

# X-AIR C250

Smart Ceiling Mounted Heat Recovery Unit

# OXYGEN

## Just like breathing

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



Compact design - only 27.2 cm

Integrated adaptive pre-heater

80.3 % heat recovery

Suitable up to 120 m<sup>2</sup>

Easy to replace filters

Easy to install

Antifreeze protection

Lightweight & robust

Boost, fire alarm, away

Unique energy-saving algorithm

Energy recovered by



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 C250

## Technical specification

# OXYGEN

Specific energy consumption (SEC), SEC class		A
Cold climate	kWh/m <sup>2</sup> .a	-84.5
Average climate	kWh/m <sup>2</sup> .a	-41.6
Warm climate	kWh/m <sup>2</sup> .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 <sup>3</sup> /h	243
Electric power input of the fan drive, including	W	106
Sound power level (LWA)	dB	49
Reference flow rate	m <sup>3</sup> /s	0.047
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.25
Control factor		0.65
Control typology		Local demand control
Declared maximum leakage rate:		
Internal	%	2.2
External	%	1.2
The annual electricity consumption (AEC)	kWh/m <sup>2</sup> .a	1.3
The annual heating saved (AHS)		
Cold climate	kWh/m <sup>2</sup> .a	87.9
Average climate	kWh/m <sup>2</sup> .a	44.9
Warm climate	kWh/m <sup>2</sup> .a	20.3
Integrated pre-heater	W	800
Power supply		230V, 50Hz, 5A
Dimensions	mm	1015 x 537 x 272
Weight	kg	25

### 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.

