

QAB AIR HANDLING UNIT

REC Indovent Blue 4

Air handling unit:

REC Temovex Blue 4 has dual counter-flow heat exchangers that are connected in parallel to provide high efficiency, not only at a specific point but over a wide flow range. By using a counter-flow heat exchanger you ensure that air leakage between used and fresh air does not occur. The new dual counter-flow exchanger has a triangular channel structure without "cold corners". Defrosting through bypass control or stop defrosting. 160 mm top connections. The air handling unit is qualified for passive buildings. REC Temovex Blue 4 has a condensation water outlet at the bottom. EC fans with external rotor motor and automatic summer bypass. The control system also utilizes cool air recovery during hot summer days.

Control functions:

Alarm output

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

Night cooling

Individually adjustable 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)	485x620x1940 mm