

QAB AIR HANDLING UNIT

REC Indovent RT250/400S-EC-RS

Air handling unit:

The Air handling unit is a counter-flow exchanger without "cold corners"

By using a counter-flow heat exchanger we ensure that air leakage between used and fresh air does not occur.

The casing is made of double hot galvanised sheet metal with 30 mm insulation between the sheets. RT250/400S-EC-RS has a condensation water outlet at the bottom. EC fans with external rotor motor. RT250/400S-EC-RS is equipped with an automatic summer by-pass with cooling recovery that optimizes heat recovery during winter and summer, including night cooling function.

Control functions:

Alarm output

Automatic bypass with recovery of cool air (Continuously stepless 0-100%)

Night cooling

Individually adjustable airflow Minimum/Normal/Eco/Boost/Max

Modbus or EXOline (RS485)

Options

- After-heater battery electrical (reinforced) 1,8 kW, built-in EVB 1,8
- After-heater water coil, built in (incl. 2 way valve and 0-10V actuator) EVBV
- After-heater water coil (reinforced), built-in (incl. 2 way valve and 0-10V actuator) EVBV2
- Cooling coil, external (incl. 2 way valve and 0-10V actuator) EKB
- Cooling coil (reinforced), external (incl. 2 way valve and 0-10V actuator) EKB2
- Condensation boiler, built-in KAVK
- Outdoor air damper with spring return SPM160

- ECO2 Control system (Only for room or exhaust air control) ECO2
 - Modes for cooker hood and stove/fireplace compensation
 - Mode for energy saving
 - Advanced night cooling

- Fireplace compensation incl. timer and switch BRAS
- Protection class IPX5 IPX5
- Remote panel (with or without display)
- Web connection REC Live
- Top cover for lining TOPP
- Fire function

Technical specification:

Airflow Supply/Extract:	X/X l/s
External pressure Supply/Extract:	X/X Pa
SFP	kW/m ³ /s
Dimensions (WxDxH)	430x620x1900 mm