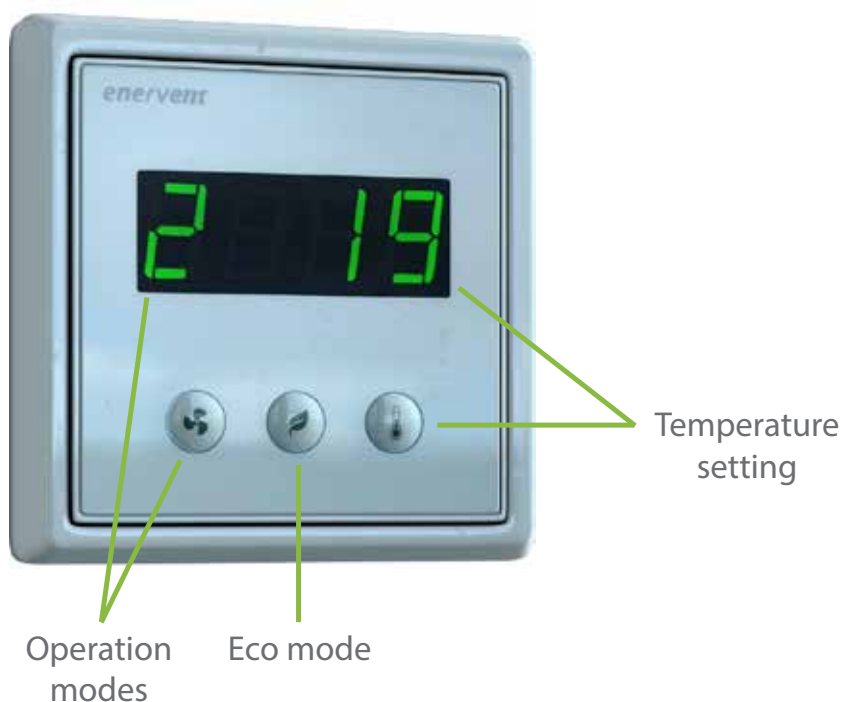# Enervent eWind

THE LATEST IN VENTILATION CONTROL

enervent

Enervent eWind

Enervent eWind is the latest in ventilation control. The control is unbelivable versatile, yet very easy to commission and use. It is a real bargain - loads of features to a reasonable price thanks to the cost efficient eWind control panel.

Temperature setting

Operation modes

Eco mode

Preset, easy to use control

The eWind control is very intelligent, yet easy to use. Versatile controls are often perceived as difficult to use, due to a vast amount of choises and menus. eWind is preset on the factory, for fast commissioning. In addition the control panel lets the user control only the most essential functions - all the rest is handled by the control. Hence, the control panel is self-explanatory and easy to use.

Superior sensor technology

There is five temperature sensors and one humidity sensor within a ventilation unit with eWind control. This means the ventilation can be very precisely controlled in relation to the surrounding environment. This happens automatically and doesn't require any interaction from the user.

Situation-based control

Operation modes – different situations of your daily life – cover all the ventilation needs. Choose the situation, and the mode will adjust accordingly by itself. The supply and exhaust air flows can be controlled individually in all the operation modes.

1 = **Away**
2 = **Home**
3 = **Boost**
4 = **Super boost**

Eco mode

By activating eco modethe user allows the ventilation to be as energy efficient as possible. During eco mode the ventilation unit makes slight changes in temperature and ventilation set points. The unit doesn't react as fast as normally to changes in temperature, but it follows the trend before heating or cooling. This environmentally friendly mode doesn't significantly decrease the comfort in your home but it saves energy.

Remote control

It is possible to install two separate eWind panels, for example on two floors.
eWind can be externally controlled with Modbus RTU, Modbus TCP/IP and KNX.

Measurement data

Measurement data can be viewed on the eWind panel. The data consists of temperature, humidity, heat recovery efficiency and other measured values.

Control feature comparision

	eAir	eWind	ECC
Fan speed settings	Through operation modes	Four modes	4-step
Supply air temperature set point	✅	✅	✅
Control of electrical after heater	✅	✅	✅
Over pressure mode	✅	✅	✔
Alarm and maintenance reminder	✅	✅	✅
Humidity boosting	✅	✅	✔
Possibility to connect two panels to one unit	✅	✅	✅
Cooling recovery	Automatic	Automatic	Manual
KNX connectivity	✔	✔	
Commissioning parameters view	✅	✅	
On-off control for CHG brine pump	✅	✅	
On-off control for GWC damper motor	✅	✅	
Control for CHG coil 3-way valve motor	✅	✅	
Exercising of brine pumps during standby	✅	✅	
Exercising of the HRW during standby	✅	✅	
Modbus RTU	✅	✅	
Modbus TCP/IP	✅	✅	
Stepless control of heat recovery	✅	✅	
Control of damper motors	✅	✅	
Control of electrical pre-heater	✅	✅	
Control of water pre-heater/cooler	✅	✅	
Control of water heater	✅	✅	
Eco mode	✅	✅	
Control of water cooler	✅	✅	
Boosting function	✅	✅	
Measurements view	✅	✅	
Carbon dioxide boosting	✔	✔	
Time programs	✅		
Summer night cooling	✅		
Temperature boosting	✔		
Compensation for hood/central vacuum cleaner	✔		
Constant duct pressure mode	✅		
Internet user interface	✅		
Time extension mode	✅		
Setup wizard	✅		

✅ This feature is always included
✔ This feature is available with extra equipment