

OXYGEN



Next generation ventilation units
easy to install, easy to use

JUST LIKE BREATHING


MADE IN LITHUANIA

oxygen.lt

Simple, innovative solutions

Who are we and what do we want?

What are our guidelines?

Only well-conceived solutions

We are OXYGEN – developers and manufacturers of advanced Lithuanian ventilation systems. Our mission is to ensure a healthy microclimate in every home. We aim to break market stereotypes and offer a superior alternative – smarter, more efficient and more compact products.

Inspired by the European Commission's ambitious strategy for sustainable economic growth, the European Green Deal, together with the KTU University team, we have developed a compact, easy-to-install and easy-to-use heat recovery unit, controlled by a unique energy-saving algorithm.

We offer well-thought-out solutions based on modern technologies and products that are easy to install and user-friendly. With OXYGEN, it's as easy as breathing.



Healthy home microclimate

Enthalpy

Heat and cool recovery

Fresh air and hygiene

Forget dry mouths, dry eyes and skin, and hundreds of euros spent on moisturizers. Enthalpy is cutting-edge technology that preserves the humidity in your home, and therefore helps maintain your health.

A heat recovery unit is like a fridge that can never be switched off. It is useful in both winter and summer because it efficiently keeps your home warm or cool, saving you money.

Ventilation ensures that air has the right amount of oxygen, eliminating harmful CO₂. The filters trap dust, insects and even germs. Rest assured, thanks to the hygienic airflow technology, unwanted kitchen smells are eliminated.



Tailored to Lithuanian and Nordic climates

Non-freezing

Low costs

High energy efficiency

Your smart heat recovery unit will never freeze. We guarantee uninterrupted ventilation for your home.

Thanks to 5 internal sensors and a unique energy-saving algorithm, you'll conserve heat while ventilating your home, using the minimum amount of electricity.

OXYGEN heat recovery ventilators with advanced plate counterflow heat exchangers are suitable for even the highest energy class A++. Save up to 93% energy.



Easy to install

Everything is included

The electric heater, control automation and other necessary components are located inside the unit, eliminating the time and cost of installing external ventilation accessories and reducing the space required to install the heat recovery unit.

Lightweight

The compact and ultra-lightweight OXYGEN heat recovery unit housing is made of EPP material with excellent thermal and acoustic insulation properties. Installing OXYGEN products alone is fast and easy.

Easy Academy

Increase your knowledge and gain practical experience at the Easy Academy training courses, where we share best practices, present the latest news from the ventilation world and advise on all ventilation issues.



Comfort features

Bathroom mode

Press the auxiliary switch together with the light switch to activate the increased ventilation mode and the heat recovery unit will remove steam and unwanted odors.

Hood mode

Activate the enhanced ventilation mode while cooking. When coupled to the extractor fan, the heat recovery unit will extract vapors and unwanted odors.

Summer ventilation

Enjoy fresh air in summer by opening your windows, and entrust the heat recovery unit with the ventilation of bathrooms, kitchens and other enclosed spaces.



Easy to use

Smart control

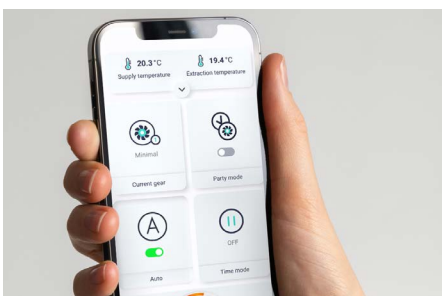
Enjoy all the smart features by controlling the heat recovery unit via the app or the color LCD touchscreen control panel.

Easy maintenance

Easily replace the filters by opening the filter covers. OXYGEN heat recovery units no longer require any servicing.

An invisible helper

The heat recovery unit will adapt to your lifestyle – a weekly ventilation program will give you extra comfort every day.



