

OXYGEN



Next generation ventilation units
easy to install, easy to use

JUST LIKE BREATHING

www.oxygenvent.com

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.

X-Air Academy

Increase your knowledge and gain practical experience at the X-Air 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.



X-AIR V200

Smart Wall-mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.



92.8 % heat recovery

Suitable up to 100 m²

Easy to replace filters

Antifreeze protection

Easy to install

Cabinet compatible

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



Intelligence that helps you breathe easier

Forget complicated buttons – simply control your OXYGEN heat recovery unit with the smartphone app or a modern, color touchscreen LCD control panel.

1 unit = 1 tree



We plant a tree in the OXYGEN forest for every heat recovery unit purchased. We take care of the trees so they take care of fresh air for us.

X-AIR V200

Technical specification

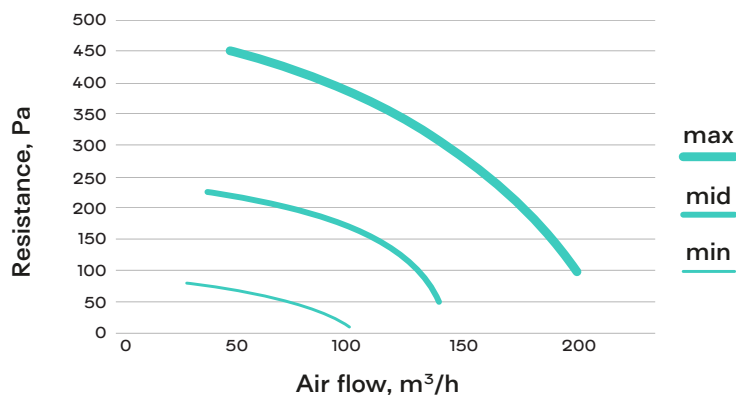
OXYGEN

Specific energy consumption (SEC), SEC class		A+
Cold climate	kWh/m ² .a	-87.7
Average climate	kWh/m ² .a	-42.3
Warm climate	kWh/m ² .a	-16.3
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	%	92.8
Maximum flow rate	m ³ /h	207
Electric power input of the fan drive, including	W	168
Sound power level (LWA)	dB	51
Reference flow rate	m ³ /s	0.040
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.39
Control factor		0.65
Control typology		Local demand control
The annual electricity consumption (AEC)	kWh/100m ² .a	254
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	9295
Average climate	kWh/100m ² .a	4751
Warm climate	kWh/100m ² .a	2149
Power supply		230V, 50Hz, 5A
Dimensions	mm	599 x 690 x 341
Weight	kg	27

