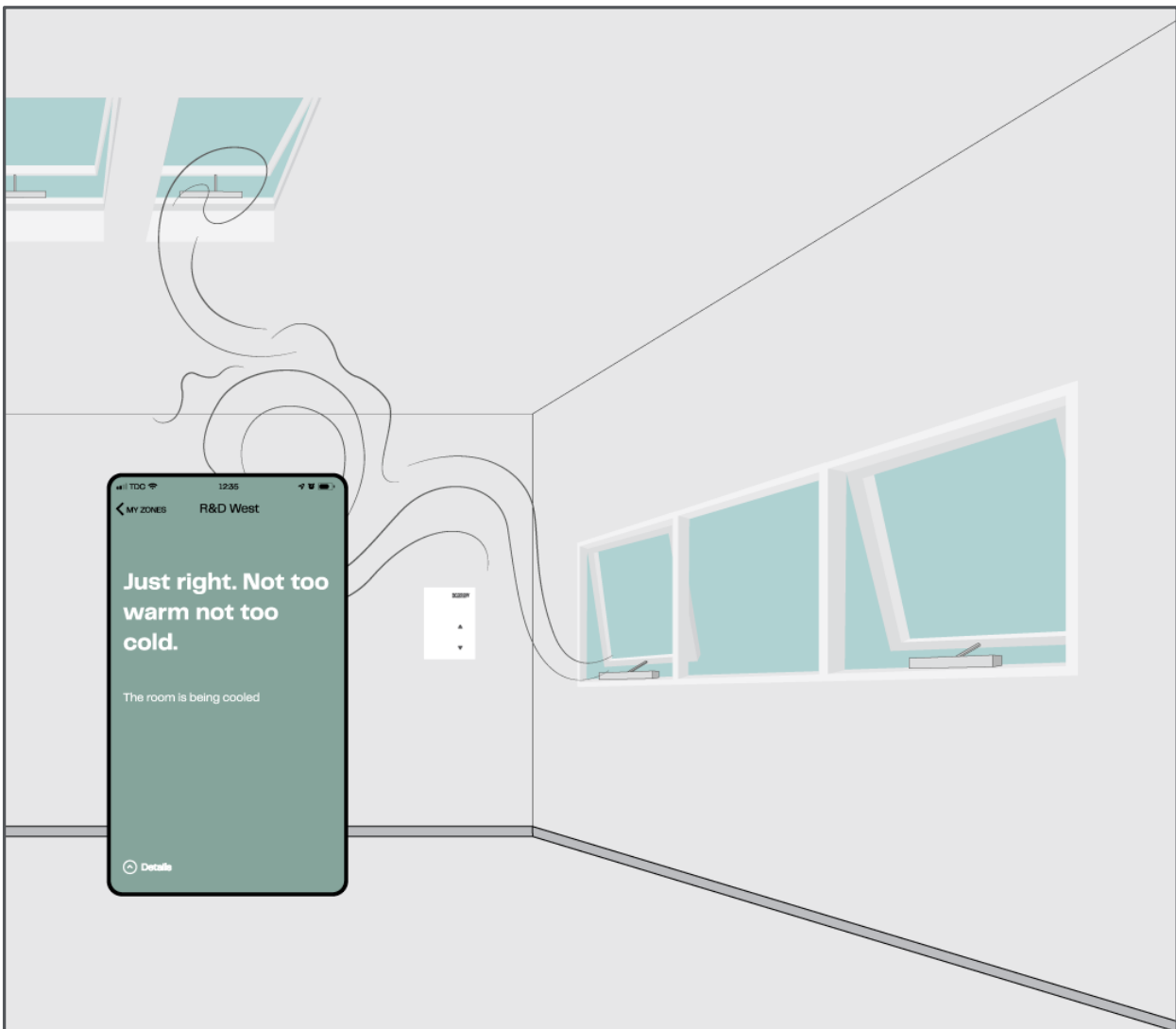


NV Embedded®

End user manual



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1. Disclaimer and privacy policy

WindowMaster shall not be liable for consequential damage that may arise in connection with the Customer's, the Administrator's, registered users', or anybody else's configuration changes in NV Embedded®.

When using WindowMaster's app or dashboard to control the indoor climate in connection with an NV Embedded® solution, you register as a user with name, email address and password. Before you register as a user, you must accept our "Terms of Use for the NVE App" and "General Terms for NV Embedded® with Cloud Solution", which is stated before downloading the app.

Your contact information is not stored in our CRM system, but only in a secured WindowMaster Cloud and only in connection with the building to which you have been granted access.

