



DESIGNED FOR
AN EASY
INSTALLATION

TURAIS is a decentralized ventilation unit designed for residential and commercial applications, suitable both for renovations and new buildings. This includes residential dwellings, student apartments, hotel rooms and apartments for elderly people.

It offers high energy efficiency and excellent indoor air quality through either:

- Sensible heat exchanger: up to 94% thermal efficiency.
- Enthalpy exchanger: up to 89% thermal efficiency and 84% latent efficiency.

Key Features

- Wide airflow range: 20–100 m³/h.
- Quiet operation.
- Automatic demand control: via built-in humidity sensor.
- Smart commissioning: via NFC and CONNECTAIR mobile app.
- Balanced ventilation: constant airflow fans ensure optimal comfort.
- 4 airflow levels (configurable).
- PassivHaus certification: coming soon.

Flexibility

- Radio frequency control (accessory)
 - Compatible with AIRSENS RF.
- Integrated preheater (accessory).
- TUR-SPCM Communication module to control the ventilation system through internet. (Optional)
- Keyboard position (left/right) configurable on site.
- Customizable appearance: paintable front cover to match wall color.
- Filter options:
 - Standard: ISO Coarse 65% (G4).
 - Optional: ISO ePM1 70% (F7).

Specific applications



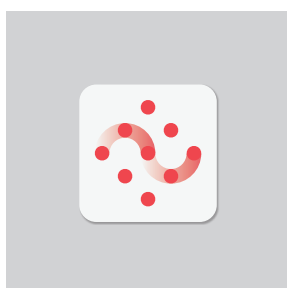
VMC
Single
Dwellings



VMC
Multi dwelling
blocks



Heat recovery
units

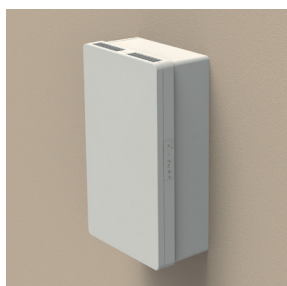


Connectair

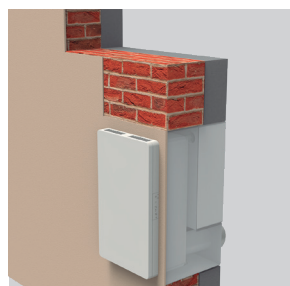
Through the TURAIS-SPCM module, the unit can access Connectair, S&P's IoT platform that enables a new way to enjoy ventilation.

TURAIS offers a compact design and three installation options that make it adaptable to any architectural style:

Surface mount



Semi integrated



Single room



Remote extraction

TURAIS – Fully integrated



TECHNICAL CHARACTERISTICS

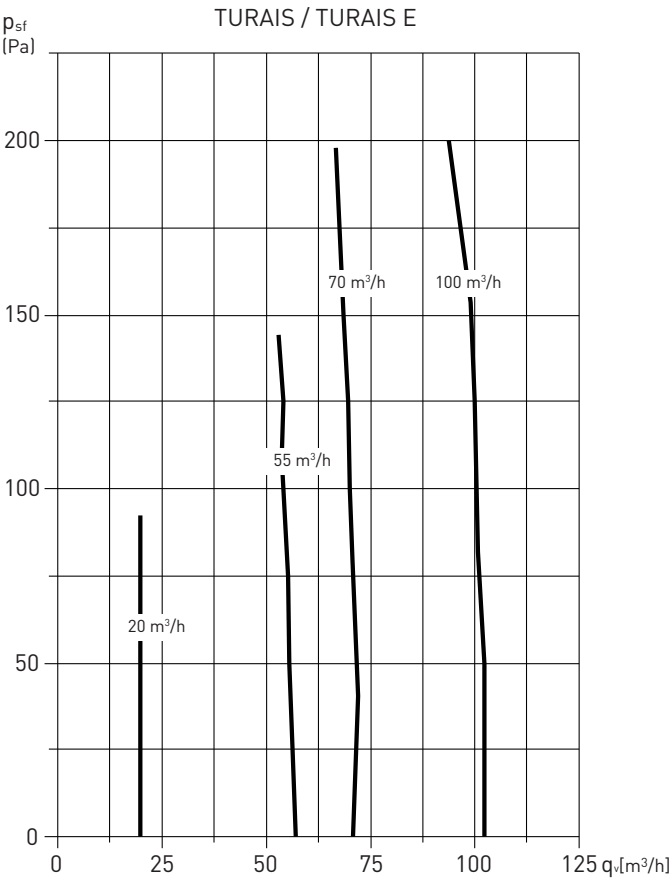
It is essential to check that the electrical characteristics (voltage, current, frequency, etc.) which appear on the plaque are compatible with those of the installation.