EASY C180

Smart Ceiling Mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation smart **non-freezing** ventilation units easy to install, easy to use



Compact design - only 27.2 cm

Suitable up to A++ 80 m²

93 % heat recovery

Easy to replace filters

Quiet operation

Non-freezing

CO2 control *

Bluetooth and Wifi

Integrated adaptive pre-heater

Unique energy-saving algorithm

ebmpapst

German fans

Intelligent control that helps you breathe easier

With the powerful Amazon Web Service cloud solution



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

SKU

Product

P000127	Easy C180 right
P000129	Easy C180 left
P000128	Easy C180 right with integrated CO2 sensor*
P000130	Easy C180 left with integrated CO2 sensor*
P000004	Easy control panel with Wifi and Bluetooth white
P000176	Easy control panel with Wifi and Bluetooth black
P000182	LCD SimpleTouch control with Wifi and Bluetooth white
P000005	LCD SimpleTouch control with Wifi and Bluetooth black



Compact design



Easy to install



Smart management



Quiet operation



Comfort & Well-being



Energy efficient



EcoDesign compliant



Integrated CO2

EASY C180

Technical specification

OXYGEN

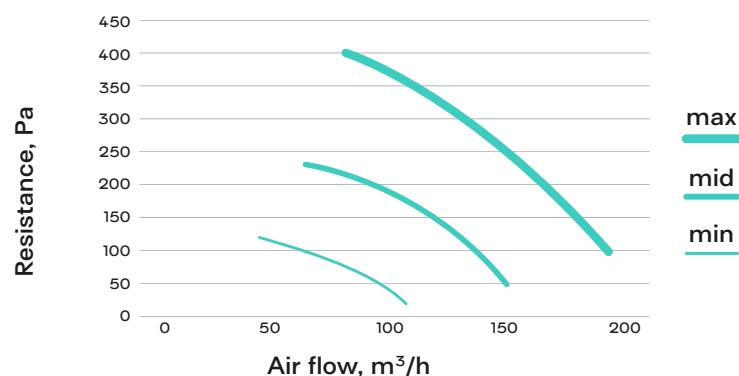
Specific energy consumption (SEC), SEC class

Cold climate	kWh/m ² .a	-83.5
Average climate	kWh/m ² .a	-43.3
Warm climate	kWh/m ² .a	-13.0
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	93
Maximum flow rate	m ³ /h	143
Electric power input of the fan drive, including	W	76
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.028
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.29
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	373
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	9172
Average climate	kWh/100m ² .a	4689
Warm climate	kWh/100m ² .a	2120
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	24
Color		Labanoras Moss

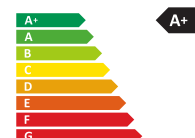
Compliance and standards

2009/125/EB: ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; 2010/30/ES: ES 1254/2014; 2011/65/ES: EN 50581(2012); 2014/35/ES: EN 60335-1:2012, EN 60335-1:2012/A11:2014.

Performance curves



OXYGEN Easy C180



49 dB
143 m³/h

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2016 1254/2014

OXYGEN group, JSC

Birželio 23-osios st. 29, Kaunas 50201, Lithuania

MADE IN LITHUANIA

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EASY C180E

Smart Ceiling Mounted Heat Recovery Unit **With Enthalpy**



Just like breathing

Next generation smart **non-freezing** ventilation units easy to install, easy to use



Compact design - only 27.2 cm

Suitable up to A++ 80 m²

93 % heat recovery

Easy to replace filters

Moisture recovery

Non-freezing

CO2 control *

Bluetooth and Wifi

Integrated adaptive pre-heater

Unique energy-saving algorithm

ebmpapst

German fans

Intelligent control that helps you breathe easier

With the powerful Amazon Web Service cloud solution



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

SKU

Product

P000131	Easy C180E enthalpy right
P000133	Easy C180E enthalpy left
P000132	Easy C180E enthalpy right with integrated CO2 sensor*
P000134	Easy C180E enthalpy left with integrated CO2 sensor*
P000004	Easy control panel with Wifi and Bluetooth white
P000176	Easy control panel with Wifi and Bluetooth black
P000182	LCD SimpleTouch control with Wifi and Bluetooth white
P000005	LCD SimpleTouch control with Wifi and Bluetooth black