WindowMaster reserves the right to make changes to the NV Embedded® system without farther notice.

2. General

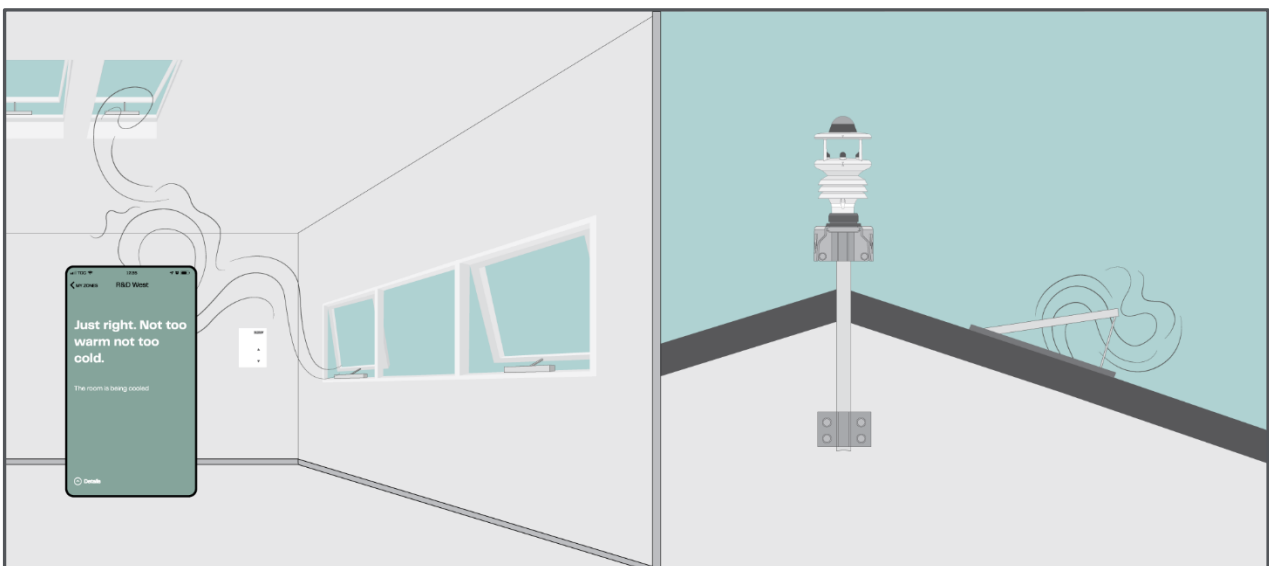
NV Embedded® (NVE) is an indoor climate control solution, utilizing natural ventilation to deliver optimized indoor climate in buildings.

By automatically opening and closing windows the NVE system lets fresh air enter the building and lets used warmed air out of the building.

The system can combine control of the heating as well as assisting mechanical ventilation in the building to achieve optimal indoor climate in the building while minimizing energy usage and CO2 footprint.

A sensor in each room measures temperature, CO2 level, and relative humidity. This enables independent control of the room which can be adapted to the specific usage of the room and the preferences of its occupants.



A weather station on the roof supplies the current weather conditions, like outdoor temperature, rain, and wind speed. This allows the system to maximize the use of fresh air from the outside while minimizing potential discomfort from too much opened windows.



3. Modes of operation

When the temperature in a room or an area in the building, is higher than the defined level (setpoint), NVE will attempt to lower the temperature in the room by opening the windows more and more. This situation typically happens during the summer period and is therefore often called 'Summer mode'. When the temperature in a room or an area of the building is lower than the setpoint, NVE will activate the heating elements in the room, if they are controlled by NVE, and only open the windows for a short time, once in a while, to apply fresh air into the room and reduce the CO2 level in it. This situation typically happens during the winter period and is therefore often referred to as 'Winter mode' or 'Pulse ventilation mode'.

4. Manual override

The automatic control of the windows can be manually overridden by pressing the  Open or  Close touch buttons, on the Indoor sensor, mounted on the wall, in each NVE controlled room in the building.



When overriding the automatic system windows will only react to the touch buttons and will return to the automatic control system 30 minutes after the latest press of the buttons.

5. Mobile application

A mobile application is available when the NVE system is allowed to communicate with the WMaCloud solution. The app shows the current climate conditions in a room and it gives the opportunity to manually override the automatic system like when the touch buttons on the sensor are pressed.



The NVE app is available for iOS and Android mobile devices and can be downloaded from the App Store or Google Play.

Ask the building Facility manager of the building to create a user account for you and assign you the permissions to access your part of the building through the mobile application.