

# OXYGEN



Next generation ventilation units  
easy to install, easy to use

JUST LIKE BREATHING

  
MADE IN LITHUANIA

[oxygen.lt](http://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 CO<sub>2</sub>. 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.

## Smart control

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



# 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

## Iconic color

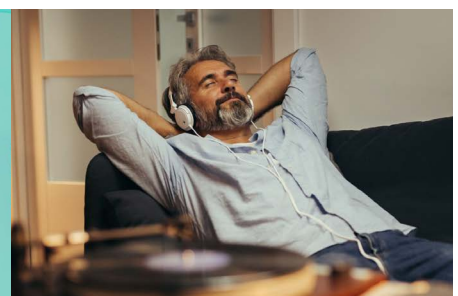
Oxygen Elemental is an iconic color that embodies the fundamental building block of life—oxygen element itself. With its vibrant turquoise hue, it highlights the natural and scientific connection to breathable air, merging the essence of nature with cutting-edge innovation.

## 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 C150

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 m<sup>2</sup>

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 C150 right
P000129	Easy C150 left
P000128	Easy C150 right with integrated CO2 sensor*
P000130	Easy C150 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 C150E

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++ 80 m<sup>2</sup>

93 % heat recovery

Easy to replace filters

Moisture recovery

Non-freezing

CO2 control \*

Bluetooth and Wifi

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German fans

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Easy panels



LCD SimpleTouch



OXYGEN easy app



OXYGEN easy cloud



History of use

### SKU

### Product

P000131	Easy C150E enthalpy right
P000133	Easy C150E enthalpy left
P000132	Easy C150E enthalpy right with integrated CO2 sensor*
P000134	Easy C150E 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 C150E

# OXYGEN

## Technical specification

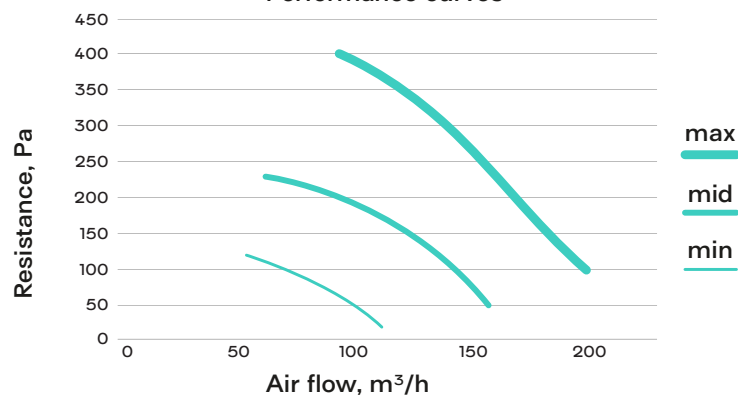
### Specific energy consumption (SEC), SEC class

Cold climate	kWh/m <sup>2</sup> .a	-82.0
Average climate	kWh/m <sup>2</sup> .a	-42.9
Warm climate	kWh/m <sup>2</sup> .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 <sup>3</sup> /h	143
Electric power input of the fan drive, including	W	76
Sound power level (LWA)	dB	49
Reference flow rate	m <sup>3</sup> /s	0.028
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /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 <sup>2</sup> .a	172
The annual heating saved (AHS)		
Cold climate	kWh/100m <sup>2</sup> .a	9096
Average climate	kWh/100m <sup>2</sup> .a	4650
Warm climate	kWh/100m <sup>2</sup> .a	2103
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 539 x 273
Weight	kg	25
Color		Oxygen Elemental

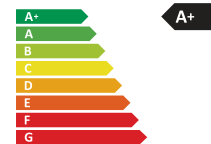
Compliance and standards

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 C150E



49 dB

14.3 m<sup>3</sup>/h

ENERGIA - ENERGIJA - ENERGIJA - ENERGIJA - ENERGIJA - ENERGIJA - ENERGIJA 2016 1254/2014

OXYGEN group, JSC

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

MADE IN LITHUANIA

oxygen.lt

# 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 m<sup>2</sup>

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 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 m<sup>2</sup>

