

Power from

2 W

Air flow up to

50 m³/h

Sound pressure level from

1 dBA*

* At a distance of 3 m.



Style is a modern and efficient solution to ensure comfortable microclimate within a room and required air exchange in the renovated rooms, new, just-settled buildings or reconstructed apartments.

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SINGLE ROOM ENERGY-SAVING VENTILATION TWINFRESH STYLE



FUNCTIONAL

Many units can be connected to one control network.



EFFICIENT

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

USER-FRIENDLY

operation of the ventilator.

Unit design allows easy maintenance and mounting.





Noise-insulating material provides noise absorption during the



One ventilator operating in heat recovery or ventilation mode is enough to ensure quality ventilation within a room.



The unit is controlled via a remote control and buttons on the control panel.







Trendy ventilator design.



High efficiency – 90 %.



Can be mounted inside a prepared hole (from Ø 170 mm) in a wall.



Availability of a humidity sensor.



Connection of the units into one control network.



Connection of an external ${\rm CO}_2$ sensor or other external relay sensors.



Automatic drafts shutoff thanks to air damper when the ventilator is off.



Noise at the level of human whisper (from 1 up to 26 dBA at a distance of 3 m).

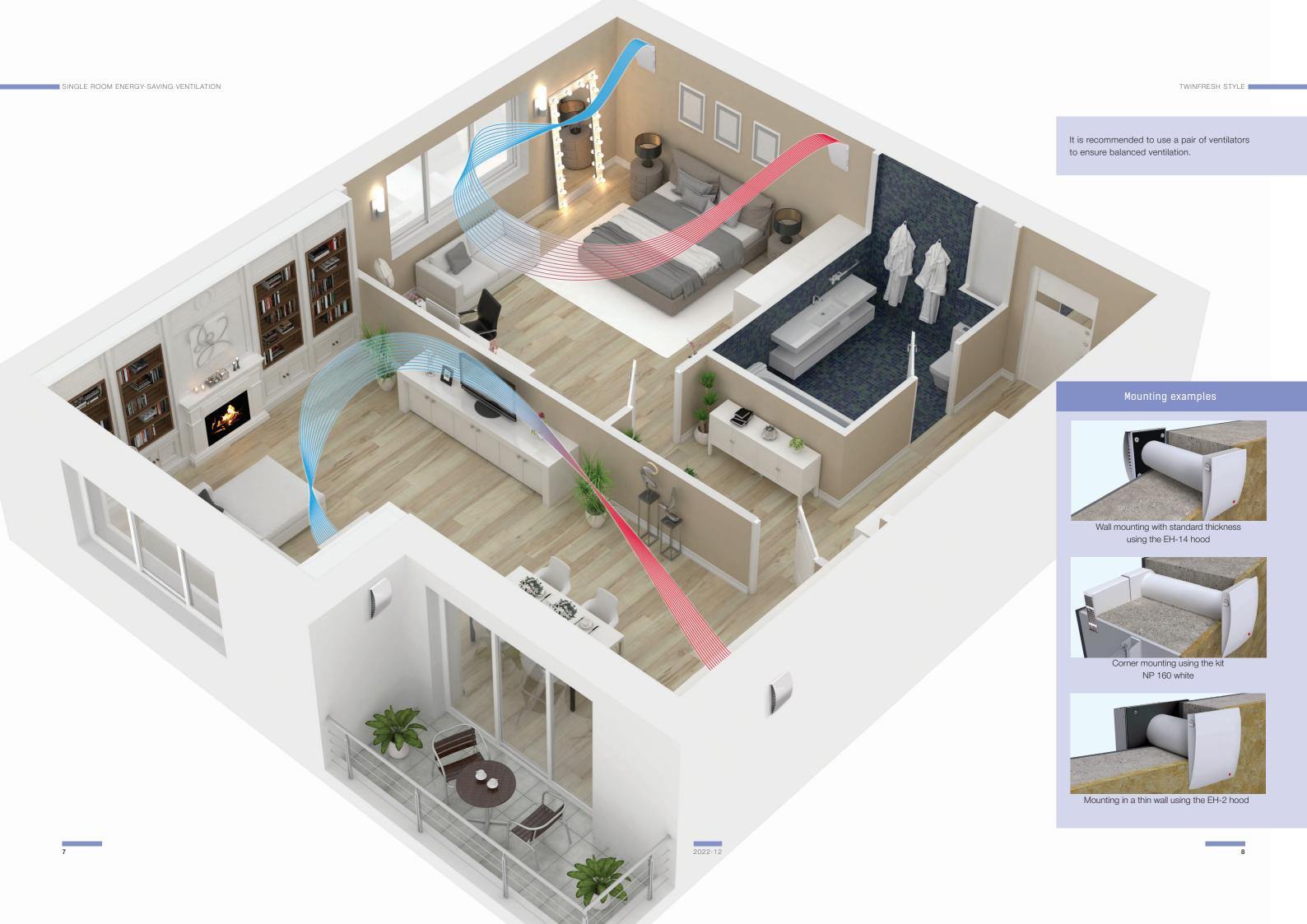


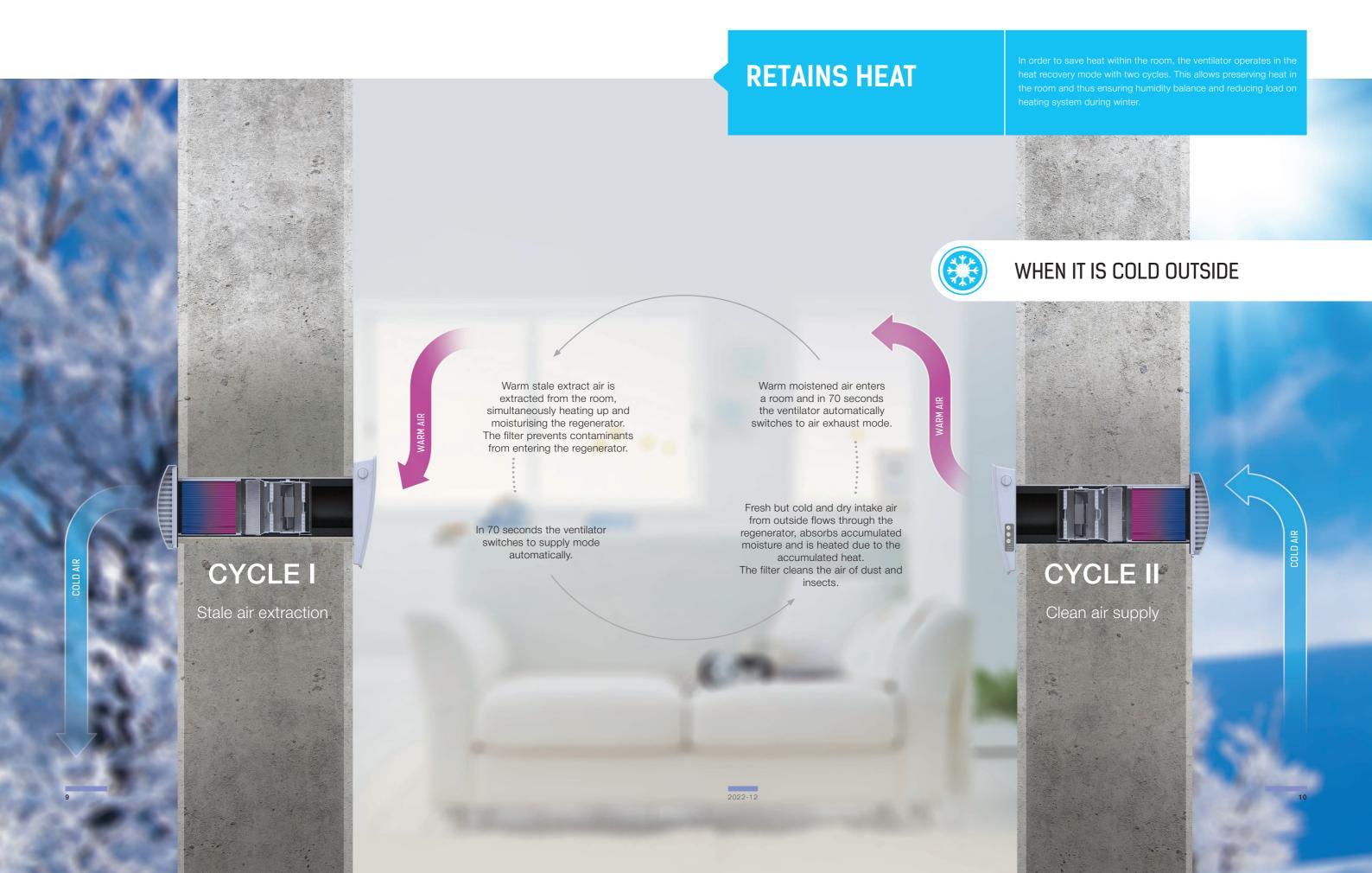
Ventilation of premises with the area of about 25 m² (the area is approximate and depends on the ventilation standards in your country).



Simple mounting and maintenance.

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To save energy, the ventilator operates in heat recovery mode wit two cycles, which allows reducing load on air conditioning syster during summer.

WHEN IT IS HOT OUTSIDE



CYCLE I
Stale air extraction

Cold stale air is extracted from a premise, cooling the regenerator.