Compact design



Easy to install



Smart management



Moisture recovery



Comfort & Well-being



Energy efficient



EcoDesign compliant



Integrated CO2

EASY C180E

OXYGEN

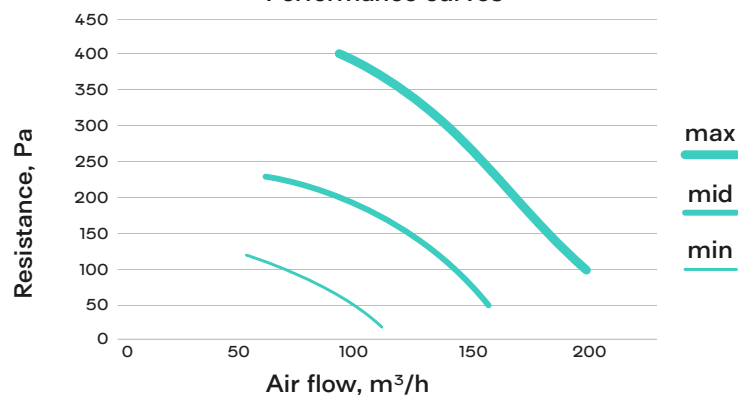
Technical specification

Specific energy consumption (SEC), SEC class

Cold climate	kWh/m ² .a	-82.0
Average climate	kWh/m ² .a	-42.9
Warm climate	kWh/m ² .a	-17.9
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	87.9
Maximum flow rate	m ³ /h	143
Electric power input of the fan drive, including	W	76
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.028
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.24
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	172
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	9096
Average climate	kWh/100m ² .a	4650
Warm climate	kWh/100m ² .a	2103
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 539 x 273
Weight	kg	25
Color		Labanoras Moss

Compliance and standards **2009/125/EB:** ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; **2010/30/ES:** ES 1254/2014; **2011/65/ES:** EN 50581(2012); **2014/35/ES:** EN 60335-1:2012, EN 60335-1:2012/A11:2014.

Performance curves



OXYGEN Easy C180E



49 dB

14.3 m³/h

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2016 1254/2014

OXYGEN group, JSC
Birželio 23-osios st. 29, Kaunas 50201, Lithuania

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EASY C200

Smart Ceiling Mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation smart **non-freezing** ventilation units easy to install, easy to use



Compact design - only 27.2 cm

Suitable up to A++ 100 m²

87.9 % heat recovery

Easy to replace filters

Easy to install

Non-freezing

CO2 control *

Bluetooth and Wifi

Integrated adaptive pre-heater

Unique energy-saving algorithm

ebmpapst

German fans

Intelligent control that helps you breathe easier

With the powerful Amazon Web Service cloud solution



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

SKU

Product

P000135	Easy C200 right
P000137	Easy C200 left
P000136	Easy C200 right with integrated CO2 sensor*
P000138	Easy C200 left with integrated CO2 sensor*
P000004	Easy control panel with Wifi and Bluetooth white
P000176	Easy control panel with Wifi and Bluetooth black
P000182	LCD SimpleTouch control with Wifi and Bluetooth white
P000005	LCD SimpleTouch control with Wifi and Bluetooth black



Compact design



Easy to install



Smart management



Quiet operation



Comfort & Well-being



Energy efficient



EcoDesign compliant



Integrated CO2

EASY C200

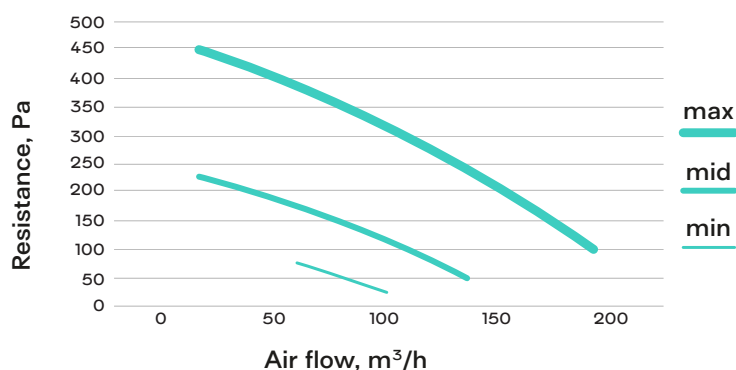
OXYGEN

Technical specification

Specific energy consumption (SEC), SEC class

Cold climate	kWh/m ² .a	-81.6
Average climate	kWh/m ² .a	-42.0
Warm climate	kWh/m ² .a	-16.8
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	90
Maximum flow rate	m ³ /h	200
Electric power input of the fan drive, including	W	110
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.039
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.34
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	223
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	9182
Average climate	kWh/100m ² .a	4693
Warm climate	kWh/100m ² .a	2122
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	24
Color		Labanoras Moss
Compliance and standards	2009/125/EB: ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; 2010/30/ES: ES 1254/2014; 2011/65/ES: EN 50581(2012); 2014/35/ES: EN 60335-1:2012, EN 60335-1:2012/A11:2014.	

