



TWINFRESH
EASY
RL7-50-17

TWINFRESH
EASY-D
RL7-50-17

TWINFRESH

Power from

1 W

Air flow up to

50 m³/h

Sound pressure level from

12 dBA



SH

The modern TwinFresh Easy RL7-50-17 ventilator will provide the room with clean and fresh air.

Filters with a high filtration efficiency will not let in harmful dust, resin and smog, and the internal noise insulation of the ventilator provides peace and silence at your home.



MODERN AND SILENT



FUNCTIONAL

The ventilator is controlled via a wall-mounted LCD panel or a remote control.

SILENT

The operation is silent but still very effective.

RELIABLE

Low power consumption as well as motor overheating protection will ensure long service life.



G3 filters provide coarse air filtration from dust and soot. The F8 filter with PM 2.5 filtration efficiency is available as an option.



Sound-insulating material suppresses street noise.



Two ventilators are controlled by means of one control panel.



Easy control via a wall-mounted LCD panel or a remote control.

Operation modes:

- Speed setup I II III
- Operation mode setup
 - Ventilation 
 - Regeneration 
- Timer setup
 - 4 hours at the speed III 
 - 8 hours at the speed I 
 - Optimal speed – II 

VARIETY OF OPTIONS

ADVANTAGES



Connection of two ventilators to a single control panel.



Manual hermetic damper shutoff when the unit is switched off to be 100 % sure there will be no drafts.



High efficiency – up to 92%.



Filter (F8) of high filtration efficiency can additionally purify air.



Simple unit control by a remote control or a wall-mounted panel without using other automatic devices.



Noise at the level of rustling leaves (12-20 dBA).



Operation at temperatures up to -30 °C when using appropriate accessories.



Ventilation of premises with the area of about 40 m² (the area is approximate and depends on the ventilation standards in your country).