The filter prevents air contaminants from entering the regenerator.

In 70 seconds the ventilator switches to supply mode automatically.

Cold air enters a premise, and in 70 seconds the ventilator switches to air exhaust mode.

Fresh warm air from outside flows through the regenerator, and is cooled down due to the cold accumulated in the regenerator.

The filter cleans the air of dust and insects.



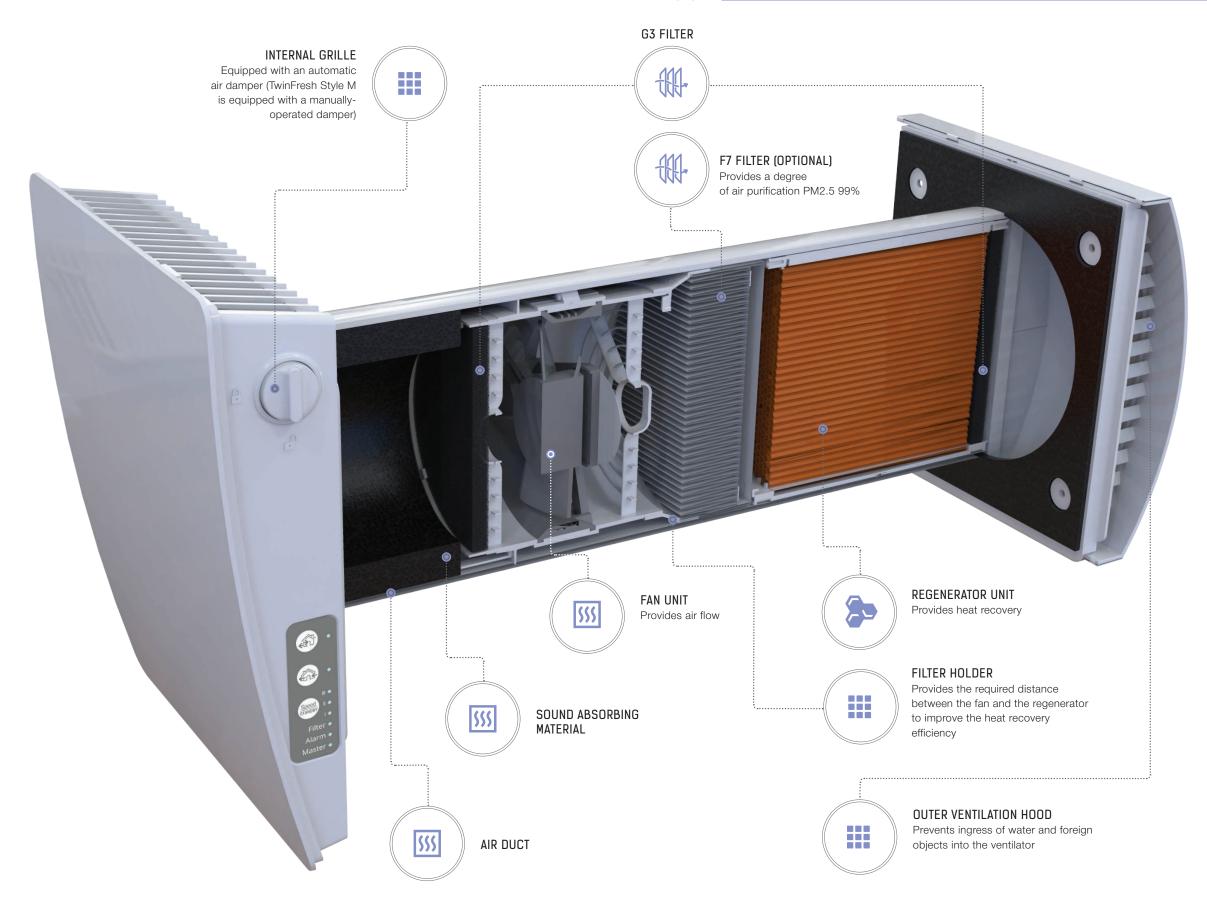
CYCLE II

Clean air supply

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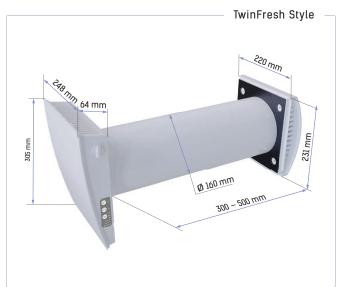