Performance curves



ENERGY label for OXYGEN Easy C200. The label includes the EU flag, the text 'ENERGY', and the energy class 'A+'. It also displays the sound power level '49 dB' and the flow rate '200 m³/h'. At the bottom, it lists the standards: EN 60335-1:2012, EN 60335-1:2012/A11:2014.

EASY C200E

Smart Ceiling Mounted Heat Recovery Unit **With Enthalpy**

OXYGEN

Just like breathing

Next generation smart **non-freezing** ventilation units easy to install, easy to use



Compact design - only 27.2 cm

Suitable up to A++ 100 m²

80.8 % heat recovery

Easy to replace filters

Quiet operation

Non-freezing

CO2 control *

Bluetooth and Wifi

Integrated adaptive pre-heater

Unique energy-saving algorithm

ebmpapst

German fans

Intelligent control that helps you breathe easier

With the powerful Amazon Web Service cloud solution



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

SKU

Product

P000115	Easy C200E enthalpy right
P000141	Easy C200E enthalpy left
P000140	Easy C200E enthalpy right with integrated CO2 sensor*
P000142	Easy C200E enthalpy left with integrated CO2 sensor*
P000004	Easy control panel with Wifi and Bluetooth white
P000176	Easy control panel with Wifi and Bluetooth black
P000182	LCD SimpleTouch control with Wifi and Bluetooth white
P000005	LCD SimpleTouch control with Wifi and Bluetooth black



Compact design



Easy to install



Smart management



Moisture recovery



Comfort & Well-being



Energy efficient



EcoDesign compliant



Integrated CO2

EASY C200E

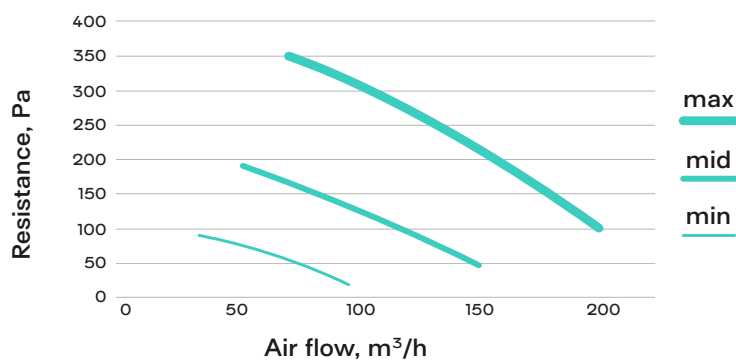
Technical specification

Specific energy consumption (SEC), SEC class

Cold climate	kWh/m ² .a	-77.3
Average climate	kWh/m ² .a	-39.6
Warm climate	kWh/m ² .a	-15.4
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	80.8
Maximum flow rate	m ³ /h	200
Electric power input of the fan drive, including	W	110
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.039
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.38
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	245
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	8809
Average climate	kWh/100m ² .a	4503
Warm climate	kWh/100m ² .a	2036
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	25
Color		Labanoras Moss

Compliance and standards **2009/125/EB:** ES 1253/2014, ES 1254/2014, ES 1254/2014; **2010/30/ES:** ES 1254/2014; **2011/65/ES:** EN 50581(2012); **2014/35/ES:** EN 60335-1:2012, EN 60335-1:2012/A11:2014.

Performance curves



OXYGEN Easy C200E



49
dB

200 m³/h

ENERGIA CLASSE A+ ENERPIA ENERPIA ENERPIA ENERPIA ENERPIA ENERPIA ENERPIA
2016 1254/2014

OXYGEN group, JSC
Birželio 23-osios st. 29, Kaunas 50201, Lithuania

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EASY C250

Smart Ceiling Mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation smart **non-freezing** ventilation units easy to install, easy to use