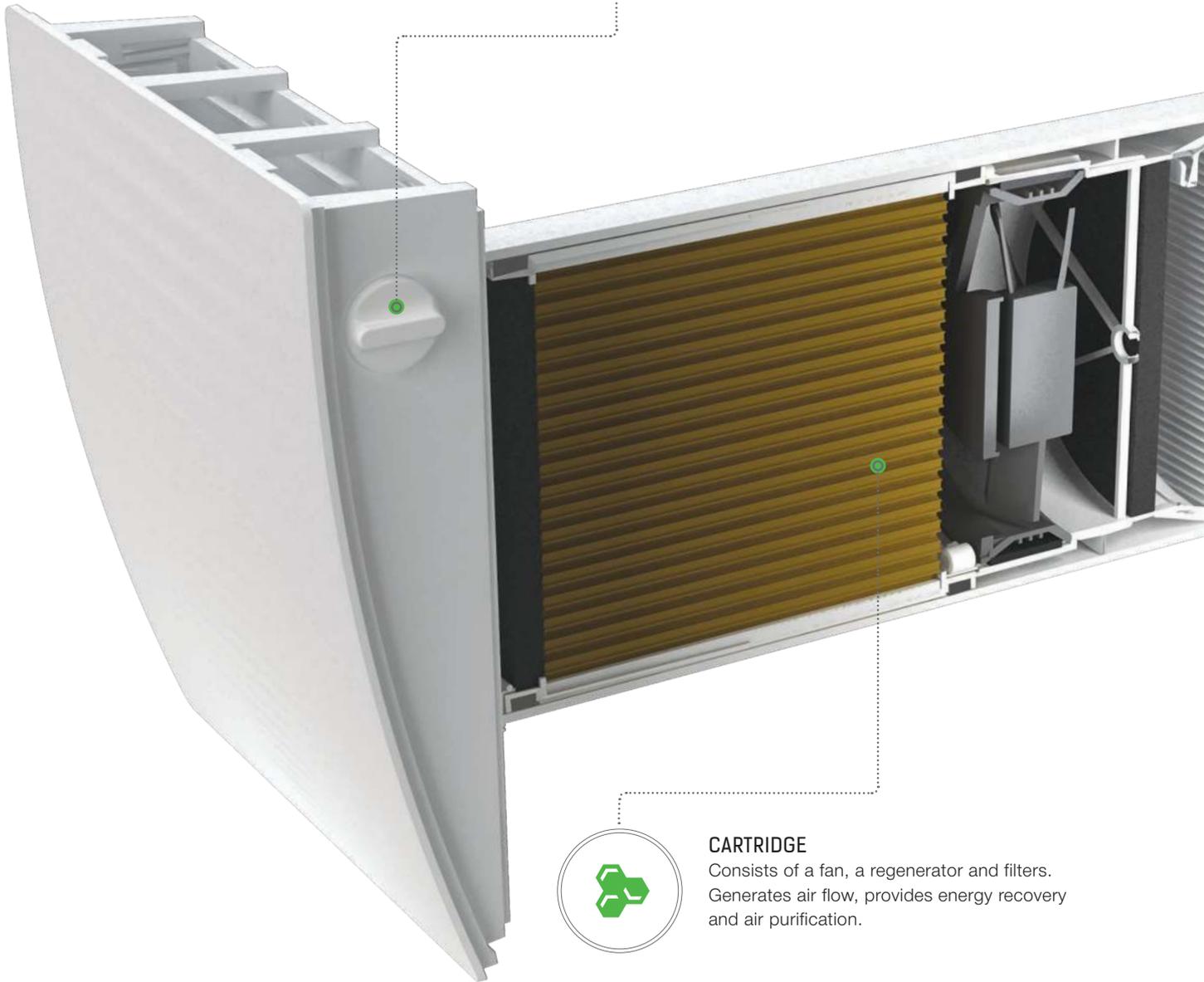


HOW IS IT DESIGNED?



INTERNAL GRILLE

Equipped with a manually actuated air damper



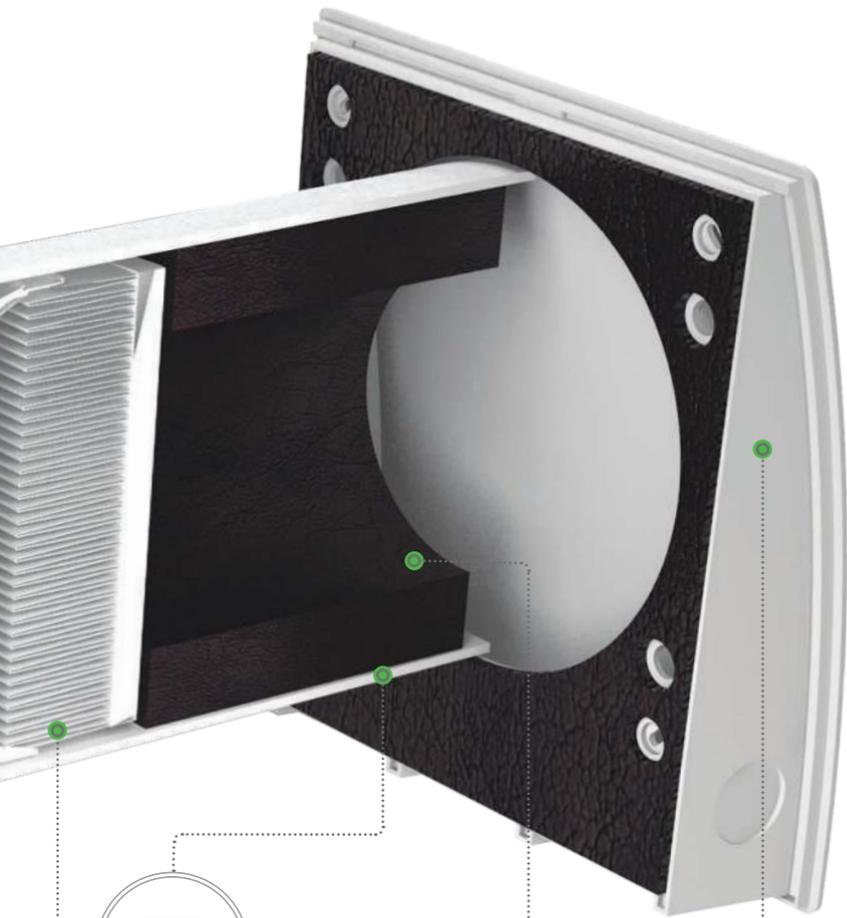
CARTRIDGE

Consists of a fan, a regenerator and filters. Generates air flow, provides energy recovery and air purification.



F8 FILTER (OPTIONAL)

Provides PM2.5 purification efficiency of 99 %.



