



TwinFresh Elite

HRV unit for single-room ventilation

PATENTED



■ TwinFresh Elite | HRV unit for single-room ventilation

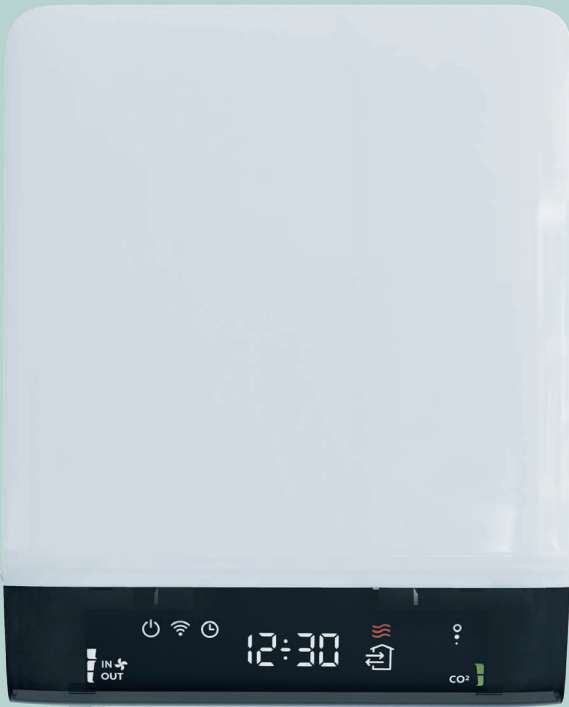
TwinFresh Elite heat recovery unit is a modern solution that combines balanced ventilation with heat recovery, a built-in electric heater, temperature and air quality sensors, as well as a user-friendly interface. With its compact design and multi-functionality, the device provides an effective way to improve indoor air quality while reducing energy consumption.

FEATURES:

- Simultaneously supplies and exhausts air through a single hole in the outer wall.
- Separate settings for each EC fan ensure balanced ventilation.
- Reducing heat losses caused by ventilation due to heat recovery.
- Efficient copper heat exchanger with automatic frost protection system.
- Electric heater.
- MERV5 supply and exhaust filters.
- 4 temperature sensors.
- Humidity sensor.
- Optional CO₂ and air quality sensor.

TwinFresh Elite

FUNCTIONS



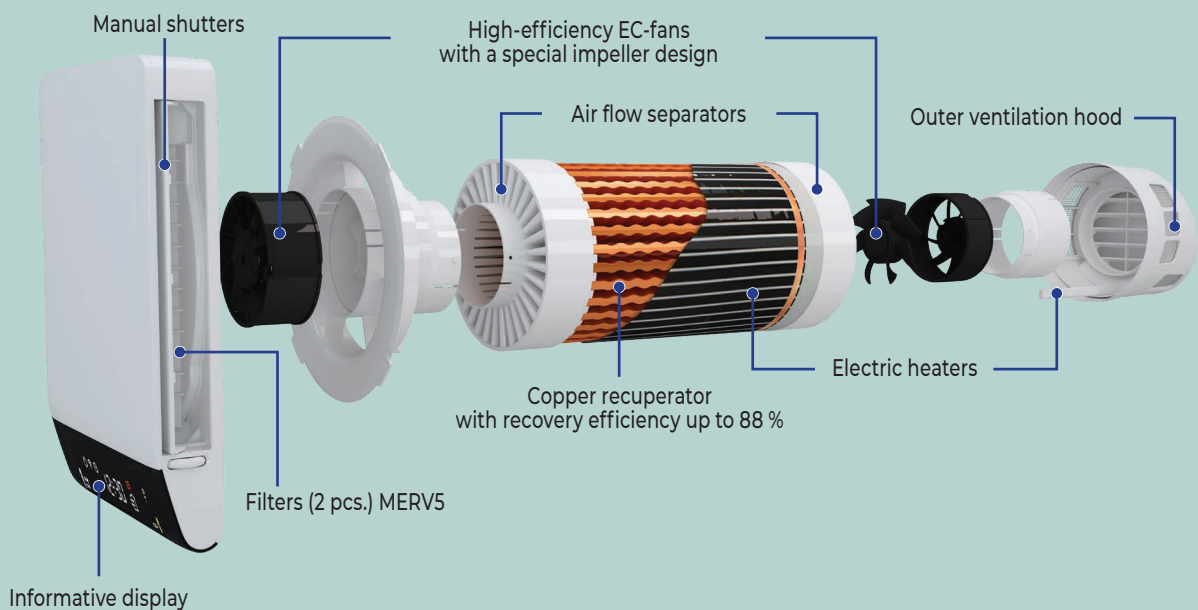
- Heat recovery mode, supply only mode, exhaust only mode and automatic mode based on sensors
- 3 speeds, adjustable from 0 to 100%
- Wi-Fi and Google Assistant
- Electric heater
- RH%, CO₂, VOC sensors
- Alarm
- Filter maintenance indication
- Night timer
- Turbo timer
- Week schedule
- Time indication
- Defrost indication