Model	Outdoor air connections	Electrical supply	Max. airflow (m³/h)	Max. power (W)	Energy efficiency (%)	Sound pressure level at 1,5 m (dB(A))	Peso (kg)
TURAIS	2 x Ø100 mm	230V / 50 Hz	100	40	86	30	12
TURAIS E	2 x Ø100 mm	230V / 50 Hz	100	37	78	30	12

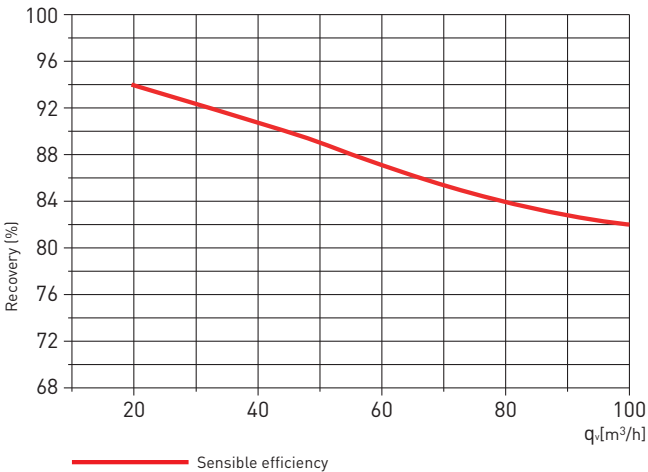
* According to EN 13141-8

PERFORMANCE CURVES

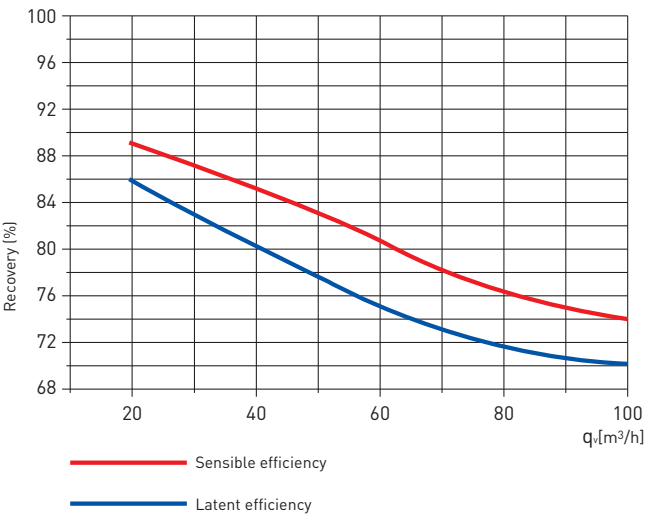
