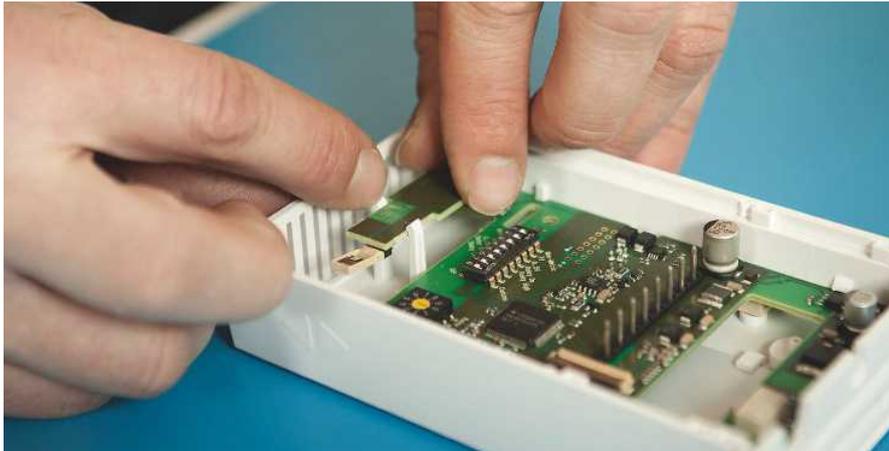


Simplify Service with Interchangeable Measurement Modules



Features

- Simple to install in the field
- Compact and easy to handle
- Calibration Certificate included
- Cost-effective
- Maintains continuous operation.

Anything worth measuring is worth measuring right, and to do that, periodic calibration is essential. Calibration and repair services require time and money, which is why Vaisala offers many options to suit your operational needs.

Maintaining Performance

From traditional systems to advanced HVAC control methods such as Demand Controlled Ventilation (DCV), reducing energy consumption in the built environment relies on quality measurement data. If you're not measuring correctly, you might be losing out on some or even all of those potential savings. It is also not enough that accuracy requirements are met out of the box, the requirements should be maintained during the lifetime of the building.

When should I calibrate?

While there's no single right answer to this question, "never" is always the wrong answer. A good starting point is to determine the accuracy and the long-term stability required. Do not accept automatic drift compensation as a

"good-enough" alternative - as all sensors have some drift. Always start with a shorter inspection interval and increase it gradually. Your actual field inspection data is the best way to determine the right inspection interval for your instrument.

For many basic applications, Vaisala's HVAC products are essentially maintenance free. The specified long-term stability is usually so good that adjustments are rarely needed, although a field check is always recommended. In more demanding applications, where traceability is required to maintain certifications, you can choose to carry out field checking and any necessary adjustments yourself.

With some of our products you can calibrate or adjust relative humidity, temperature, or CO₂ readings with a handheld

instrument, such as our HM70 or GM70 instruments. Perhaps the easiest solution is to purchase field-replaceable measurement modules that come with a calibration certificate. These measurement modules can be exchanged in minutes.



GMW95R CO₂, %RH & Temperature transmitter

Vaisala Sensor Modules

With Vaisala's replaceable measurement modules, you can choose the method of calibration or replacement that best allows you to maintain your instruments to suit your specific needs.

The HTM10SP Humidity and Temperature module, and the GM10SP Carbon Dioxide (CO₂) measurement module include a traceable factory calibration certificate.

Compatible Vaisala HVAC instruments include:

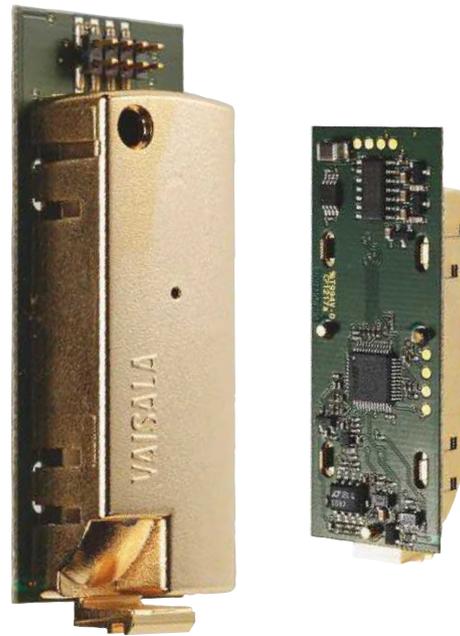
- HMW90 Series for %RH & Temp
- GMW90 Series for CO₂ & Temp
- GMW90R Series for CO₂, %RH & Temp
- GMW80 Series can use the GM1080SP module and INTERCAP humidity sensor without calibration certificate.



GMW90R Series Wall-mount transmitters



HTM10SP %RH & Temperature Module



GM10SP CO₂ Module

VAISALA

Please contact us at
www.vaisala.com/contactus

www.vaisala.com



Scan the code for more information

Ref. B212471EN-A ©Vaisala 2022

This material is subject to copyright protection, with all copyrights retained by Vaisala and its individual partners. All rights reserved. Any logos and/or product names are trademarks of Vaisala or its individual partners. The reproduction, transfer, distribution or storage of information contained in this brochure in any form without the prior written consent of Vaisala is strictly prohibited. All specifications — technical included — are subject to change without notice.