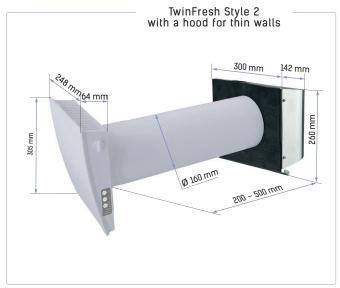
TECHNICAL DATA

Speed	I	II	III	
Unit voltage [V/50 (60) Hz]	100-240 / 50-60			
Power [W]	2.0	3.5	5.5	
Current [A]	0.03	0.03	0.06	
Air flow in ventilation mode [m³/h (l/s)]	15(4)	15(4) 35(10)		
Air flow in energy recovery mode [m³/h (l/s)]	8(2)	18(5)	25(7)	
SFP [W/l/s]	0.96	0.84	0.79	
Transported air temperature [°C]	-20(-30*)+40			
Sound pressure level at 1 m distance [dBA]	10	28	35	
Sound pressure level at 3 m distance [dBA]	4	19	26	
Outdoor sound pressure attenuation in accordance with DIN EN 20140 [dBA]	40			
Heat recovery efficiency in accordance with DIBt LÜ-A 20 [%]		≤ 90		
Classification of the indoor/outdoor air tightness, according to EN 13141-8				
Filter		G3 (G4, F7 optional	**)	
PM2.5 removal efficiency of F7 filter [%]				
**Air flow with F7 filter applied [m³/h]	40			

^{*}When EH-13 hood is used (TwinFresh Style Frost).

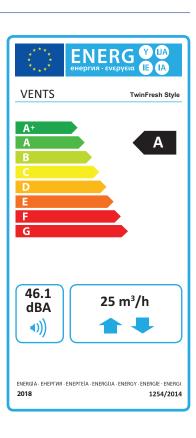
OVERALL DIMENSIONS





ECODESIGN

Specific energy consumption (SEC)	Cold		Average		Warm	
[kWh(m².a)]	-84.3	A+	-41.3	А	-16.7	Е
Type of ventilation unit			Bidire	ectional		
Type of drive installed			Three	e-speed		
Type of heat recovery system			Rege	nerative)	
Thermal efficiency of heat recovery [%]	82.1					
Maximum air flow [m³/h]	25					
Power [W]	5.5					
Sound power level [dBA]			4	6.1		
Reference flow rate [m³/s]			0	.005		
Reference pressure difference [Pa]				0		
Specific power input (SPI) [W/(m³/h)]		0.2				
Control typology		Lo	cal auto	matic c	ontrol	
Maximum internal leakage rates [%]			:	2.7		
Maximum external leakage rates [%]		0				
Mixing rate of bidirectional units [%]	king rate of bidirectional units [%]					
The classification of the airflow sensitivity to pressure variations, according to EN 13141-8 [%]		37.3				
The classification of the indoor/outdoor air tightness, according to EN 13141-8 [m³/h]						
Internet address	ŀ	nttp://w	ww.vent	ilation-s	system.c	om
The annual electricity consumption (AEC)	C	Cold	Ave	erage	Wa	arm
[kWh electricity/a]	1	44	1	44	1	44
The annual heating saved (AHS) [kWh primary energy/a]		Cold	Ave	erage	Wa	arm
		789	44	193	20)32



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Hoods	EH-14 white 160	AMMINE	Plastic hood. Colour options: White Black Grey Terracotta Brown Beige			
	EH-14 chrome 160		Grey plastic outer hood with a brushed stainless steel cover			
	EH-2 grey 160		Grey painted stainless steel outer hood for thin walls			
	EH-2 chrome 160		Polished stainless steel hood for thin walls			
	EH-13 white 160		White painted aluminium outer hood for cold climate			
	EH-13 chrome 160		Stainless steel ventilation hood for cold climate			
	MVVM 162 05		Hood for mounting from inside			
Angular mounting	NP white 160		Kit for angular mounting with white colour grille			
	NP chrome 160		Kit for angular mounting with stainless steel outer grille			

	Duct 160 -500		Round air duct with a diameter of 160 mm and a length of 500 mm with a foam plug
Mounting elements	Duct 160 -700		Round air duct with a diameter of 160 mm and a length of 700 mm with a foam plug
Mom	T TwinFresh Style	•==	Cardboard template for indoor installation of the unit
10	RK1 TwinFresh	100	Remote control
For ventilator control	C02-1	(i)	CO ₂ sensor with LED indication and sensor buttons
Ľ.	CO2-2	Cq.	CO ₂ sensor
	TRF-220/24-1,6 or TRF-120/24-1,6		Power supply for CO ₂ sensors
	SF2 TwinFresh G3		G3 filter kit (2 pcs.)
Filters	SF2 TwinFresh G4		Coarse filter G4 Contents: • plastic filter holder (1 pc.) • G4 filter (1 pc.)
	SF2 TwinFresh F7		Fine filter F7 Contents: • plastic filter holder (1 pc.) • F7 filter (1 pc.) The F7 filter reduces air flow to 40 m³/h

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