

TwinFresh Atmo



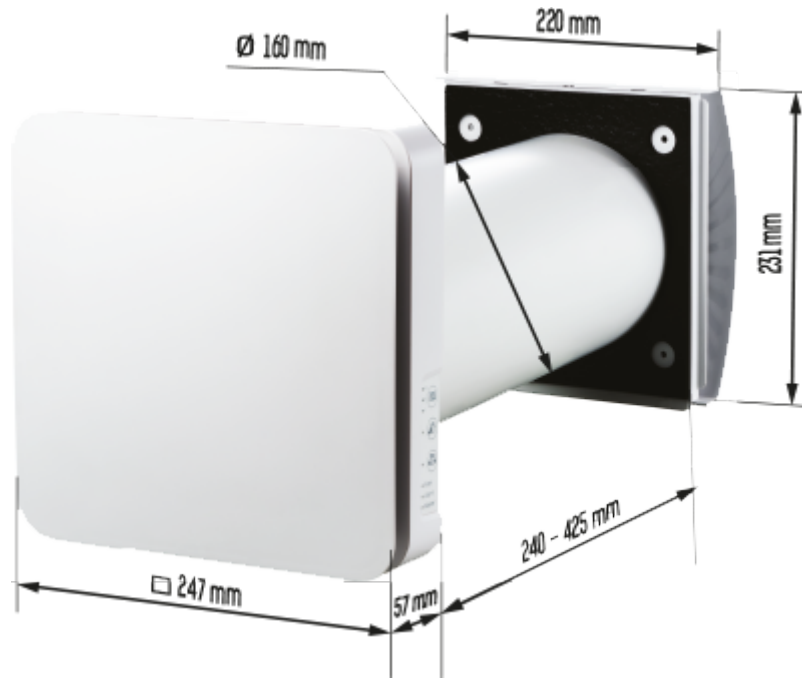
TwinFresh Atmo - is a brand new dMVHR solutions for newbuild and retrofit single-room applications, offer efficient and cost-effective ventilation

- Air flow in heat recovery mode: 25
- Sound pressure level LpA at 3 m: 27
- Sound pressure level LpA at 1 m: 36
- Filter: ISO Coarse >50% (G3) (ISO Coarse >60% (G4), ISO ePM1 60% (F7) optional)
- Sound insulation
- Motor type: DC
- Control: Built-in control panel
- Humidity sensor
- Shutters

	Unit of measurement	TwinFresh Atmo		
Connected air duct size	mm	160		
Speed	-	3		
Phases	-	1		
Minimum supply voltage	V	100		
Maximum supply voltage	V	240		
Power supply frequency	Hz	50/60		
Rated power	W	1.7	3.0	4.3
Unit current	A	0.03	0.04	0.05
Air flow in ventilation mode	m ³ /h	15	35	50
Air flow in heat recovery mode	m ³ /h	8	15	25
Sound pressure level LpA at 3 m	dB(A)	11	21	27
Sound pressure level LpA at 1 m	dB(A)	20	30	36
Heat recovery efficiency, max	%	88		
Heat exchanger material	-	Ceramic		
Filter	-	ISO Coarse >50% (G3) (ISO Coarse >60% (G4), ISO ePM1 60% (F7) optional)		
Transported air temperature (max)	°C	40		
Transported air temperature (min)	°C	-20		
Ingress protection rating	-	IP24		
ErP compliance	-	2016, 2018		
Cold - Specific energy consumption (SEC)	kWh/(m ² /a)	83.4		









SEC Class Cold	-	A+
Average - Specific energy consumption (SEC)	kWh/(m ² /a)	42.2
SEC Class Average	-	A+
Warm - Specific energy consumption (SEC)	kWh/(m ² /a)	18.6
SEC Class Warm	-	E
Unit category	-	RVU
Type of ventilation unit	-	Bidirectional
Type of drive installed	-	Variable speed
Type of heat recovery system	-	Regenerative
Thermal efficiency of heat recovery	%	74
Maximum flow rate	m ³ /h	50
Electric power input	W	4.3
Reference flow rate	m ³ /s	0.01
Specific power input (SPI)	W/(m ³ /h)	0.063
Control typology	-	Local demand control
Airflow sensitivity at +20 Pa and -20 Pa	%	0.35
The indoor/outdoor air tightness	m ³ /h	2.3
Cold - The annual electricity consumption (AEC)	kWh/a	37
Average - The annual electricity consumption (AEC)	kWh/a	37
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	37
Cold - The annual heating saved (AHS)	kWh/a	84
The annual heating saved (AHS) Average	kWh/a	43
The annual heating saved (AHS) Warm	kWh/a	19
Sound power level	dB(A)	37
Declared typology	-	RVU BVU















Dimensions



Accessories

Other accessories

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

EH-17 black 160		Plastic outer hood
EH-17 grey 160		Plastic outer hood
EH-17 terracotta 160		Plastic outer hood
EH-17 brown 160		Plastic outer hood
EH-17 beige 160		Plastic outer hood
EH-2 grey 160		Outer hood for thin walls
EH-2 chrome 160		Outer hood for thin walls
MVVM 162 05		Outer ventilation hood
NP white 160		Angular mounting kit
NP chrome 160		Angular mounting kit
RC TwinFresh Atmo		Remote control
SFC2 TwinFresh G3		G3 filter kit (2 pcs.)
SF2 TwinFresh F7		Fine filter F7 Contents: • plastic filter holder (1 pc.) • F7 filter (1 pc.) The F7 filter reduces air flow to 40 m ³ /h
SF2 TwinFresh G4		Coarse filter G4 Contents: • plastic filter holder (1 pc.) • G4 filter (1 pc.)

Flat duct

Name	Photo	Description
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3805		Wall mounting
3810		Wall mounting