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 X-Air V200



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2015 1254/2014

X-AIR V200E

Smart Wall-mounted Heat Recovery Unit **With Enthapy**

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

86.6 % heat recovery

Suitable up to 100 m²

Easy to replace filters

Easy to install

Moisture recovery



Cabinet compatible

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Retains humidity



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



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X-AIR V400

Smart Wall-mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

86.2 % heat recovery

Suitable up to 200 m²

Easy to replace filters

Easy to install

ByPass



Cabinet compatible

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



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X-AIR V400

Technical specification

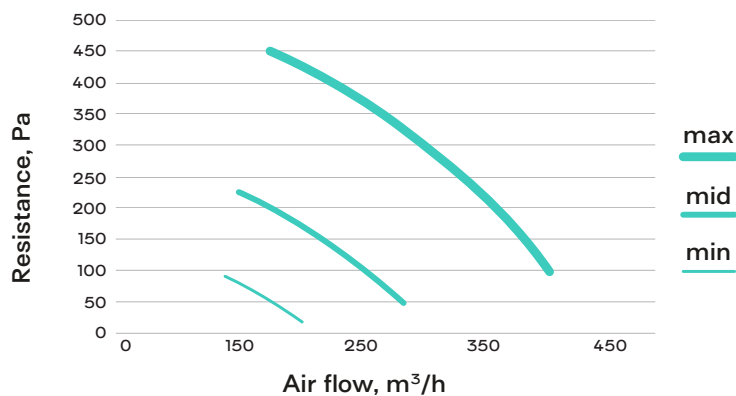
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Specific energy consumption (SEC), SEC class		A
Cold climate	kWh/m ² .a	-78.6
Average climate	kWh/m ² .a	-41.3
Warm climate	kWh/m ² .a	-17.3
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	86.2
Maximum flow rate	m ³ /h	400
Electric power input of the fan drive, including	W	167
Sound power level (LWA)	dB	51
Reference flow rate	m ³ /s	0.078
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.22
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.18
External	%	1.14
The annual electricity consumption (AEC)	kWh/m ² .a	1.2
The annual heating saved (AHS)		
Cold climate	kWh/m ² .a	90.3
Average climate	kWh/m ² .a	46.1
Warm climate	kWh/m ² .a	20.9
Power supply		230V, 50Hz, 5A
Dimensions	mm	750 x 677 x 492
Weight	kg	32

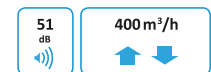
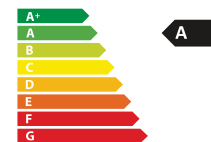
Compliance and standards

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 X-Air V400



ENERGY LABEL EN 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.

X-AIR V400E

Smart Wall-mounted Heat Recovery Unit **With Enthapy**

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

80.5 % heat recovery

Suitable up to 200 m²

Easy to replace filters

Easy to install

ByPass



Moisture recovery

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Retains humidity



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



Intelligence that helps you breathe easier

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1 unit = 1 tree



We plant a tree in the OXYGEN forest for every heat recovery unit purchased. We take care of the trees so they take care of fresh air for us.

X-AIR V400E

Technical specification

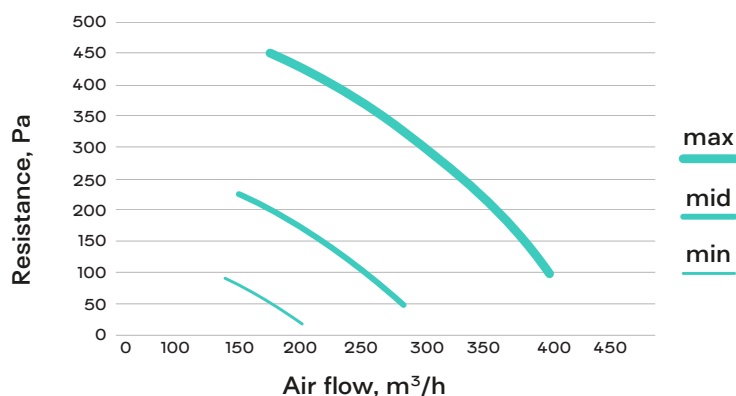
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Specific energy consumption (SEC), SEC class		A
Cold climate	kWh/m ² .a	-84.1
Average climate	kWh/m ² .a	-41.1
Warm climate	kWh/m ² .a	-16.4
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	80.5
Maximum flow rate	m ³ /h	400
Electric power input of the fan drive, including	W	167
Sound power level (LWA)	dB	51
Reference flow rate	m ³ /s	0.078
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	%	0.8
External	%	1.3
The annual electricity consumption (AEC)	kWh/100m ² .a	201
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	8798
Average climate	kWh/100m ² .a	4498
Warm climate	kWh/100m ² .a	2034
Power supply		230V, 50Hz, 5A
Dimensions	mm	750 x 677 x 492
Weight	kg	32

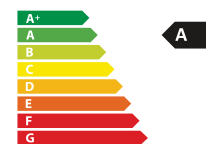
Compliance and standards

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 X-Air V400E



ENERGY LABEL EN 1253/2014, ES 1254/2014, ES 2017/1369, EN 13141-7:2010

X-AIR V500

Smart Wall-mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

85.6 % heat recovery

Suitable up to 250 m²

Easy to replace filters

Easy to install

ByPass



Cabinet compatible

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



Intelligence that helps you breathe easier

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1 unit = 1 tree



We plant a tree in the OXYGEN forest for every heat recovery unit purchased. We take care of the trees so they take care of fresh air for us.

