

# TwinFresh Comfo RA1-85 V.3



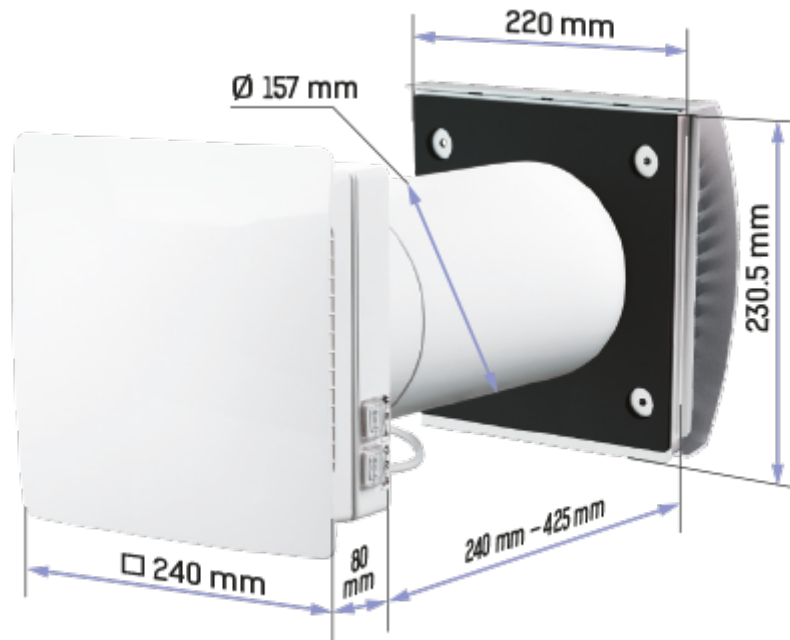
The TwinFresh Comfo user-friendly ventilator ensures fresh and clean air with a comfort level of humidity in your house

- Air flow in heat recovery mode: 43
- Sound pressure level LpA at 3 m: 34
- Sound pressure level LpA at 1 m: 44
- Heat exchanger type: Regenerative
- Filter: G3 (G4 F7 optional)
- Sound insulation
- Motor type: EC
- Control: Remote Control
- Casing material: Plastic
- Humidity sensor: Built-in

	Unit of measurement	TwinFresh Comfo RA1-85 V.3		
Speed	-	3		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	4.74	6.56	9.65
Unit current	A	0.034	0.050	0.071
Air flow in ventilation mode	m <sup>3</sup> /h	36	59	85
Air flow in heat recovery mode	m <sup>3</sup> /h	18	30	43
Sound pressure level LpA at 3 m	dB(A)	19	25	34
Sound pressure level LpA at 1 m	dB(A)	29	35	44
Heat recovery efficiency, max	%	90		
Heat exchanger type	-	Regenerative		
Heat exchanger material	-	Ceramic		
Filter	-	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
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## Dimensions



## Accessories

### Other accessories

Name	Photo	Description
<a href="#">EH-14 white 160</a>		Plastic outer hood
<a href="#">EH-14 chrome 160</a>		Plastic outer hood
<a href="#">EH-17 white 160</a>		Plastic outer hood
<a href="#">EH-17 terracotta 160</a>		Plastic outer hood
<a href="#">EH-17 grey 160</a>		Plastic outer hood
<a href="#">EH-17 brown 160</a>		Plastic outer hood


<a href="#">EH-17 black 160</a>		Plastic outer hood
<a href="#">EH-17 beige 160</a>		Plastic outer hood
<a href="#">EH-14 beige 160</a>		Plastic outer hood
<a href="#">EH-14 black 160</a>		Plastic outer hood
<a href="#">EH-14 brown 160</a>		Plastic outer hood
<a href="#">EH-14 grey 160</a>		Plastic outer hood
<a href="#">EH-14 terracotta 160</a>		Plastic outer hood
<a href="#">MVVM 162 05</a>		Outer ventilation hood

### Other accessories


Name	Photo	Description
EH-2 grey 160		Outer hood for thin walls
EH-2 chrome 160		Outer hood for thin walls
EH-13 chrome 160		Outer hood for cold climate
EH-13 white 160		Outer hood for cold climate
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

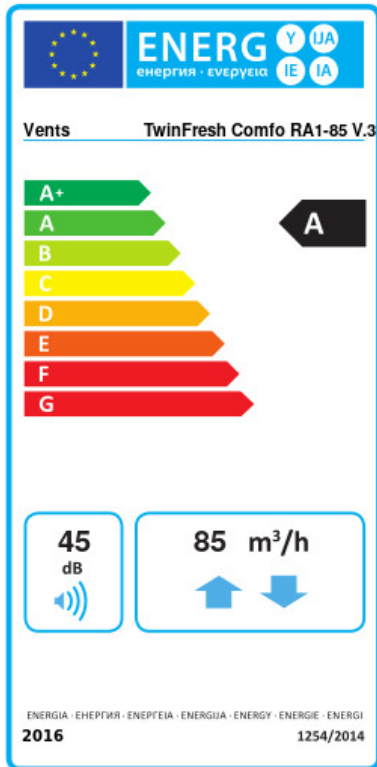
### Other accessories

Name	Photo	Description
<a href="#">MVMO 150 bV1s An</a>		Supply and exhaust round edge-raised metal grilles

### Flat duct

Name	Photo	Description
<a href="#">3805</a>		Wall mounting
<a href="#">3810</a>		Wall mounting

## Ecodesign



Trademark	Vents					
Model	TwinFresh Comfo RA1-85 V.3					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-78	A+	-37.9	A	-15	E
Type of ventilation unit	Bidirectional					
Type of drive installed	3-speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	69					
Maximum flow rate (m <sup>3</sup> /h)	85					
Electric power input (W)	9.7					
Reference flow rate (m <sup>3</sup> /s)	0.008					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.222					
Control typology	Local demand control					
Airflow sensitivity at +20 Pa and -20 Pa (%)	0.4					
Declared typology	RVU BVU					
Sound power level (dB(A))	45					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	161		161		161	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	82		42		19	