

ORCA[®]

LOCAL VENTILATION SYSTEMS

Product Overview



**Decades of ventilation.
Decades of comfort.**



Health *or* comfort?

Both!

Local ventiation systems Orca with heat recuperation are suitable for new houses and renovations. This simple and effective solution to bring freshness to your home, without losing heat in the winter.



Supplies clean fresh air to the premises



Removes stale air from the premises



Prevents excessive humidity and mold appearance



Reduces heating costs in winter and air conditioning costs in summer



Quiet operation



Cleans the air of dust and insects



Low energy demand



More silent than whispering

CLEAN AND FRESH AIR

Ventilation system with heat recovery delivers clean air and removes polluted air from our premises.

HIGHLY EFFECTIVE

Efficiency of heat recovery with ventilation devices is very high, up to 92 %.

EASY AND COMFORTABLE

Ventilation systems have a compact size and do not require separate connecting elements or air lines. They are ready for immediate use.

EFFECTIVE PROTECTION AGAINST VIRUSES!

Local ventilation systems Orca offers additional built in of F8 filter with filtration especially against the smallest aerosolized particles.

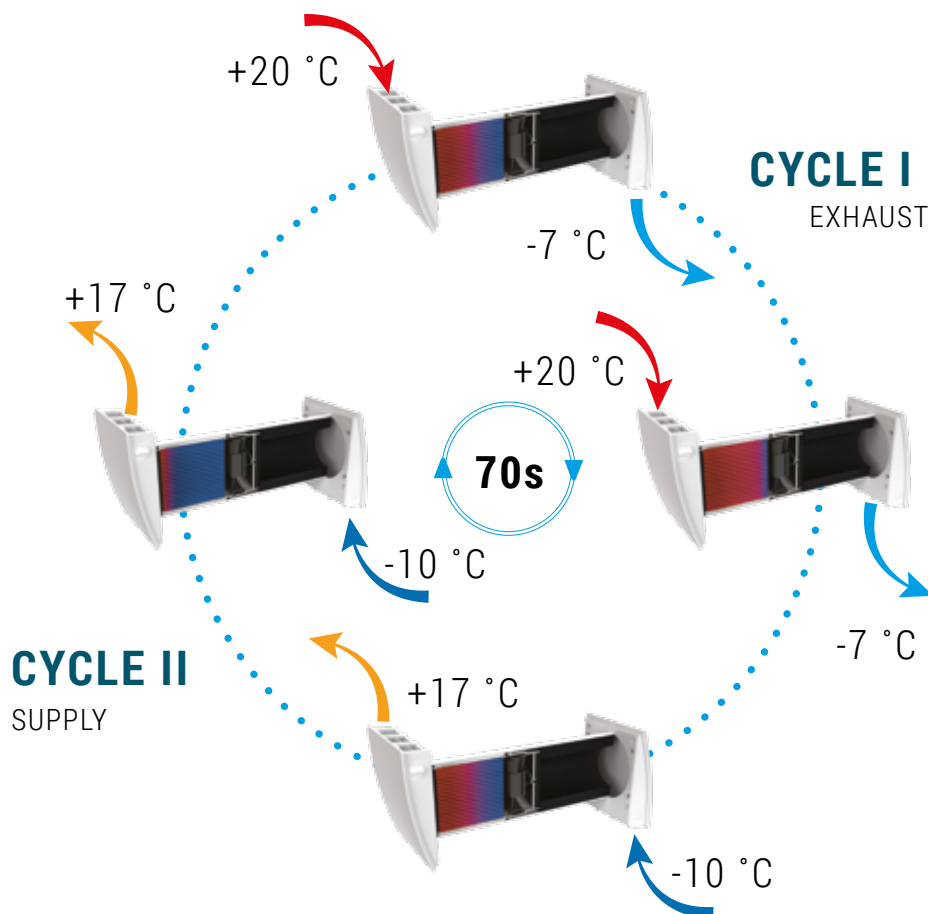
EFFECTIVE VENTILATION OF WHOLE HOME OR OFFICE

Ventilation mode.

The ventilator runs in the air extract or air supply mode with a set speed. In case of synchronous operation of two connected ventilators one unit operates in the supply mode and the other one in the extract mode.

Recuperation mode.

The ventilator runs in two cycles, 70 seconds each, to provide heat and moisture regeneration.





LOCAL ENERGY-SAVING VENTILATION

ORCA FLEXI 50



Regulate your local ventilation system from anywhere, anytime, with flexible ventilation.



FUNCTIONAL

Many ventilation units can be connected to one main ventilation unit and its controller.

EFFICIENT

High heat recovery efficiency of up to 90% is achieved due to the use of a cellular recuperator.

USER FRIENDLY

The design of the unit provides easy maintenance and installation.