Compact design - only 27.2 cm

Suitable up to A++ 120 m²

80.3 % heat recovery

Easy to replace filters

Quiet operation

Non-freezing

CO2 control *

Bluetooth and Wifi

Integrated adaptive pre-heater

Unique energy-saving algorithm

ebmpapst

German fans

Intelligent control that helps you breathe easier

With the powerful Amazon Web Service cloud solution



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

SKU

Product

P000143	Easy C250 right
P000145	Easy C250 left
P000144	Easy C250 right with integrated CO2 sensor*
P000146	Easy C250 left with integrated CO2 sensor*
P000004	Easy control panel with Wifi and Bluetooth white
P000176	Easy control panel with Wifi and Bluetooth black
P000182	LCD SimpleTouch control with Wifi and Bluetooth white
P000005	LCD SimpleTouch control with Wifi and Bluetooth black



Compact design



Easy to install



Smart management



Quiet operation



Comfort & Well-being



Energy efficient



EcoDesign compliant



Integrated CO2

EASY C250

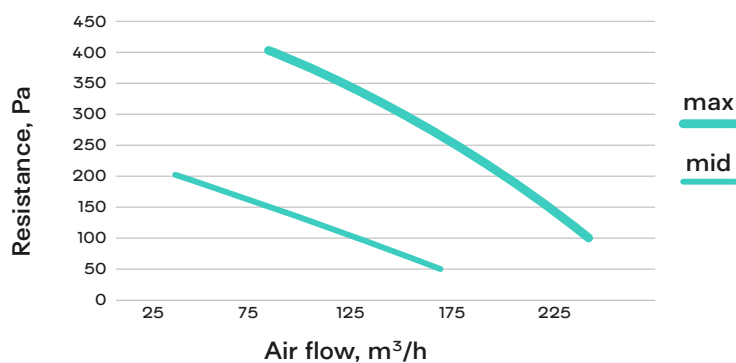
OXYGEN

Technical specification

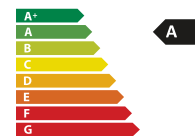
Specific energy consumption (SEC), SEC class

Cold climate	kWh/m ² .a	-84.5
Average climate	kWh/m ² .a	-41.6
Warm climate	kWh/m ² .a	-17.0
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	80.3
Maximum flow rate	m ³ /h	243
Electric power input of the fan drive, including	W	106
Sound power level (LWA)	dB	49
Reference flow rate	m ³ /s	0.047
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.25
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.4
External	%	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	130
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	8790
Average climate	kWh/100m ² .a	4490
Warm climate	kWh/100m ² .a	2030
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 539 x 273
Weight	kg	24
Color		Labanoras Moss
Compliance and standards	2009/125/EB: ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; 2010/30/ES: ES 1254/2014; 2011/65/ES: EN 50581(2012); 2014/35/ES: EN 60335-1:2012, EN 60335-1:2012/A11:2014.	

Performance curves



OXYGEN Easy C250



49 dB
230 m³/h

EN ISO 1254/2014

OXYGEN group, JSC

Birželio 23-osios st. 29, Kaunas 50201, Lithuania

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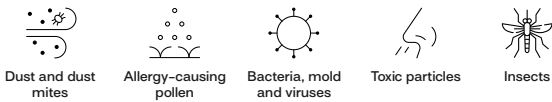
Heat recovery unit = health

A ventilation unit is an investment in your health. By having a smart ventilation system at home, you can create healthier living conditions. Why is clean air so important for the human body?

Heat recovery unit as a cure for diseases

Poor sleep, fatigue or inability to concentrate – these problems are often caused by poor indoor air quality. Ensuring that fresh air is constantly circulating in your home is a big step towards a healthy home microclimate.

Ventilation unit protect against:



Sustainability

The European Commission's strategy for sustainable growth – the European Green Deal – envisages energy-efficient and, in the future, passive houses. Perhaps the most important element of such homes is the heat recovery system. A recuperator is a sustainable product that reduces our CO2 footprint while conserving energy. Breathe eco-friendly air.

Intelligent control that helps you breathe easier



Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

With the powerful Amazon Web Service cloud solution





No more headaches for property developers

Developing real estate? Don't get lost in the confusing world of ventilation systems. OXYGEN breaks the established rules, offering simplicity, efficiency and progress. By consulting OXYGEN at the very beginning of your project, you will not only avoid mistakes, but also save money.

The right heat recovery unit will reduce the cost of building insulation and allow you to achieve a higher energy performance class. And a good quality ventilation unit will make a buyer's decision much easier.

Installers are OXYGEN's true ambassadors

It has never been easier for installers. Installing an OXYGEN heat recovery unit alone is easier and up to 2 times faster. The electric heater, control automation and other necessary components are located inside, so you won't have to spend time installing external accessories and you'll need less space to install the heat recovery unit.

