Galmet
creating smart solutions

CLEAN AIR AND A MORE HEALTHY CLIMATE

ZEPHYR 400GT & 600GT

THE LATEST GENERATION
OF HEAT RECOVERY VENTILATION UNITS

FOR NEW AND MODERNIZED BUILDINGS
WITH THE POSSIBILITY OF INSTALLATION
IN UNHEATED ROOMS

Made in Poland

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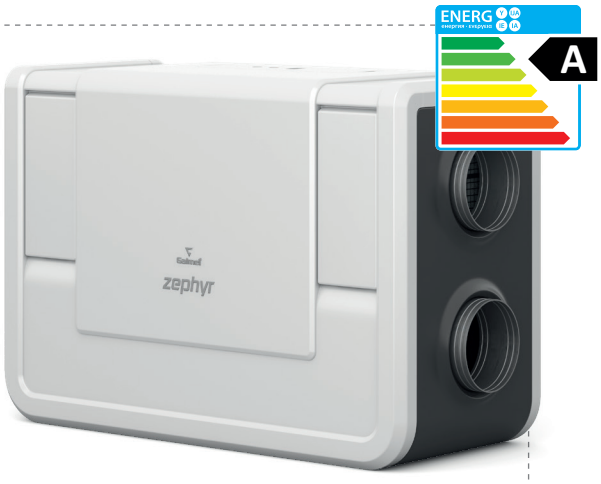
The latest generation of heat recovery ventilation units for new and modernized buildings with the possibility of installation in unheated rooms

ZEPHYR 400GT & 600GT

Newest technology and maximum performance

- The highest efficiency class - heat recovery of up to 95%.
- MaxiWarm housing technology.
- Efficient air exchange - energy-saving EC fans with high static pressure.
- Automatic heat exchanger antifreeze system.
- Built-in, filtered 100% by-pass of supply air controlled by a damper.
- Innovative reusable filter cassettes
  - economical filtration system with replaceable cartridges.
- InstalSilent - silent operation of the internal module
  - fans from the air intake and exhaust side.
- Efficiency of 480 m^3/h - Zephyr 400 (100 Pa).
- Supply and exhaust air stream stabilization system.

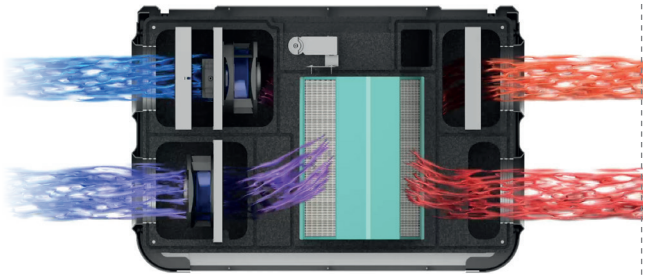


Proven MaxiWarm design

- High tightness.
- Uniform wall thickness.
- No thermal bridges.
- Reduction of heat loss.
- Excellent sound and heat insulation.

High heat recovery

- Cross-counter flow heat exchangers.
- High exchanger efficiency.
- Large heat exchange surface.
- No mixing of air streams.
- Corrosion resistance.
- High resistance to mechanical damage and deformation.



Easy and convenient installation

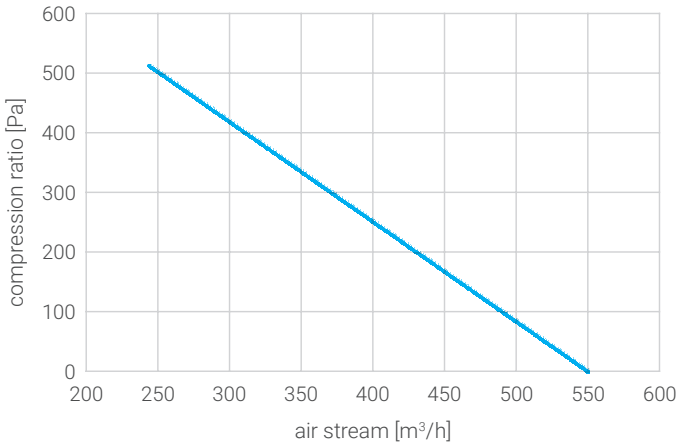
The use of the MaxiWarm housing technology and two condensation trays make the installation of the Zephyr heat recovery ventilation unit intuitive, simple and quick. Each device can be mounted in virtually any mounting position. Vertically or horizontally, on the wall, or directly under the ceiling or on the floor (left and right version in one device). Zephyr guarantees the highest comfort of use with easy installation.

