument cracking
- Maintain sound reaction time
- Protect the musicians health

Overview

Humidity control is essential for guitars from manufacturing, to retail spaces, and storage facilities. Ensuring that your indoor space where guitars are kept has an RH of between 40-60%RH will eliminate unnecessary expenses and will maintain the quality of the guitar. Owners of guitars and other string instruments spend thousands of unnecessary dollars each year, tuning and repairing their precious instruments. If proper relative humidity levels are maintained around these instruments, their sound quality, appearance and lifespan would all benefit. Have you ever felt sharp fret ends on your acoustic guitar or noticed that your strings buzz when played in the high registers? If so, you are experiencing the effects of low humidity.

Low humidity levels have devastating effects on string instruments as they are made of thin wood which are easily affected by temperature and humidity. Dry conditions also loosen tuning-pins, throwing instruments off key. Humidity plays an important role in preventing these problems.

Contact us today and ensure you have the best humidification solution for your guitar.

Preserve your guitar by watching the humidity

90-100% RH

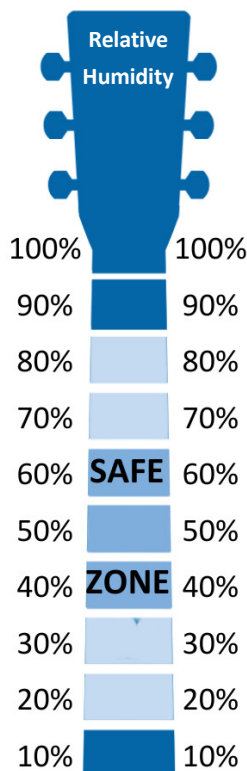
The guitar will swell, sound quality will diminish, braces will come unglued, bridge will come off, mold and mildew will begin to develop, and the guitar will appear swollen.

40-60% RH

Storing your guitar in its case and using both a hygrometer and a proper humidification system will keep your guitar in the safe zone.

30-40% RH

The top and back will start to swell, and action will begin to rise, making the guitar harder to play.



Guitars can benefit from proper humidification in:

- Guitar cases
- Practise rooms
- Manufacturers
- Retail spaces
- Storage facilities
- Recording studios

60-80% RH

The top will begin to sink, causing playability issues. The fretboard could begin shrinking, fret ends will start to become sharp, and thinner tops and backs may develop

10-30% RH

Top and back will belly more than is normal, mildew will develop as well as oxidation of the frets.

FREE CONDAIR HYGROMETER

We recommend having a hygrometer on hand to ensure that your guitar is in a space that is adequately humidified.

Visit www.condair.com/hygrometer to request your complimentary hygrometer!