According to EN 13141-8



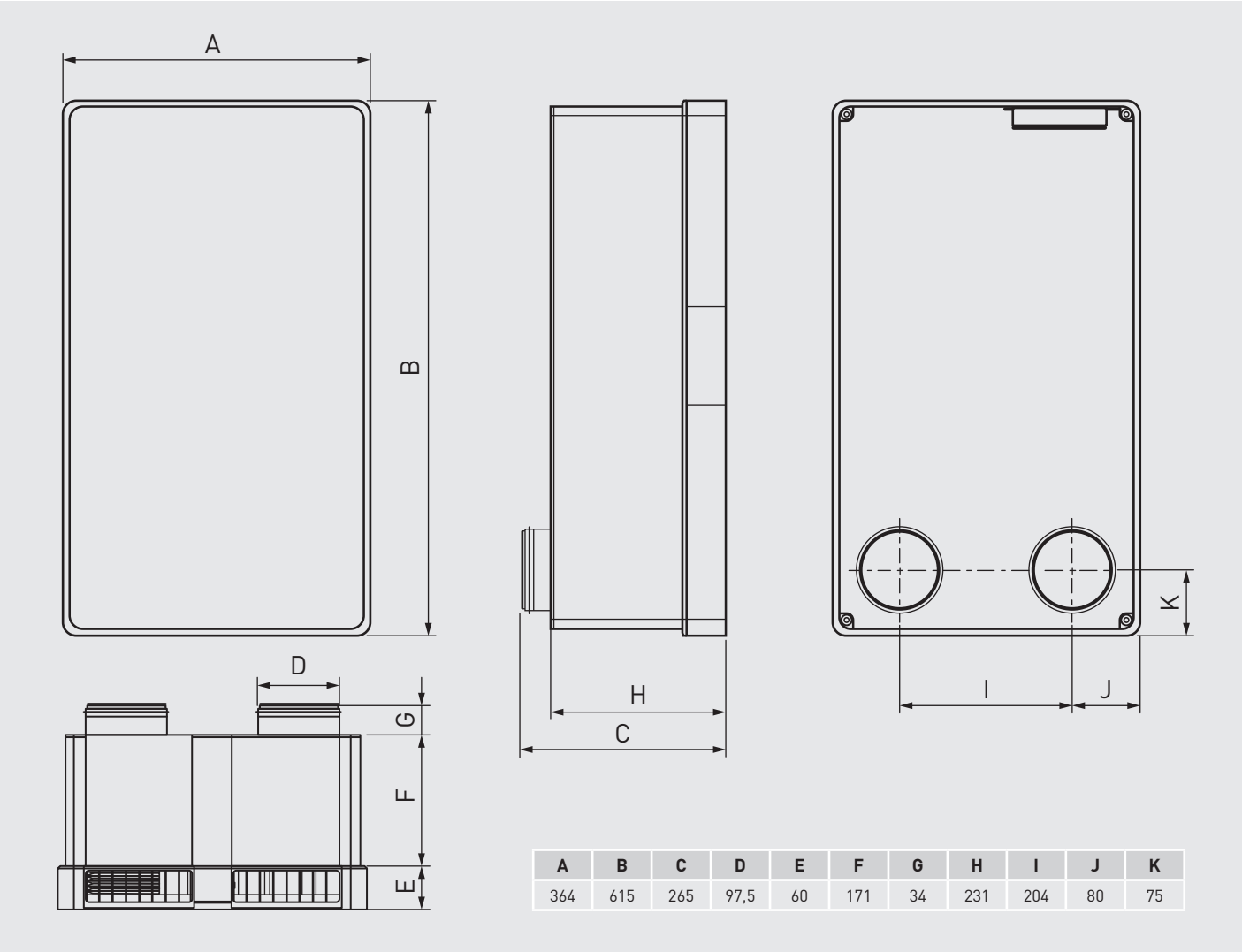
ENERGY EFFICIENCY TURAIS



ENERGY EFFICIENCY TURAIS E



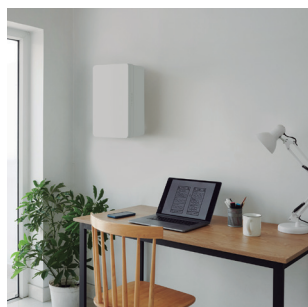
DIMENSIONS (mm)



INSTALLATION OPTIONS

1. SURFACE MOUNTED

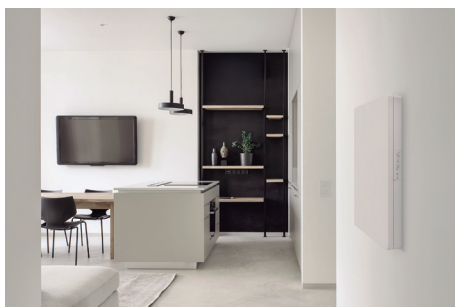
Ideal for renovations.
No ductwork required.
Supply and extract in a
single room.