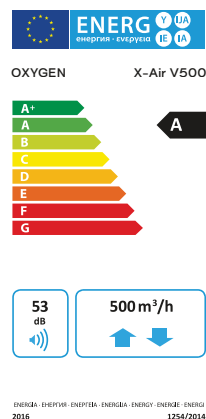
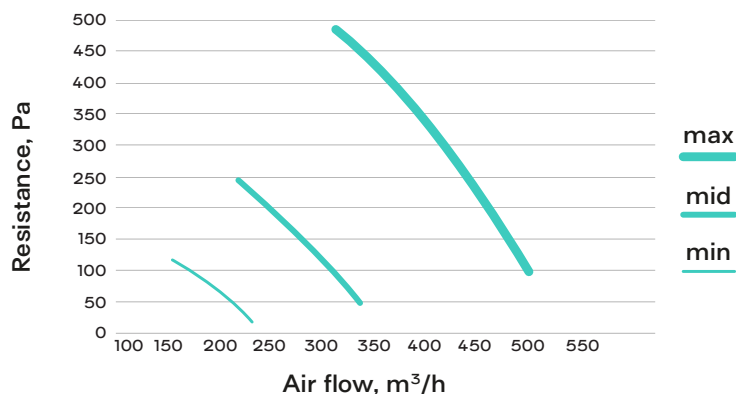
X-AIR V500

Technical specification

Specific energy consumption (SEC), SEC class		A
Cold climate	kWh/m ² .a	-77.0
Average climate	kWh/m ² .a	-40.0
Warm climate	kWh/m ² .a	-16.1
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	%	85.6
Maximum flow rate	m ³ /h	500
Electric power input of the fan drive, including	W	252
Sound power level (LWA)	dB	53
Reference flow rate	m ³ /s	0.097
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.30
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	1.18
External	%	1.14
The annual electricity consumption (AEC)	kWh/m ² .a	1.6
The annual heating saved (AHS)		
Cold climate	kWh/m ² .a	90.0
Average climate	kWh/m ² .a	46.0
Warm climate	kWh/m ² .a	20.8
Power supply		230V, 50Hz, 5A
Dimensions	mm	750 x 677 x 492
Weight	kg	32
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