AIR DUCT



SOUND ABSORBING MATERIAL

A layer of sound-absorbing material for attenuation of noise generated during the ventilator operation



OUTER HOOD

Protects the ventilator from ingress of water and foreign objects

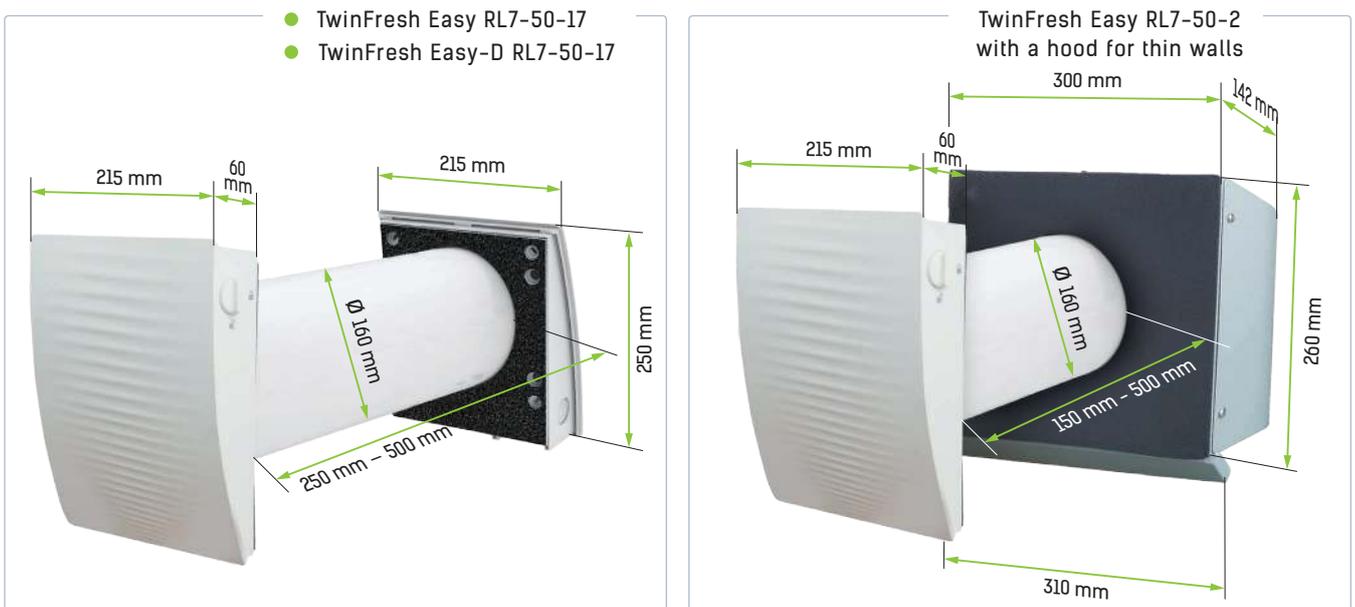


TECHNICAL DATA

Model	TwinFresh Easy RL7-50-17			TwinFresh Easy-D RL7-50-17		
	I	II	III	I	II	III
Speed						
Unit voltage [V/50 (60) Hz]	100-240 / 50-60			100-240 / 50-60		
Power [W]	1	2.1	4.3	2.37	3.8	7.61
Current [A]	0.017	0.025	0.041	0.033	0.047	0.080
Air flow in ventilation mode [m³/h (l/s)]	15 (4)	30 (8)	50 (14)	15 (4)	30 (8)	50 (14)
Air flow in energy recovery mode [m³/h (l/s)]	8 (2)	15 (4)	25 (7)	15 (4)	30 (8)	50 (14)
SFP [W/l/s]	0.48	0.50	0.62	0.57	0.46	0.55
Filter	G3 (F8 optional)					
Transported air temperature [°C]	-15*...+40					
Sound pressure level at 1 m distance [dBA]	21	27	29	21	27	29
Sound pressure level at 3 m distance [dBA]	12	18	20	12	18	20
Outdoor sound pressure attenuation in accordance with DIN EN 20140 [dBA]	41					
The classification of the airflow sensitivity to pressure variations, according to EN 13141-8 [%]	-	-	S3	-	-	S3
The classification of the indoor/outdoor air tightness, according to EN 13141-8 [m³/h]	D1					
Heat recovery efficiency in accordance with DIBt LÚ-A 20 [%]	≤ 92			≤ 92		
F8 filter filtration rate PM2.5 [%]	99					
Air flow with F8 filter applied [m³/h]	40					