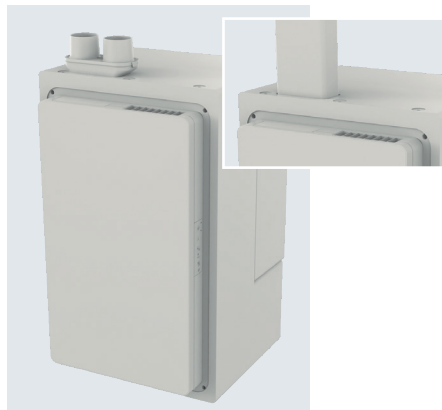
1. SEMI-INTEGRATED

Suitable for both new builds and renovations. 90% of the unit is recessed into the wall. Optional remote extraction from interior bathrooms.

Single room extraction and supply

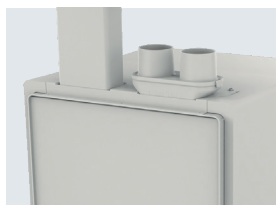
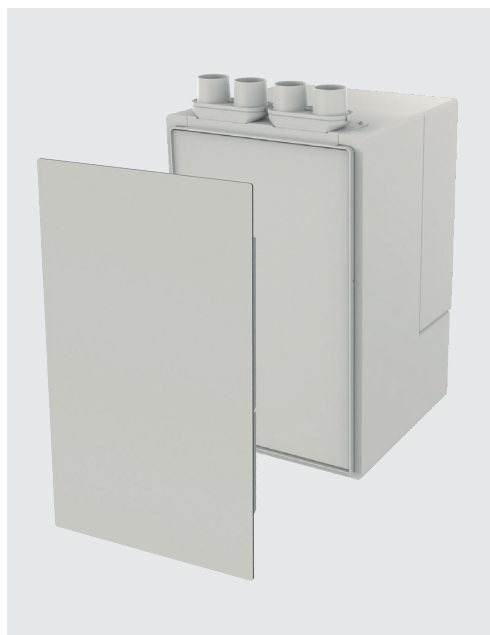


Remote extraction – room supply



2. FULLY INTEGRATED

Suitable for both new builds and renovations. Designed for seamless integration into walls. Perfect for architects and designers seeking a discreet solution. Remote extraction and supply.



ACCESSORIES



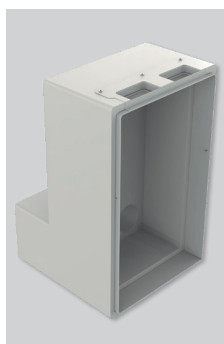
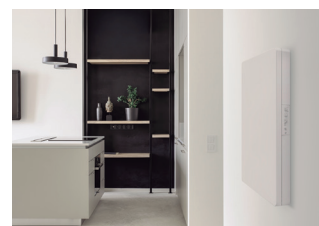
EPS Box semi-integration (5800125300 TUR-MBS)

EPS Box for wall integration, leaving only the front cover visible. Compact and discreet installation.

Enables supply and extract ventilation in a single room, with optional remote extraction through circular or rectangular ducts installed under the wall surface.