Clean air in the highest efficiency class

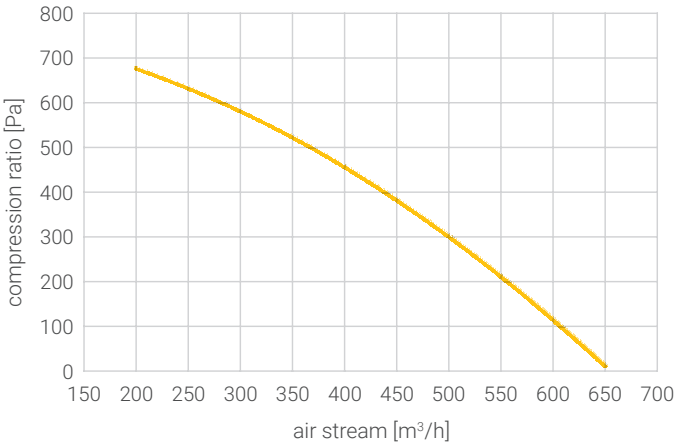
The Zephyr heat recovery ventilation units has been designed to be as intuitive to control as possible and is perfectly suited to the requirements of its users. For one, you can setup a user-defined weekly schedule with an indication of working hours. However, it is also possible to select a fully automatic mode when CO2 and humidity sensors (sold separately) are installed. In this mode, the unit automatically ensures clean and fresh air in the house throughout the day based on the readings from the sensors. The use of this mode is highly recommended, as it's the most economical option, takes full advantage of the Zephyr heat recovery ventilation unit and achieves the highest efficiency class A+.

Complete online control

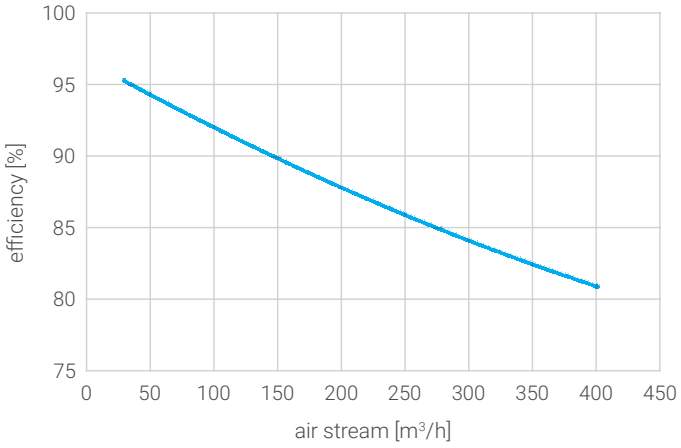
- Large, 5-inch color touch panel.
- Work programming based on a weekly schedule or according to individual needs - CO_2 sensor, humidity sensor.
- Complete online control via app and web browser - Wi-Fi module in standard.
- Cooperation with heat pumps, humidity and CO_2 sensors, heating and cooling modules.
- Sinum smart home system.



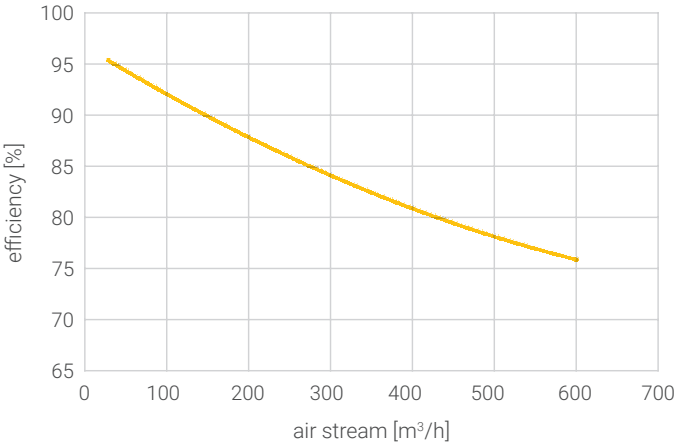
Efficiency of the Zephyr 400GT heat recovery ventilation unit



