

TwinFresh Comfo RA1-50 V.3



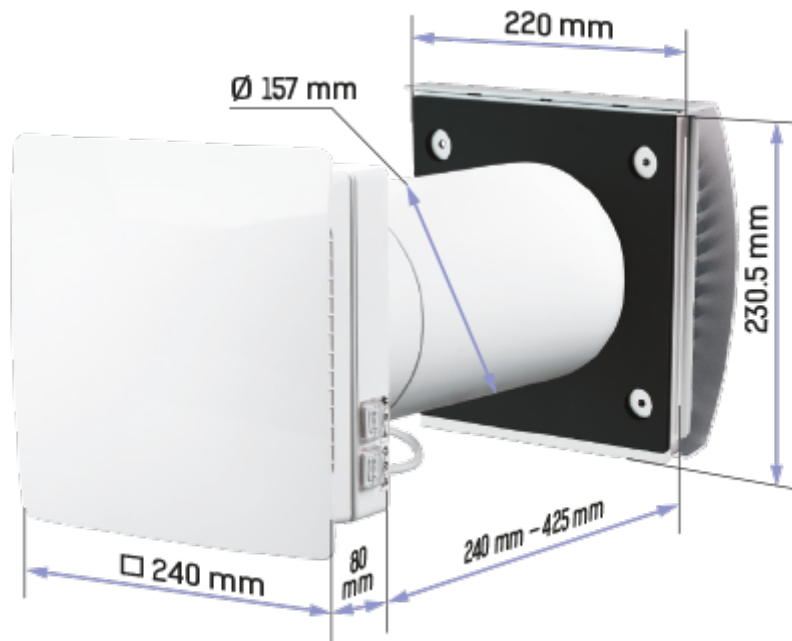
The TwinFresh Comfo user-friendly ventilator ensures fresh and clean air with a comfort level of humidity in your house

- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 3 m: 23
- Sound pressure level LpA at 1 m: 32
- Heat exchanger type: Regenerative
- Filter: G3 (G4 F7 опционально), G3 (G4 F7 optional)
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: Plastic
- Humidity sensor: Built-in

	Unit of measurement	TwinFresh Comfo RA1-50 V.3		
Speed	-	3		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	4.50	5.00	7.00
Unit current	A	0.024	0.026	0.039
Air flow in ventilation mode	m ³ /h	20	35	50
Air flow in heat recovery mode	m ³ /h	10	18	25
Sound pressure level LpA at 3 m	dB(A)	13	20	23
Sound pressure level LpA at 1 m	dB(A)	22	29	32
Heat recovery efficiency, max	%	88		
Heat exchanger type	-	Regenerative		
Heat exchanger material	-	Ceramic		
Filter	-	G3 (G4 F7 опционально), G3 (G4 F7 optional)		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-20		
Ambient air temperature min	°C	1		
Ambient air temperature max	°C	40		
Ambient air humidity max	%	65		









Ingress protection rating	-	IP24
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	81.8
SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	39.3
SEC Class Average	-	A
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	14.9
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	3-speed
Type of heat recovery system	-	Regenerative
Thermal efficiency of heat recovery	%	80
Maximum flow rate	m ³ /h	50
Electric power input	W	7
Reference flow rate	m ³ /s	0.005
Specific power input (SPI)	W/(m ³ /h)	0.286
Control typology	-	Local demand control
Airflow sensitivity at +20 Pa and -20 Pa	%	0.4
Cold - The annual electricity consumption (AEC)	kWh/a	206
Average - The annual electricity consumption (AEC)	kWh/a	206
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	206
Cold - The annual heating saved (AHS)	kWh/a	87
The annual heating saved (AHS) Average	kWh/a	44
The annual heating saved (AHS) Warm	kWh/a	20
Declared typology	-	RVU BVU
Sound power level	dB(A)	37
















Dimensions




Accessories

Other accessories

Name	Photo	Description
EH-14 beige 160		Plastic outer hood
EH-14 black 160		Plastic outer hood
EH-14 brown 160		Plastic outer hood
EH-14 chrome 160		Plastic outer hood
EH-14 grey 160		Plastic outer hood
EH-14 terracotta 160		Plastic outer hood
EH-14 white 160		Plastic outer hood
EH-17 beige 160		Plastic outer hood



EH-17 black 160		Plastic outer hood
EH-17 brown 160		Plastic outer hood
EH-17 grey 160		Plastic outer hood
EH-17 terracotta 160		Plastic outer hood
EH-17 white 160		Plastic outer hood
EH-2 chrome 160		Outer hood for thin walls
EH-2 grey 160		Outer hood for thin walls
EH-13 chrome 160		Outer hood for cold climate
EH-13 white 160		Outer hood for cold climate
MVVM 162 05		Outer ventilation hood
TwinFresh R-50		Kit for pre-installation
TwinFresh Comfo RA1-50 V.3 completion kit		Completion kit (for the TwinFresh Comfo RA1-50 V.3 model)
RC TwinFresh Comfo R-50		Remote control
SF TwinFresh R-50 G3		G3 filter kit (2 pcs.)
SFC 150x50 F7		Filter

SFC 150x50 G4		Filter
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Metal

Name	Photo	Description
MVMO 150 bV1s An		Supply and exhaust round edge-raised metal grilles

Flat duct

Name	Photo	Description
3805		Wall mounting
3810		Wall mounting