MODE OF OPERATION



- Heat recovery mode - simultaneously supplies and removes air through one opening in the outer wall. The heater and defrosting algorithm are activated by temperature sensors.
- Supply mode – active operation of the supply fan only. Electric heater activation is available.
- Exhaust mode – active operation of the exhaust fan only. Activation of the electric heater is not available.

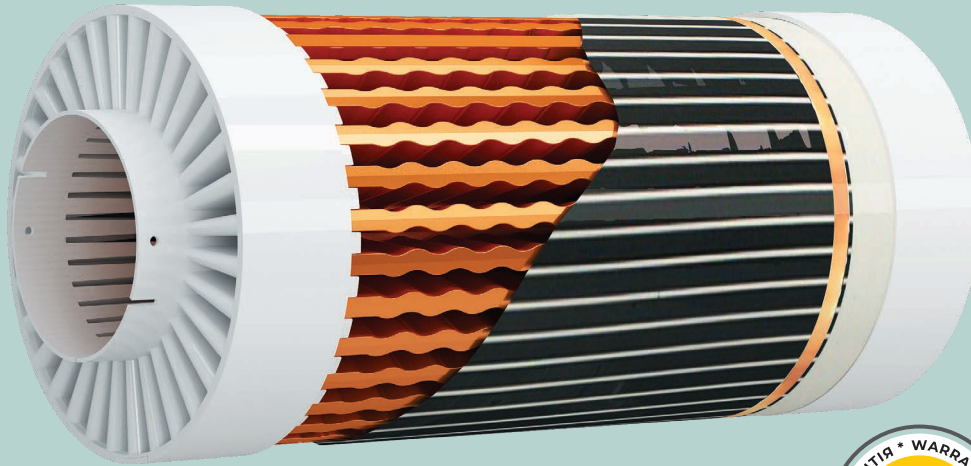
CONSTRUCTION



TwinFresh Elite

TwinFresh Elite

COPPER HEAT EXCHANGER



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Advantages:

- the use of high-quality refined copper guarantees significant indicators of thermal conductivity, tightness and antiseptic properties;
- patented technology and know-how presented by wavy ribs significantly increase the contact surface for maximum efficiency;
- modern automated recuperator production line ensures stable quality;
- the design of the recuperator has low air resistance, so the fans consume less electricity and create less noise.

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ALL FUNCTIONS IN YOUR SMARTPHONE

TwinFresh Elite – combines compact dimensions and a variety of built-in sensors (temperature, humidity, CO₂ and air quality), parameters that are easy to monitor in a smartphone application.



AND EVEN MORE.

Just say «Hello Google» and test, control and run TwinFresh Elite in English, German, Swedish, Norwegian, Danish, Polish, Dutch, French, Spanish*.

works with alexa

works with Google Home

Google play

Download on the App Store

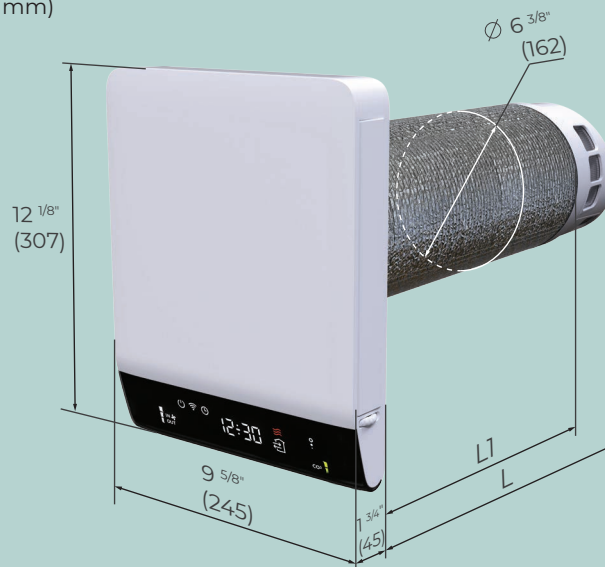
*Important: The feature availability could depend on your country, region and language. Check it for your speaker/smartphone or ask its manufacturer.