Efficiency of the Zephyr 600GT heat recovery ventilation unit



Heat recovery efficiency of the Zephyr 400GT heat recovery ventilation unit



Heat recovery efficiency of the Zephyr 600GT heat recovery ventilation unit

Technical specification of the Zephyr heat recovery ventilation units

specification		unit	Zephyr 400GT	Zephyr 600GT
catalogue number		-	12-000003	12-000004
efficiency (at 100 Pa)		m^3/h	480	600
maximum efficiency (at 0 Pa)		m^3/h	550	650
ErP energy efficiency class	work in schedule mode	-	A	A
	work in automatic mode [1]	-	A+	A+
acoustic power level		dB	62	63
voltage and frequency		-	230V AC / 50 Hz	230V AC / 50 Hz
fan (power)		W	90	170
fan (type)		-	EC	
efficiency of heat recovery		%	85	
maximum efficiency of heat recovery		%	95,3	
unit dimensions (height x width x depth)		mm	810 x 1200 x 520	
weight		kg	43	
diameter of the connection pipes		mm	200	
condensate drain		-	DN 32	
heat recovery ventilation units casing material / thickness		- / mm	EPP / 40	
anti-freeze system		-	PTC modulated pre-heater	
exchanger type		-	cross-countercurrent (heat recovery)	
exchanger material		-	polystyrene	
air temperature		°C	-20°C ÷ +50°C	
type of filters		-	starting	
supply air filter		-	G4 ISO Coarse ≥ 65%	
exhaust air filter		-	G4 ISO Coarse ≥ 65%	
by-pass		-	100%, automatic	
air stream stabilization system		-	seamless balancing of supply and exhaust air streams	
location of the fans		-	from the intake and exhaust side	

[1] With CO_2 and humidity sensors - local control according to demand.

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Distributor

* Details in the warranty card and on our website: www.galmet.com.pl/pl/pliki-do-pobrania

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- The highest efficiency class - heat recovery of up to 95%.
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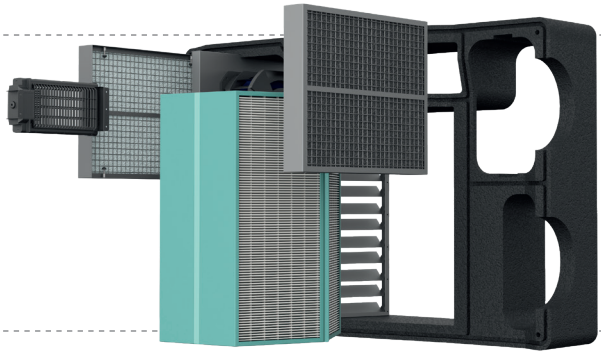
- Efficient air exchange - energy-saving EC fans with high static pressure.
- Automatic heat exchanger antifreeze system.
- Built-in, filtered 100% by-pass of supply air controlled by a damper.
- Innovative reusable filter cassettes
  - economical filtration system with replaceable cartridges.
- InstalSilent - silent operation of the internal module
  - fans from the air intake and exhaust side.
- Efficiency of 470 m^3/h - Basic 400 (100 Pa).

Proven MaxiWarm design

- High tightness.
- Uniform wall thickness.
- No thermal bridges.
- Reduction of heat loss.
- Excellent sound and heat insulation.



High heat recovery

- Cross-counter flow heat exchangers.
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- No mixing of air streams.
- Corrosion resistance.
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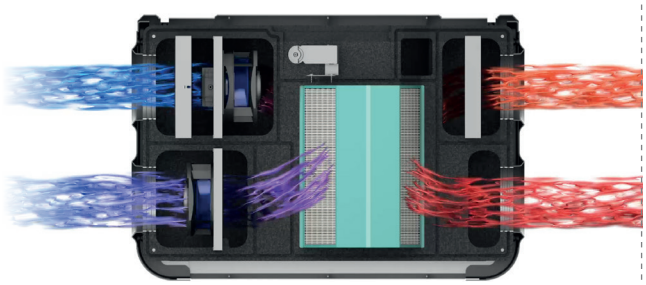
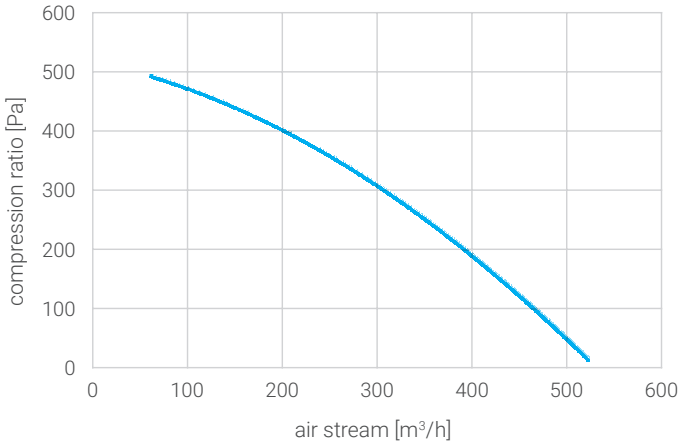