Connection of an external CO₂ sensor or other external relay sensors.



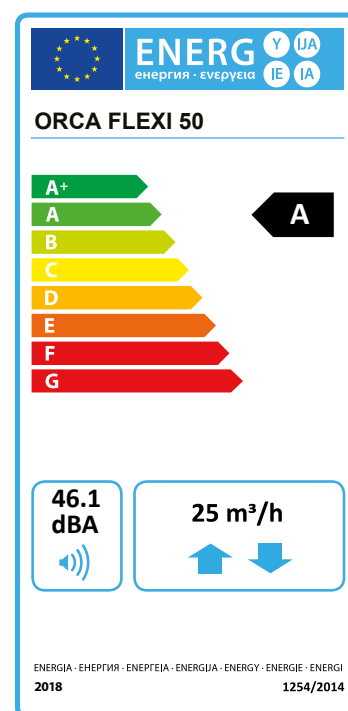
Noise-insulating material provides noise absorption during the operation of the ventilator.



Ventilation or recuperation mode.



The built-in humidity sensor allows you to adjust the operation according to the current humidity.



FLEXIBLE OPERATING

Orca Flexi 50 is new local ventilation system, designed specially for users that are often away. It offers regulation through indoor panel buttons, through remote controller or via application on smart devices. This gives you the possibility to operate your ventilation system from anywhere, anytime.



LOCAL ENERGY-SAVING VENTILATION

ORCA FLEXI 50

AIR DUCT

Made from PVC plastic offers easy installation and simple use of ventilation system.

SOUND- ABSORBING ROLL

Serves for sound absorption of outdoor noise.

AIR FILTERS F3

Two built-in filters with filter class G3 are used to clean supply and extract air flows. The filters ensure fresh air without dust and insects and prevent the ventilator parts from soiling. The filters have antibacterial treatment.

OUTDOOR GRILLE

Made from PVC plastic, with weatherproof coating, additional sound insulation and condensate drain plate.

INDOOR UNIT

With decorative panel and possibility for unit controll via buttons.

FILTER F8

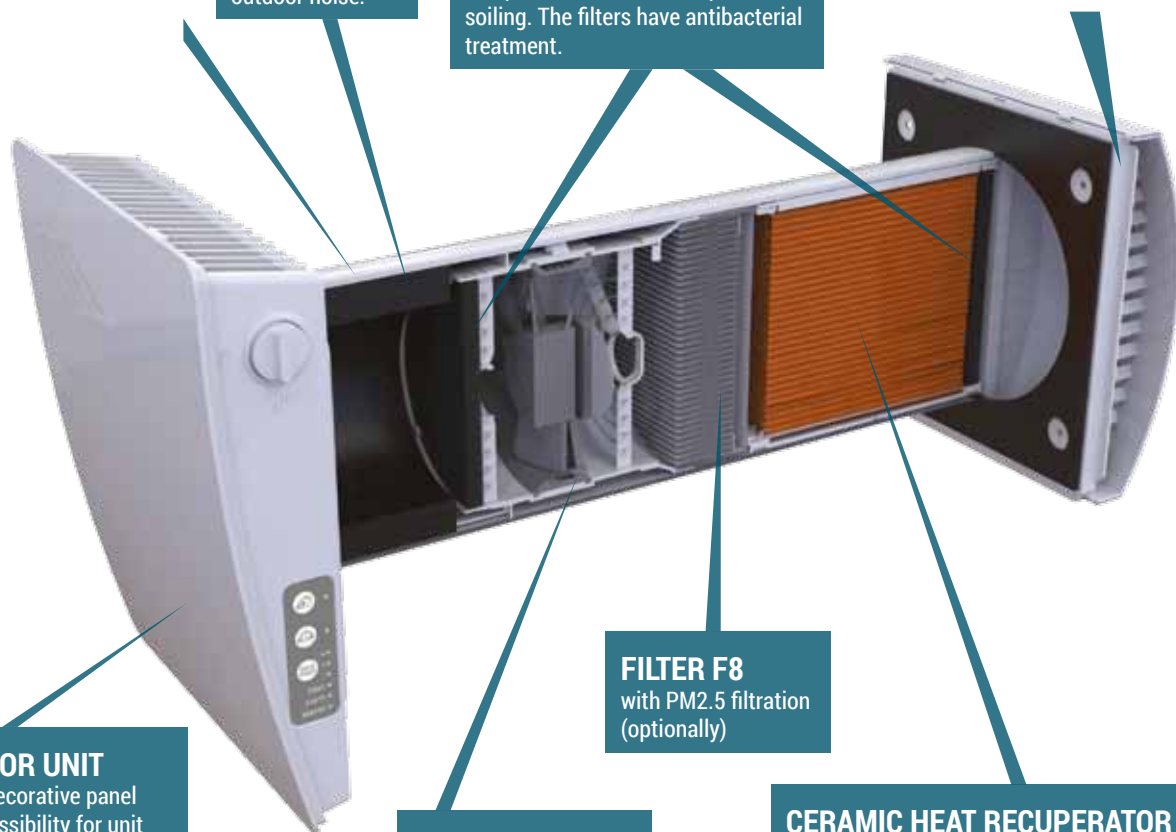
with PM2.5 filtration (optionally)

VENTILATION UNIT

For efficient air flow.