In cooperation with OXYGEN, increase your knowledge and gain practical experience at the Easy Academy training sessions, where we share best practices, present the latest news from the ventilation world and advise on all ventilation issues.



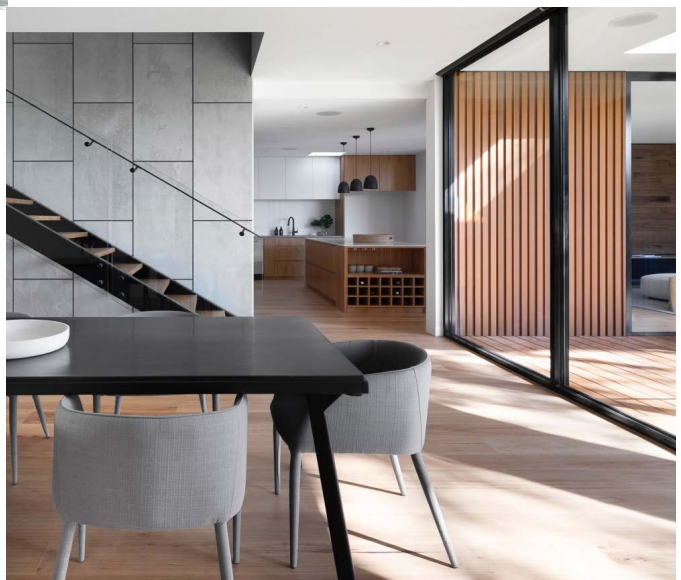
Beautiful and easy-to-choose solutions for architects and designers

Follow the example of western markets and choose the most advanced OXYGEN heat recovery units for your projects.

We provide assistance, advice and expert project evaluations. We share supporting CAD, 3D-model and specification files. After all, simplicity and elegance are key.

For everyone who breathes

OXYGEN solutions are both convenient and easy to understand when choosing, buying or using ventilation equipment. With OXYGEN, it's as easy as breathing.



Heat recovery unit, Easy		C180	C180E	C200	C200E	C250
Specific energy consumption (SEC), SEC class						
Cold climate	kWh/m ² .a	-83.5	-82.0	-81.6	-77.3	-84.5
Average climate	kWh/m ² .a	-43.3	-42.9	-42.0	-39.6	-41.6
Warm climate	kWh/m ² .a	-13.0	-17.9	-16.8	-15.4	-17.0
Thermal efficiency of heat recovery	%	93	87.9	90	80.8	80.3
Type of heat recovery system		Counter-flow	Enthalpy	Counter-flow	Enthalpy	Counter-flow
Maximum flow rate	m ³ /h	143	143	200	200	243
Suitable up to:	m ²	80	80	100	100	120
Electric power input of the fan drive, including	W	76	76	110	110	106
Sound power level (LWA)	dB	49	49	49	49	49
Reference flow rate	m ³ /s	0.028	0.028	0.039	0.039	0.047
Reference pressure difference	Pa	50	50	50	50	50
Specific power input (SPI)	W/(m ³ /h)	0.29	0.24	0.34	0.38	0.25
Control factor		0.65	0.65	0.65	0.65	0.65
Declared maximum leakage rate:						
Internal	%	1.4	1.4	1.4	1.4	1.4
External	%	2.5	2.5	2.5	2.5	2.5
The annual electricity consumption (AEC)	kWh/100m ² .a	373	172	223	245	130
The annual heating saved, (AHS)						
Cold climate	kWh/100m ² .a	9172	9096	9182	8809	8790
Average climate	kWh/100m ² .a	4689	4650	4693	4503	4490
Warm climate	kWh/100m ² .a	2120	2103	2122	2036	2030
Integrated adaptive pre-heater	W	800	800	800	800	800
Power supply		230V, 50Hz, 5A				
Dimensions	mm	1015 x 537 x 272				
Weight	kg	24	25	24	25	24
Color		Labanoras Moss				
Compliance and standards		2009/125/EB: ES 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010; 2010/30/ES: ES 1254/2014; 2011/65/ES: EN 50581(2012); 2014/35/ES: EN 60335-1:2012, EN 60335-1:2012/A11:2014.				

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OXY 3/24/EN