X-AIR V500E

Smart Wall-mounted Heat Recovery Unit **With Enthapy**

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

Suitable up to 250 m²

Easy to replace filters

ByPass sklenðe

Energy efficient

Easy to install



Moisture recovery

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

Energy recovered by

core



Compact design



Easy to install



Smart management



Retains humidity



Comfort & Well-being



Energy efficient



EcoDesign compliant



Best quality



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1 unit = 1 tree



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X-AIR V500E

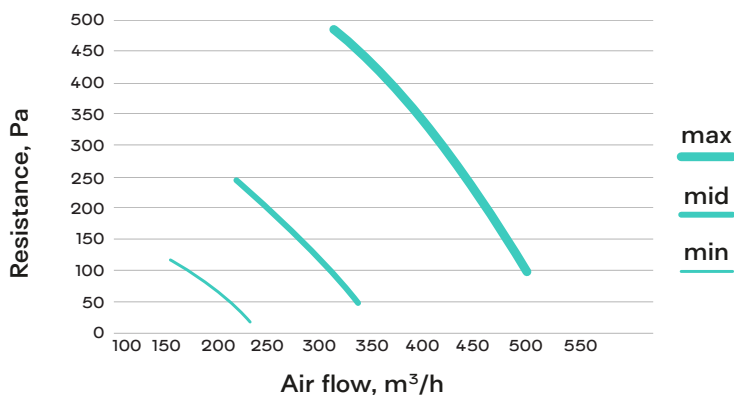
Technical specification

OXYGEN

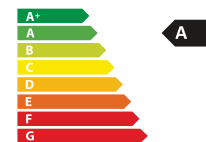
Specific energy consumption (SEC), SEC class		A
Cold climate	kWh/m ² .a	-82.8
Average climate	kWh/m ² .a	-40.0
Warm climate	kWh/m ² .a	-15.5
Declared typology		Bi-directional, residential ventilation
Type of drive installed or intended to be		Variable speed drive
Type of heat recovery system		Recuperative
Thermal efficiency of heat recovery	%	79.4
Maximum flow rate	m ³ /h	500
Electric power input of the fan drive, including	W	252
Sound power level (LWA)	dB	53
Reference flow rate	m ³ /s	0.097
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /h)	0.35
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	0.7
External	%	1.0
The annual electricity consumption (AEC)	kWh/100m ² .a	233
The annual heating saved (AHS)		
Cold climate	kWh/100m ² .a	8751
Average climate	kWh/100m ² .a	4473
Warm climate	kWh/100m ² .a	2023
Power supply		230V, 50Hz, 5A
Dimensions	mm	750 x 677 x 492
Weight	kg	32
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 X-Air V500E



53 dB

500 m³/h

ENERGY LABEL EN1253-1:2014 EN1253-2:2014 EN1253-3:2014 EN1253-4:2014 EN1253-5:2014 EN1253-6:2014 EN1253-7:2014 EN1253-8:2014 EN1253-9:2014 EN1253-10:2014 EN1253-11:2014 EN1253-12:2014 EN1253-13:2014 EN1253-14:2014 EN1253-15:2014 EN1253-16:2014 EN1253-17:2014 EN1253-18:2014 EN1253-19:2014 EN1253-20:2014 EN1253-21:2014 EN1253-22:2014 EN1253-23:2014 EN1253-24:2014 EN1253-25:2014 EN1253-26:2014 EN1253-27:2014 EN1253-28:2014 EN1253-29:2014 EN1253-30:2014 EN1253-31:2014 EN1253-32:2014 EN1253-33:2014 EN1253-34:2014 EN1253-35:2014 EN1253-36:2014 EN1253-37:2014 EN1253-38:2014 EN1253-39:2014 EN1253-40:2014 EN1253-41:2014 EN1253-42:2014 EN1253-43:2014 EN1253-44:2014 EN1253-45:2014 EN1253-46:2014 EN1253-47:2014 EN1253-48:2014 EN1253-49:2014 EN1253-50:2014 EN1253-51:2014 EN1253-52:2014 EN1253-53:2014 EN1253-54:2014 EN1253-55:2014 EN1253-56:2014 EN1253-57:2014 EN1253-58:2014 EN1253-59:2014 EN1253-60:2014 EN1253-61:2014 EN1253-62:2014 EN1253-63:2014 EN1253-64:2014 EN1253-65:2014 EN1253-66:2014 EN1253-67:2014 EN1253-68:2014 EN1253-69:2014 EN1253-70:2014 EN1253-71:2014 EN1253-72:2014 EN1253-73:2014 EN1253-74:2014 EN1253-75:2014 EN1253-76:2014 EN1253-77:2014 EN1253-78:2014 EN1253-79:2014 EN1253-80:2014 EN1253-81:2014 EN1253-82:2014 EN1253-83:2014 EN1253-84:2014 EN1253-85:2014 EN1253-86:2014 EN1253-87:2014 EN1253-88:2014 EN1253-89:2014 EN1253-90:2014 EN1253-91:2014 EN1253-92:2014 EN1253-93:2014 EN1253-94:2014 EN1253-95:2014 EN1253-96:2014 EN1253-97:2014 EN1253-98:2014 EN1253-99:2014 EN1253-100:2014

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

MADE IN LITHUANIA

info@oxygenvent.com
www.oxygenvent.com

X-AIR V600

Smart Wall-mounted Heat Recovery Unit

OXYGEN

Just like breathing

Next generation ventilation units easy to install, easy to use.

