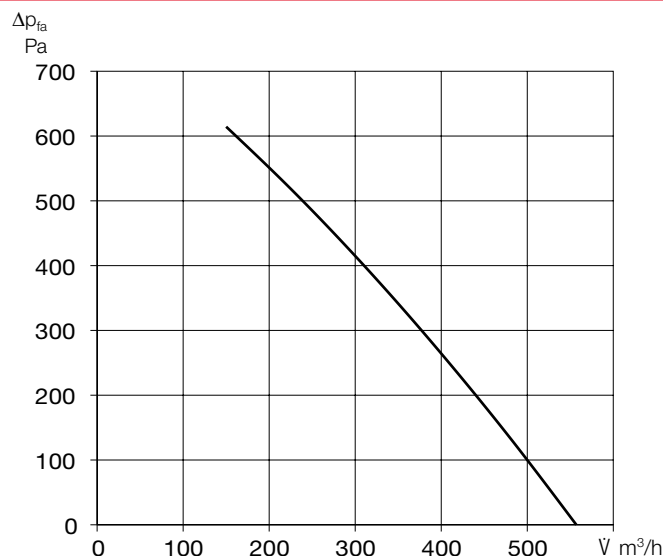


KWL YOGA Style 400



Performance curve KWL YOGA Style 400



Decentralised compact ventilation units with heat recovery for the supply and extract ventilation of individual rooms, such as classrooms, recreation rooms, offices, commercial units, medical practices and many more. Equipped with highly-efficient aluminium heat exchangers and energy-saving EC motors. Automatic shutters for intake and exhaust prevent cold draughts when the fans are deactivated. The flow-optimised supply air grille allows draught-free ventilation, even in large rooms, through the optimal use of the Coanda effect. Includes a touch control element for easy operation and configuration of unit functions.

■ Casing

Made of galvanised steel sheet, the casing parts are painted white/ powder-coated. The double-walled unit casing is equipped with 40 mm thermal and sound insulation on all sides. Easy installation and maintenance due to large inspection panel.

■ Installation

Ceiling installation is carried out using the vibration-damping fastening elements included in the scope of delivery.

■ Heat exchanger

Large aluminium cross counterflow heat exchanger with up to 90 % heat recovery efficiency. Dismantling is possible in a few steps. Types "ET" are equipped with highly efficient enthalpy heat exchanger for additional humidity recovery of up to 50 %.

■ Fans

Two low-noise, high-performance EC fans with backward curved impellers for high energy efficiency.

■ Sensor system

Integrated CO₂ sensor system. Alternatively, this can be replaced by an external sensor (VOC, CO₂ or humidity) positioned in the room. KWL Yoga can also be controlled with a motion sensor (combination not possible!) instead of the sensors.

■ Air flow

Supply air on front side, two extract air openings on the underside of the unit. Intake and exhaust air connectors are equipped with spring-loaded shutters.

■ Condensate connection

Condensate connection horizontal (wall side), optionally via ball siphon in surface-mounted or flush-mounted design or via condensate pump.

■ Air filter, VDI-certified

Clean intake air flow via ISO ePM₁ 60% filter (F7). Two filters for extract air: ISO Coarse 60% (G4); optionally available: ISO ePM₁₀ 60% (M5).

■ Summer operation

Equipped with automatic bypass function (bypassing the heat exchanger to use the cool night air for controlling the room temperature) as standard.

	Without electrical preheater/ without electrical after-heater	Without electrical preheater/ with electrical after-heater	Without electrical preheater/ with warm water after-heater	With electrical preheater/ without after-heater	With electrical preheater/ with electrical after-heater	
	KWL YOGA Style 400 Ref. no. 40008	KWL YOGA Style 400 EN Ref. no. 40010	KWL YOGA Style 400 WW Ref. no. 40012	KWL YOGA Style 400 EV Ref. no. 40014	KWL YOGA Style 400 EV/EN Ref. no. 40016	
	KWL YOGA Style 400 ET Ref. no. 40667	KWL YOGA Style 400 EN ET Ref. no. 40668	KWL YOGA Style 400 WW ET Ref. no. 40669	KWL YOGA Style 400 EV ET Ref. no. 40670	KWL YOGA Style 400 EV/EN ET Ref. no. 40671	
Intake/exhaust air connector diameter	250	250	250	250	250	
Air volume V m³/h (Min. - Max.)	200 - 600	200 - 600	200 - 600	200 - 600	200 - 600	
Radiation L _{PA} dB(A) in 1 m / 3 m (at 0 Pa)						
- 150 m³/h	26 / 20	26 / 20	26 / 20	26 / 20	26 / 20	
- 200 m³/h	28 / 22	28 / 22	28 / 22	28 / 22	28 / 22	
- 300 m³/h	31 / 25	31 / 25	31 / 25	31 / 25	31 / 25	
- 560 m³/h	38 / 32	38 / 32	38 / 32	38 / 32	38 / 32	
Maximum power consumption total (incl. control) W	350	1850	350	1850	3350	
Rated current total (incl. control) A	2.45	9.0	2.45	9.0	15.51	
Voltage / frequency	1~, 230 V, 50 Hz	1~, 230 V, 50 Hz	1~, 230 V, 50 Hz	1~, 230 V, 50 Hz	1~, 230 V, 50 Hz	
Protection category IP	20	20	20	20	20	
Temperature operating range °C	-10 to +40	-10 to +40	-10 to +40	-20 to +40	-20 to +40	
Installation temperature °C	+5 to +40	+5 to +40	+5 to +40	+5 to +40	+5 to +40	
Weight approx. kg	167	169	169	169	171	
Wiring diagram no.	1500	1500	1500	1500	1500	