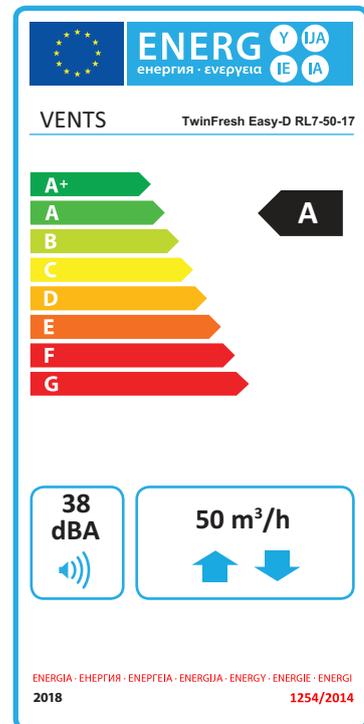
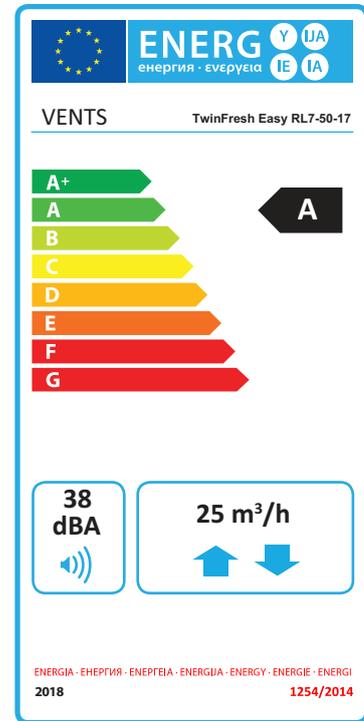
*-30 °C when the C3 TwinFresh cartridge and the EH-13 hood are applied.

OVERALL DIMENSIONS



ECODESIGN

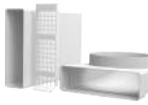
Model	TwinFresh Easy RL7-50-17						TwinFresh Easy-D RL7-50-17					
	Cold		Average		Warm		Cold		Average		Warm	
Specific energy consumption (SEC) [kWh/(m ² .a)]	-76	A+	-37	A	-14	E	-76.2	A+	-37	A	-15	E
Type of ventilation unit	Bidirectional											
Type of drive installed	Three-speed											
Type of heat recovery system	Regenerative											
Thermal efficiency of heat recovery [%]	76						76					
Maximum air flow rate [m ³ /h]	25						50					
Power [W]	4.3						7.6					
Sound power level [dBA]	38						38					
Reference air flow rate [m ³ /s]	0.004						0.008					
Reference pressure difference [Pa]	0						0					
Specific power input (SPI) [W/(m ³ /h)]	0.14						0.127					
Control typology	Clock control											
Maximum internal leakage rate [%]	2.7											
Maximum external leakage rate [%]	0											
Mixing rate of bidirectional units [%]	1											
The classification of the airflow sensitivity to pressure variations, according to EN 13141-8 [%]	26											
The classification of the indoor/ outdoor air tightness, according to EN 13141-8 [m ³ /h]	2.4											
Internet address	http://www.ventilation-system.com											
The annual electricity consump- tion (AEC) [kWh electricity/a]	Cold	Average	Warm	Cold	Average	Warm	Cold	Average	Warm	Cold	Average	Warm
	179	179	179	162	162	162	162	162	162	162	162	162
The annual heating saved (AHS) [kWh primary energy/a]	Cold	Average	Warm	Cold	Average	Warm	Cold	Average	Warm	Cold	Average	Warm
	8024	4140	1855	8024	4140	1855	8024	4140	1855	8024	4140	1855



ACCESSORIES

Hoods	EH-14 white 160		Plastic hood. Colour options:	     
	EH-14 chrome 160		Grey plastic outer hood with a brushed stainless steel cover	
	EH-17 white 160		Plastic hood. Colour options:	     
	EH-2 grey 160		Grey painted stainless steel outer hood for thin walls	
	EH-2 chrome 160		Brushed 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		Ventilation hood for indoor mounting	

Grilles	MVMO 150 bV1s An		Round metal grille
	MVM 152 bVs N		Round stainless steel hood

Angular mounting	NP white 160		Kit for angular mounting with a white grille
	NP chrome 160		Kit for angular mounting with a stainless steel outer grille

Mounting elements	Duct 160-500		Round air duct (Ø 160, length – 500 mm) with a polystyrene plug
	Duct 160-700		Round air duct (Ø 160, length – 700 mm) with a polystyrene plug
	C3 TwinFresh		Cartridge for cold climate

For ventilator control	RC TwinFresh Easy RL-50		Remote control
	KV TwinFresh Easy RL-50		LCD control panel

Filters	SF TwinFresh Easy R-50 G3		G3 filter kit (2 pcs.)
	SF TwinFresh Easy R-50 F8		F8 filter (supplied with a plastic cup)