84.6 % heat recovery

Suitable up to 300 m²

Easy to replace filters

Easy to install

ByPass



Cabinet compatible

Lightweight & robust

Boost, fire alarm, away

Integrated adaptive pre-heater

Unique energy-saving algorithm

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Compact design



Easy to install



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Energy efficient



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Best quality



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1 unit = 1 tree



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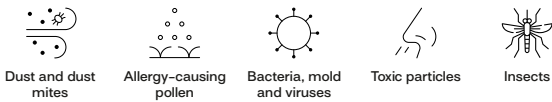
Heat recovery unit = health

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 can cure 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:

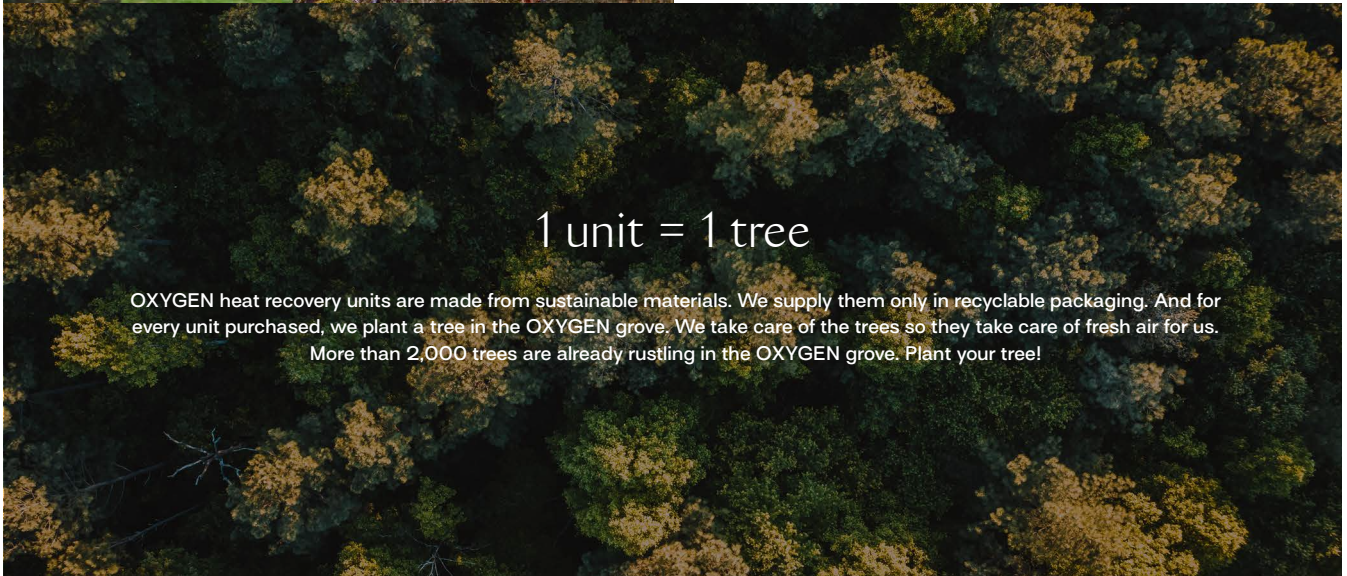


Sustainability

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.

1 unit = 1 tree

OXYGEN heat recovery units are made from sustainable materials. We supply them only in recyclable packaging. And for every unit purchased, we plant a tree in the OXYGEN grove. We take care of the trees so they take care of fresh air for us. More than 2,000 trees are already rustling in the OXYGEN grove. Plant your tree!





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 X-Air 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.