TwinFresh Elite

DIMENSIONS [inch]

Model	L, inch (mm)	L1, inch (mm)	Possible wall thickness	Possible wall thickness options when DNV extension cuff used				
				DNV-40	DNV-80	DNV-120	DNV-160	DNV-200
Elite 160 (Pro)	21 1/4" (540)	17 3/8" (439)	17 5/16" (440 mm)	15 3/4" (400 mm)	14 3/16" (360 mm)	12 5/8" (320 mm)	11" (280 mm)	9 7/16" (240 mm)
Elite 200 (Pro)	21 1/4" (553)	17 5/8" (447)						
Elite 160/200 (Pro) L055	25 9/16" (650)	21 5/8" (550)	17 5/16" – 21 5/8" (440 – 550 mm)	20 1/16" (510 mm)	18 1/2" (470 mm)	16 15/16" (430 mm)	15 3/8" (390 mm)	13 3/4" (350 mm)
Elite 160/200 (Pro) L07	31 1/2" (800)	27 9/16" (700)	17 5/16" – 27 9/16" (440 – 700 mm)	26" (660 mm)	24 7/16" (620 mm)	22 13/16" (580 mm)	21 1/4" (540 mm)	19 11/16" (500 mm)
Elite 160/200 (Pro) L1	43 5/16" (1100)	39 3/8" (1000)	17 5/16" – 39 3/8" (440 – 1000 mm)	37 13/16" (960 mm)	36 1/4" (920 mm)	34 5/8" (880 mm)	33 1/16" (840 mm)	31 1/2" (800 mm)

For TwinFresh Elite 200-E - 8 1/6" (206 mm)



TECHNICAL DATA

Model	TwinFresh Elite 160-E TwinFresh Elite 160-E	TwinFresh Elite 200-E TwinFresh Elite 200-E
Air flow [CFM]	33 (41*)	41 (53*)
Heat recovery efficiency** [%]	88	85
Heat exchanger type	recuperative	
Heat exchanger material	copper	
Power [W]	up to 22	
Sound pressure level LpA @3m [Sones]	5.6	6.6
Heating	+	
Electric heater power [W]	100	100
Transported air temperature [°F]	-19.4...104	

* Boost

** According to EN13141-8

ASSORTMENT

Options & functions	TwinFresh Elite	TwinFresh Elite Pro
Heat recovery, supply only, exhaust only, auto (using temperature sensors) modes	+	-
Heat recovery, supply only, exhaust only, auto (using temperature and air quality sensors) modes	-	+
3 speeds with independent adjustment from 0 to 100% for supply and exhaust	+	+
4 temperature sensors (outdoor, supply, exhaust and indoor)	+	+
Light sensor	+	+
Humidity sensor (RH%)	+	+
Carbon dioxide sensor (CO ₂)	-	+
Air quality sensor (tVOC)	-	+
Frost protection and electric heater to maintain a comfortable supply air temperature	+	+
Filter maintenance indication	+	+
Efficiency level indicator	-	+
Remote control using an IR remote control and a smartphone via Wi-Fi	+	+
Functional smartphone application with voice control, cloud service	+	-
Functional smartphone application with voice control, cloud service and air quality level statistics	-	+
Main screens in the smartphone application	- Speed (3 speeds) - Speed (smooth adjustment) - Heater	Add: - Temperature and efficiency - Indoor temperature (graph) - Humidity (graph) - CO ₂ (graph) - tVOC (graph)

ACCESSORIES

	TwinFresh Elite 160 TwinFresh Elite 160 Pro	TwinFresh Elite 200 TwinFresh Elite 200 Pro
External compensator pad	CPO-40 TwinFresh Elite 160 CPO-80 TwinFresh Elite 160 CPO-120 TwinFresh Elite 160 CPO-160 TwinFresh Elite 160 CPO-200 TwinFresh Elite 160	CPO-40 TwinFresh Elite 200 CPO-80 TwinFresh Elite 200 CPO-120 TwinFresh Elite 200 CPO-160 TwinFresh Elite 200 CPO-200 TwinFresh Elite 200
Rubber decorative cuff for indoor installation	RP TwinFresh Elite 160	-
Metal cuff for outdoor installation	-	MP TwinFresh Elite 200
MERV5	SF TwinFresh Elite G3 (2 pcs.)	
MERV8	SF TwinFresh Elite G4 (2 pcs.)	



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