CELSICOM EASY CONNECT

A dream for adjusters.

Connected, wireless and battery-powered sensor
for efficient ventilation adjustment.
Discover the **Celsicom V600**!

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Celsicom V600:

“An excellent tool: all air values are correct straight away!”

The reference ventilation device sensor Celsicom V600 allows you to adjust ventilation entirely on your own. Simply connect the V600 to the reference ventilation device/ diffuser and you are ready to start measuring and follow the entire process on your mobile phone, for example. ”This is an excellent tool that helps me set the right values on all devices without having to go back and forth and manually check the flow of the reference ventilation device, which saves a huge amount of time.” Says Tor Halvorsen, ventilation technician at VXPro AB, who has 25 years of experience in the industry.

Measuring range:
±320 Pa

Accuracy:
3 % of the measured value (Pa)

Measurement technology differential pressure:
Flow measurement

Recommended batteries:
2 x AA 1.5V lithium

Dimensions (mm) and weight:
78 (w) x 114 (h) x 30 (d) and 119 g

IP rating:
43

Update frequency:
From 1 second

Dimension requirements for measuring hose / measuring hook:
Max. 1.0 m long and inner diameter of at least 3.0 mm

Simple, effective flow adjustments

Ventilation adjustments couldn’t be easier. All you need is the Celsicom V600 reference sensor, an air flow meter of your choice and your mobile phone or tablet. After spending a few minutes creating a user account (see ”Scan and start measuring” on the next page), simply connect the sensor to the reference device and you’re ready to go. Then simply make all the settings and start the adjustment process on your mobile phone/tablet.

Sends measurement data on a reliable mobile frequency

Many other remote measurement systems send measurement data to a local base station (gateway), which requires good coverage between the measurement equipment and the base station. Our measuring instrument both measures AND transmits (with an integrated SIM card) directly to the Celsiview cloud service. All measurement data is sent using Narrowband Internet of Things (NB-IoT) technology on a dedicated frequency in the mobile network. This technology gives the sensor better coverage than a normal mobile phone on the same network, so even with very weak signals, connection via NB-IoT is possible.

Up to 150 hours of uninterrupted measurement

The Celsicom V600 does not require access to an external power supply, which can sometimes be difficult to provide. Instead, the device is powered by two replaceable AA lithium batteries. The operating time is up to 150 hours (depending on ambient temperature, signal strength and battery quality). You will receive an email when the batteries are running low and need to be replaced.

The Celsiview cloud service:

Guides you through the entire adjustment process.

The web-based, user-friendly Celsiview cloud service makes your adjustment work considerably easier. Read about how to get started and make adjustments using Celsiview. Feel free to check out the demo at **app.celsiview.se**

Scan and start measuring

The first thing you need to do is remove the sliding cover and scan a QR code on the side of the sensor. This will open a web window on your mobile phone/tablet where you can create an account for the Celsiview cloud service. After filling in your details and naming the sensor, you are quickly up and running and can immediately see the current measurements. If you already use other Celsicom products and have an account, simply log in and add the reference device meter.

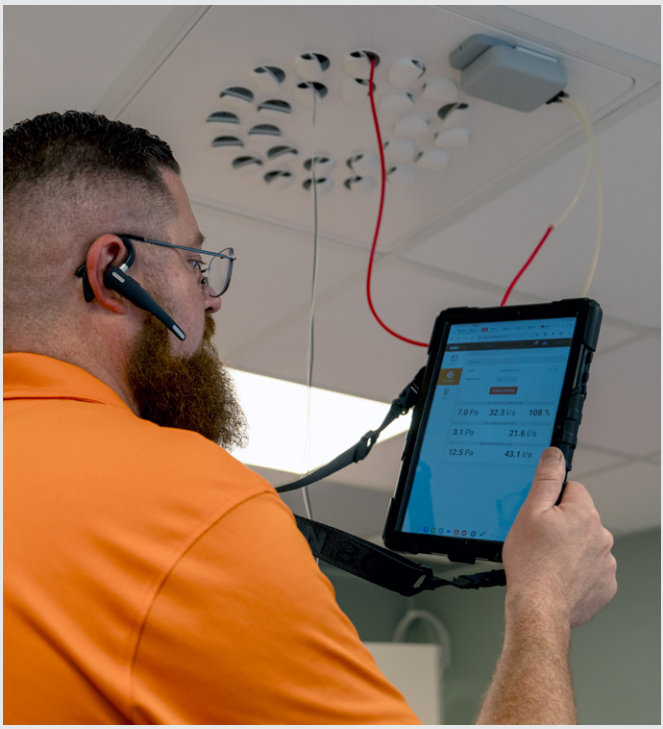
Displays updated air values

On the Celsiview website, enter the K-factor and projected flow for the reference device and the devices you want to adjust. The adjustment is made according to the principle of proportionality. This means that the reference unit's flow is shown as a percentage of the projected flow and the flow to which the other units should be adjusted. If there is a change in pressure, the values are recalculated in seconds. This means that you always have access to current measurement data from the reference device. The interface can be set to display the flow as l/s or m³/h and the pressure in Pa on the devices.