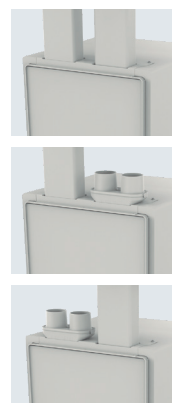
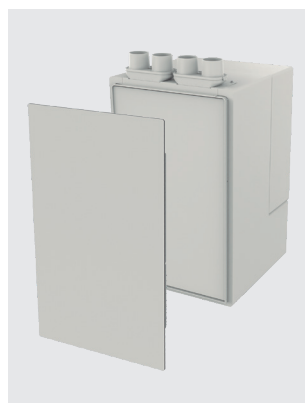


Examples:

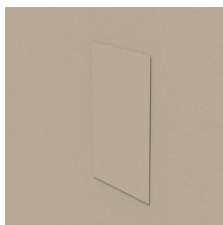
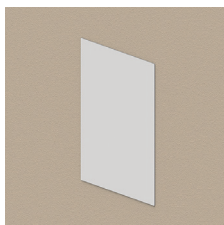
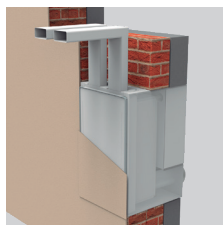


EPS Box full integration (5800125500 TUR-MBF)

EPS Box for full wall integration. The unit is concealed behind a decorative wall panel (sold separately).



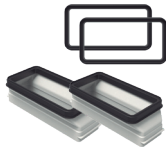
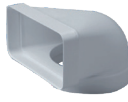
Examples:



El panel decorativo es pintable. Se suministra en color blanco por defecto.



OTHER ACCESSORIES

	Reference code 5800125600 TUR-MBEF	Description EPS Filler: Additional insulation for EPS Boxes. Especially recommended in new construction.		Reference code 5416836300 TUBREC MR 100	Description Duct connector 110x55 mm. For direct connection of rectangular ducts.
	5800125700 TUR-WDP	Wall panel (full integration).		5800126300 TUR-AD1155	Kit includes two adapters and two additional rubber seals.
	5800125800 TUR-RC-A RF	Kit includes receiver antenna and RF remote control. Highly recommended for fully integrated installations.		5800126500 TUR-ADD75	Air connection for corrugated duct (2x ø75mm connection). Includes adapter with rubber seal.
	AIRSENS RF	Intelligent sensors available in different reading modes (CO ₂ , VOC and RH). Compatible with TUR AIS only if the RF Kit has been installed (TUR-RC-A RF)		5800049700 BFC 90/75	Lid to close one of the connectors of TUR-ADD75.
	5800125900 TUR-SPCM	Communication module. Control your ventilation system via the CONNECTAIR App.		5800126400 TUR-LID	Closure lid (semi-integration, remote extraction). Kit includes one closure lid to block room extraction and one rubber seal.
	5800126000 TUR-PH	Preheating module to be integrated inside the unit. Ensures proper operation during extremely cold outdoor conditions.		5800010600 MVD75	Corrugated circular duct ø75mm (L = 50 meters).
	5800126100 TUR-D100L5	1 x ø100mm and 500mm long duct for outdoor connection.		5800092100 FT-SR PB AD 1X75/125	Connector between 1 x ø75mm duct and 1 x ø125mm air valve. Max 45 m³/h.
	5800126200 TUR-D100L7	1 x ø100mm and 700mm long duct for outdoor connection.		5800127400 FT SR PB AD 2X75/125	Connector between 2 x ø75mm duct and 1 x ø125mm air valve. Max 90 m³/h.
	5416836200 TUBREC TR 100 1.5	1,5 m long rectangular duct (profile 110 x 55 mm).		5209385200 BDO-125	Air valve suitable for both supply and extraction. Ø125 mm.
	5416836700 TUBREC CRH90 100	90° turn horizontal. For rectangular duct only (110 x 55 mm).		5800126600 TUR-OCW	Kit includes two white outdoor grilles.
	5416836600 TUBREC CRV90 100	90° turn vertical. For rectangular duct only (110 x 55 mm).		5800126700 TUR-OCA	Kit includes two anthracite outdoor grilles.
	5416836500 TUBREC CMH 100	90° turn vertical to DN100. For rectangular duct only (110 x 55 mm).			