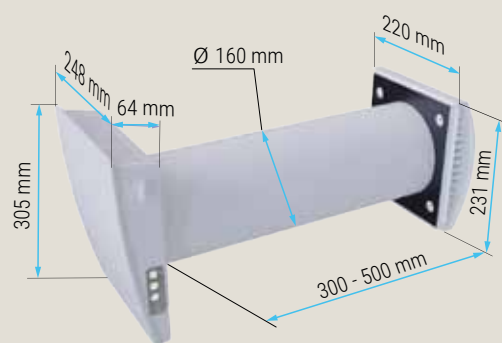
CERAMIC HEAT RECUPERATOR

Transfers the heat from warm polluted air to fresh cold air. With heat recovery efficiency up to 92%.



FLEXI 50

Ventilation speed	1	2	3
Power supply (voltage/frequency)	230 V/50 Hz		
Consumption	2 W	3,5 W	5,5 W
Maximum current	0.03 A	0.03 A	0.06 A
Air flow in ventilation mode	15 m³/h (4 l/s)	35 m³/h (10 l/s)	50 m³/h (14 l/s)
Air flow in energy recovery mode	8 m³/h (2 l/s)	18 m³/h (5 l/s)	25 m³/h (7 l/s)
Sound pressure level at 3 m distance	17 dB(A)	19 dB(A)	26 dB(A)
Heat recovery efficiency	≤90%		
Classification according to EN 13141-8	D1		
Degree of filtration from particles PM2.5 with F8 filter (optional)	99%		
Air flow with F8 filter applied (optional)	40 m³/h		





LOCAL ENERGY-SAVING VENTILATION

ORCA PICO 50+

Local ventilation system Orca Pico 50+ assures easy, efficient and energy saving ventilation for apartments, houses or any premisses.

CERAMIC HEAT RECUPERATOR

Transfers the heat from warm polluted air to fresh cold air. With heat recovery efficiency up to 90%.

AIR DUCT

Made from PVC plastic offers easy installation and simple use of ventilation system.

AIR FILTERS F3

Two built-in filters with filter class G3 are used to clean supply and extract air flows. The filters ensure fresh air without dust and insects and prevent the ventilator parts from soiling. The filters have antibacterial treatment.

EASY TO MAINTAIN

Recuperators Pico 50+ comes with internal grill, which has a front board that is easy to remove for accessing the recuperator and filters. You do not need any special tools to clean the interior.

SOUND-ABSORBING ROLL

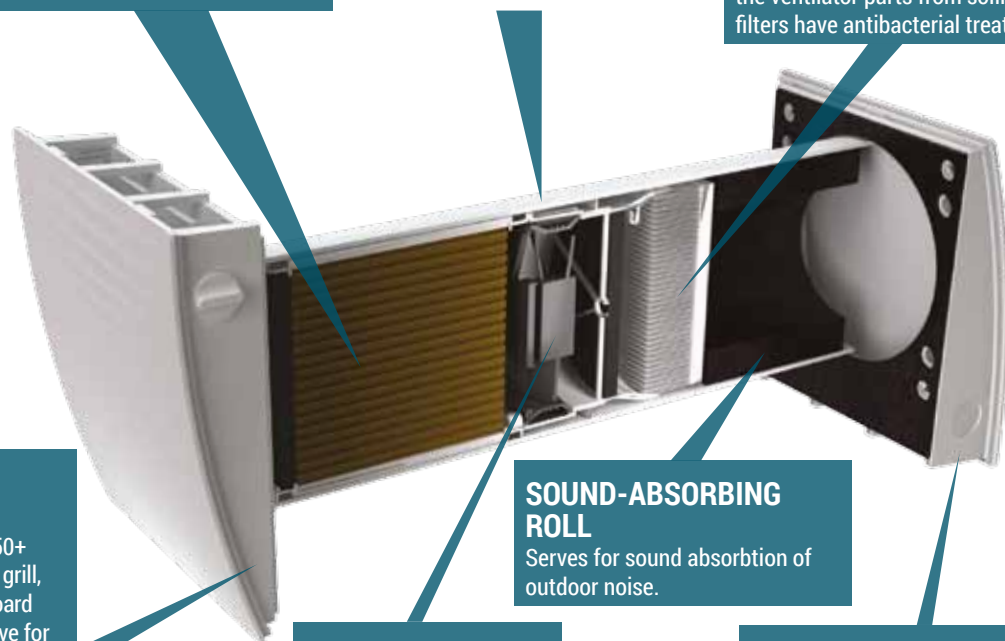
Serves for sound absorption of outdoor noise.