Low cost – big benefits

The web-based service Celsiview is a prerequisite for ventilation adjustments with Celsicom V600. For a modest monthly fee per V600, you can make adjustments yourself. And at the same time work much more efficiently because you don't have to go back and forth to check the current values on the device. You can find the current monthly fee at nordtec.se

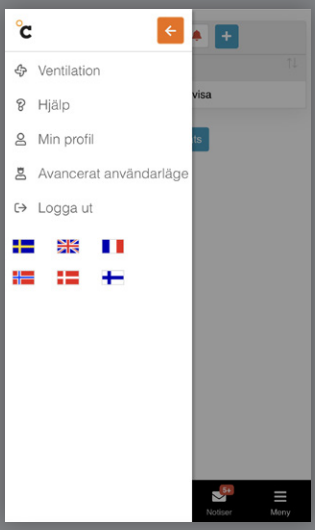
See more about Celsiview on the back »



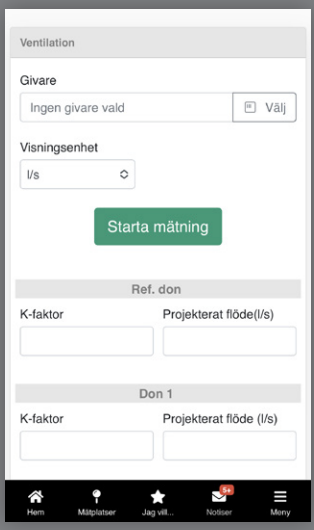
Ventilation technician Tor Halvorsen at VXPro AB.

Simple settings for precise adjustments.

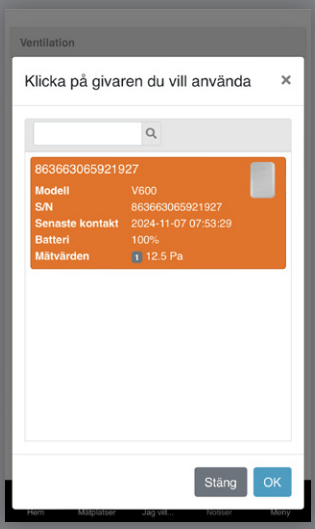
Here are five views showing how you can easily make all the settings on your mobile phone or tablet and quickly get started with accurate and time-efficient adjustments to ventilation systems.



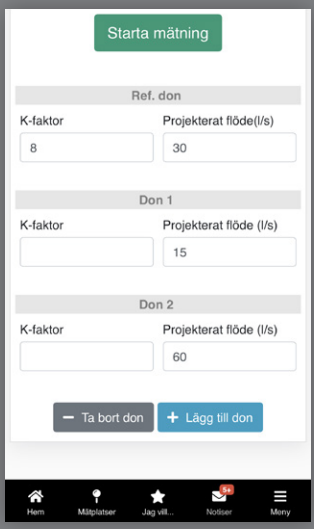
After scanning the QR code inside the sensor and creating an account in Celsiview, "Ventilation" appears in the menu.



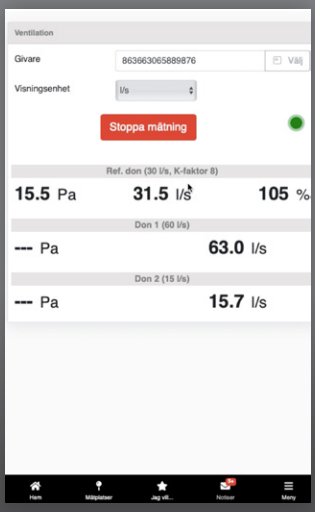
In the "Ventilation" menu option, select the V600 (serial number) to be used for the adjustment.



Overview and current status of your selected sensor. Click OK to continue.



You can easily set the values for the reference ventilation device and all other devices included in the adjustment.



Based on the current values of the reference ventilation device, Celsiview continuously calculates updated values for all devices that you need to adjust.

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