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

# OXYGEN

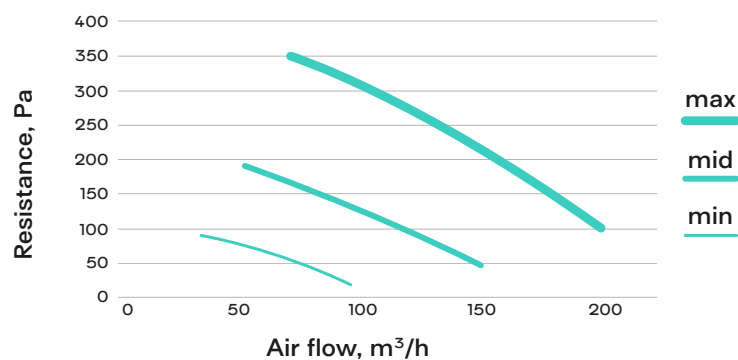
## Technical specification

### Specific energy consumption (SEC), SEC class

Cold climate	kWh/m <sup>2</sup> .a	-77.3
Average climate	kWh/m <sup>2</sup> .a	-39.6
Warm climate	kWh/m <sup>2</sup> .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 <sup>3</sup> /h	200
Electric power input of the fan drive, including	W	110
Sound power level (LWA)	dB	49
Reference flow rate	m <sup>3</sup> /s	0.039
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /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 <sup>2</sup> .a	245
The annual heating saved (AHS)		
Cold climate	kWh/100m <sup>2</sup> .a	8809
Average climate	kWh/100m <sup>2</sup> .a	4503
Warm climate	kWh/100m <sup>2</sup> .a	2036
Integrated adaptive pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	25
Color		Oxygen Elemental

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 C200E. The label shows an energy efficiency class of A, indicated by a black arrow pointing to the 'A' bar on the scale. The sound power level is 49 dB, and the maximum flow rate is 200 m³/h. The label also includes the EU flag and the text 'ENERGIA - ENERGIJA - ENERGIJA - ENERGIJA - ENERGIJA - ENERGIJA' and the year '2016'.

# 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 m<sup>2</sup>

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 C250E

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+ 120 m<sup>2</sup>

77.3 % 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

P000209	Easy C250E right
P000223	Easy C250E left
P000227	Easy C250E right with integrated CO2 sensor*
P000226	Easy C250E 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



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Integrated CO2





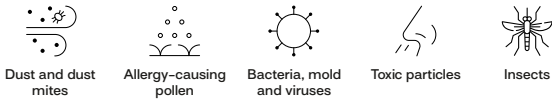
## Heat recovery unit = health

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.



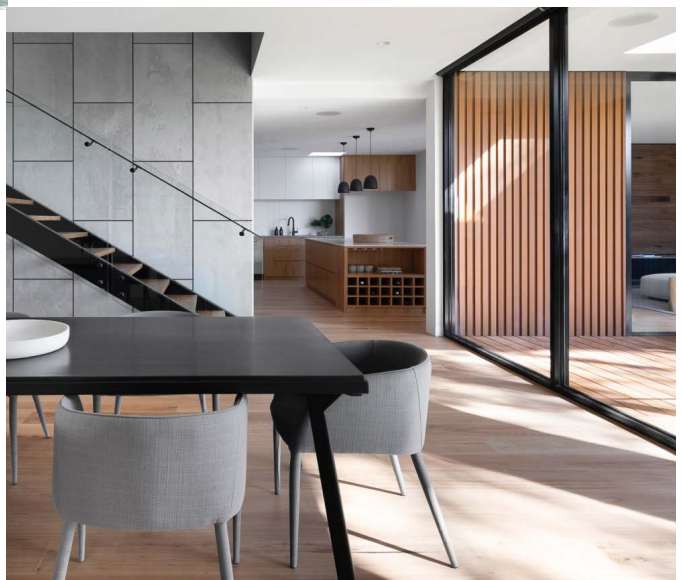
## Beautiful and easy-to-choose solutions for architects and designers

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.