REVERSIBLE DC FAN

Air is supplied or extracted by a reversible axial fan with a DC motor.

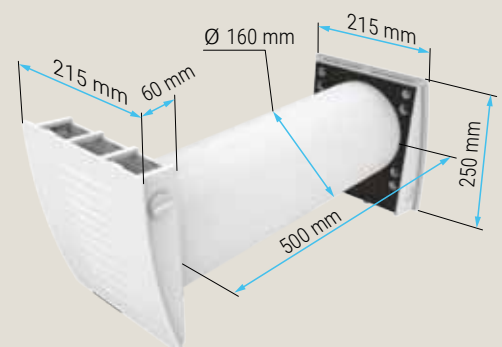
EXTERNAL GRILL

Prevents ingress of water and foreign objects into the ventilator. Isolation layer additionally lowers the noise from outside.



PICO 50+

Ventilation speed	1	2	3
Power supply (voltage/frequency)	230 V/50 Hz		
Consumption	1 W	2,1 W	4,3 W
Maximum current	0.024 A	0.026 A	0.039 A
Air flow in ventilation mode	15 m³/h (4 l/s)	30 m³/h (8 l/s)	50 m³/h (14 l/s)
Air flow in energy recovery mode	8 m³/h (2 l/s)	15 m³/h (4 l/s)	25 m³/h (7 l/s)
Sound pressure level at 3 m distance	19 dB(A)	22 dB(A)	29 dB(A)
Heat recovery efficiency	≤92%		
Degree of filtration from particles PM2.5 with F8 filter (optional)	99%		
Air flow with F8 filter applied (optional)	40 m³/h		



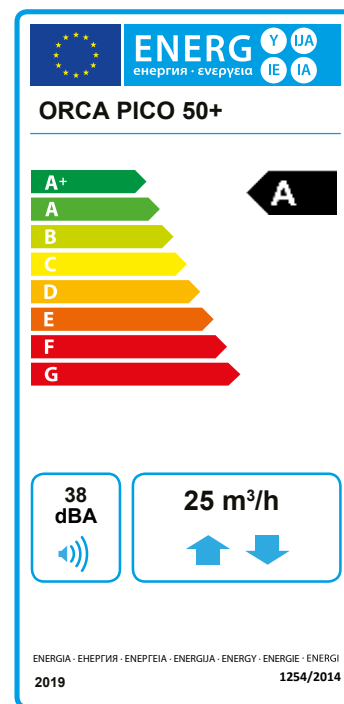


LOCAL ENERGY-SAVING VENTILATION

ORCA PICO 50+

CONTROLLING

Model Orca Pico 50+ is supplied with a remote control and wall controller which enables easy controlling of the device. One controller can offers connection and regulation of two local ventilation systems, one is primary and the second receives the settings through first one.



ACCESORIES

ADDITIONAL FILTER F8 FOR ALERGICS (OPTIONAL)

For healthier living without allergies. Filter F8 is suitable for both local ventilation systems. Its property is the filtration of particles up to PM2.5. Which means effective protection against viruses transmitted by aerosols.
Product number: 12017



Note: Additionally built in filter F8 reduces maximal air flow to 40 m³.

ANGULAR MOUNTING KIT (OPTIONAL)

For house without external grills. Suitable for both local ventilation systems.
Product number: 11931



PRODUCT No.		ACCESSORIES	PICO 50+	FLEXI 50
12408		White external plastic grille: - in the basic Orca Flexi 50 kit, - available as accessory for Orca Pico 50+.	●	●
12028		White external plastic grille: - in the basic Orca Pico 50+ kit, - available as accessory for Orca Flexi 50.	●	●
9802		White metal external grille	●	●
9798		Stainless steel external grille	●	●
11931		Angular mounting kit Can be used with both systems.	●	●
12069		Air duct for ventilation system installation, length 700 mm.	●	●
12306		Air duct for ventilation system installation, length 500 mm (included in basic kit).	●	●
12056		CO₂ sensor		●
12570		F8 filter for PM2.5 filtration - optionally (not included in basic kit) Reduces air flow to max 40 m³.	●	●
PRODUCT No.		SPARE PARTS	PICO 50+	FLEXI 50
12044		Filter G3 two pieces in the package. Included in basic kit.	●	●
12275		Remote control	●	●
12143		Wall controller	●	

Your seller