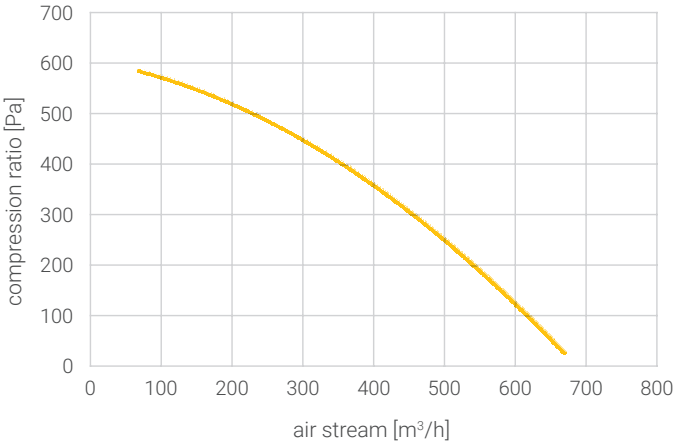
Easy and convenient installation

The use of the MaxiWarm housing technology and two condensation trays make the installation of the Basic heat recovery ventilation unit intuitive, simple and quick. Each device can be mounted in virtually any mounting position. Vertically or horizontally, on the wall, or directly under the ceiling or on the floor (left and right version in one device). Basic guarantees the highest comfort of use with easy installation.

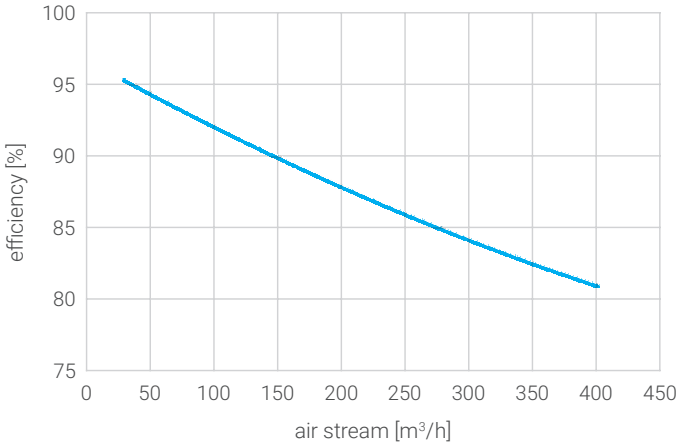
Efficiency



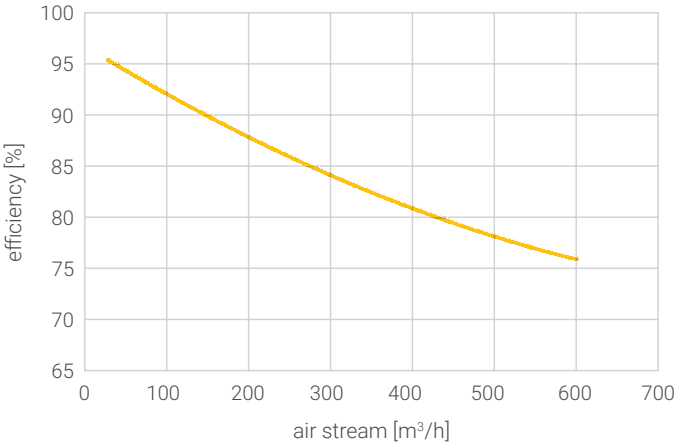
Efficiency of the Basic 400GT heat recovery ventilation unit



Efficiency of the Basic 600GT heat recovery ventilation unit



Heat recovery efficiency of the Basic 400GT
heat recovery ventilation unit



Heat recovery efficiency of the Basic 600GT
heat recovery ventilation unit

Technical specification of the Basic heat recovery ventilation units

specification	unit	Basic 400GT	Basic 600GT
catalogue number	-	12-000007	12-000008
efficiency (at 100 Pa)	m^3/h	470	620
maximum efficiency (at 0 Pa)	m^3/h	525	665
ErP energy efficiency class work in schedule mode	-	A	A
acoustic power level	dB	63	64
voltage and frequency	-	230V AC / 50 Hz	230V AC / 50 Hz
fan (power)	W	95	200
fan (type)	-	EC	
efficiency of heat recovery	%	85	
maximum efficiency of heat recovery	%	95,3	
unit dimensions (height x width x depth)	mm	810 x 1200 x 520	
weight	kg	40	
diameter of the connection pipes	mm	200	
condensate drain	-	DN 32	
heat recovery ventilation units casing material / thickness	- / mm	EPP / 40	
anti-freeze system	-	PTC modulated pre-heater	
exchanger type	-	cross-countercurrent (heat recovery)	
exchanger material	-	polystyrene	
air temperature	°C	-20°C ÷ +50°C	
type of filters	-	starting	
supply air filter	-	G4 ISO Coarse ≥ 65%	
exhaust air filter	-	G4 ISO Coarse ≥ 65%	
by-pass	-	100%, automatic	
air stream stabilization system	-	seamless balancing of supply and exhaust air streams	
location of the fans	-	from the intake and exhaust side	

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