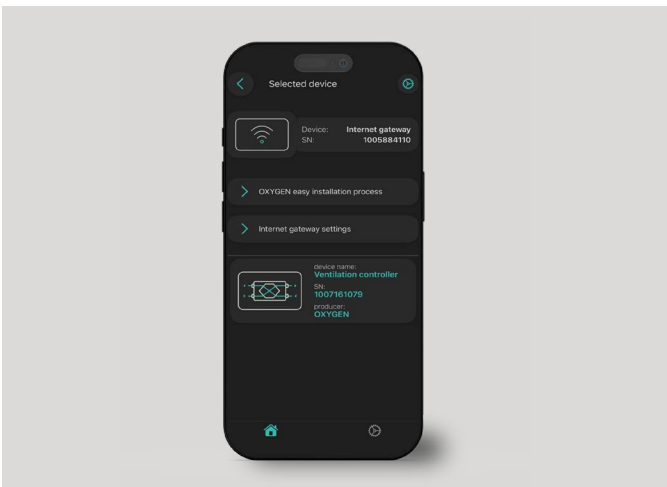
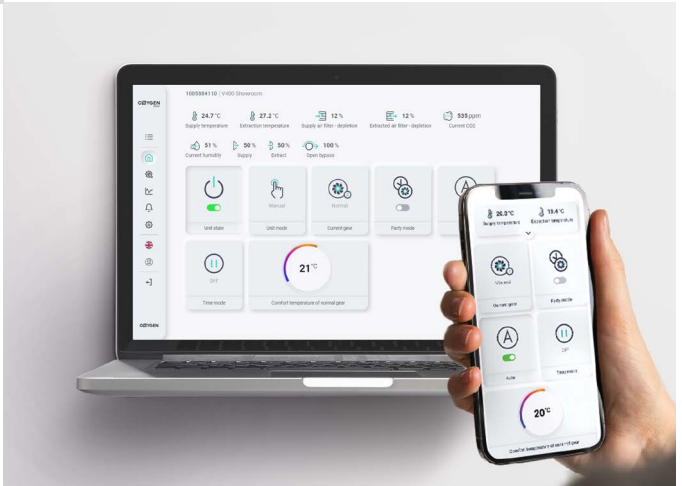


## Finally, beautiful panels

Elegant panels are equipped with both WiFi and Bluetooth. Along with the panels, customers gain access to the OXYGEN Easy App and the OXYGEN Easy Cloud platform, enabling control from anywhere in the world.

## Control from anywhere

The new OXYGEN Easy models can be conveniently controlled from anywhere in the world using the OXYGEN Easy App (available for iOS and Android) and the OXYGEN Easy Cloud platform.



## Balancing via Bluetooth

Installers can now effortlessly perform the startup and balancing of the ventilation unit via Bluetooth using the OXYGEN Installer App. This mobile application works without an internet connection, which is often unavailable at installation sites during ventilation system setup.

## Data Chart

Easily review the usage history of the unit with detailed information provided by 5 sensors.



## Heat recovery unit, Easy

## C150 C150E C200 C200E C250 C250E

Specific energy consumption (SEC), SEC class

	C150	C150E	C200	C200E	C250	C250E
Cold climate	-83.5	-82.0	-81.6	-77.3	-84.5	-75.2
Average climate	-43.3	-42.9	-42.0	-39.6	-41.6	-38.2
Warm climate	-13.0	-17.9	-16.8	-15.4	-17.0	-14.4
Thermal efficiency of heat recovery	93	87.9	90	80.8	80.3	77.3
Type of heat recovery system	Counter-flow	Enthalpy	Counter-flow	Enthalpy	Counter-flow	Enthalpy
Maximum flow rate	14.3	14.3	200	200	24.3	24.0
Suitable up to:	80	80	100	100	120	120
Electric power input of the fan drive, including	76	76	110	110	106	142.8
Sound power level (LWA)	49	49	49	49	49	48
Reference flow rate	0.028	0.028	0.039	0.039	0.047	0.046
Reference pressure difference	50	50	50	50	50	50
Specific power input (SPI)	0.29	0.24	0.34	0.38	0.25	0.42
Control factor	0.65	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	2.07
External	2.5	2.5	2.5	2.5	2.5	0.2
The annual electricity consumption (AEC)	373	172	223	245	130	267
The annual heating saved, (AHS)						
Cold climate	9172	9096	9182	8809	8790	8655
Average climate	4689	4650	4693	4503	4490	4424
Warm climate	2120	2103	2122	2036	2030	2001
Integrated adaptive pre-heater	800	800	800	800	800	800
Power supply	230V, 50Hz, 5A					
Dimensions	1015 x 537 x 272					
Weight	24	25	24	25	24	25
Color	Oxygen Elemental					

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/AT1:2014.

Users download  
**OXYGEN Easy app**



Installers download  
**OXYGEN Installer app**



The contents of this catalog are subjected to change without prior notice. Every possible effort has been made to ensure that the data herein is correct. However, OXYGEN group cannot assume any liability for any direct, in director consequential damages arising from the use of the information specified here.

OXY 1/25/EN