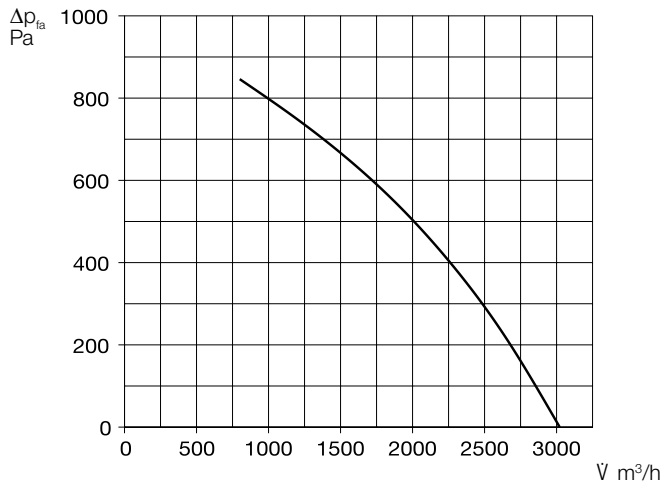


Performance curve KWL EC 2600 S

Frequency	Hz	Tot.	125	250	500	1k	2k	4k	8k
L _{WA}	Extract air	dB(A)	62	52	58	56	54	49	43
L _{WA}	Supply air	dB(A)	77	67	69	69	72	67	60
L _{PA} at 1 m	Radiation	dB(A)	52	37	48	46	43	36	23


Included in delivery:
Surface comfort control element

User-friendly control via self-explanatory graphic elements with clear text directly on the touchscreen. Control line (10 metres) included in delivery, other lengths available (ALB EC-SK, accessories).
 Dim. mm (WxHxD) 115 x 80 x 25



Control element with connection cable (10 m) included in the scope of delivery.
 Dim. mm (WxHxD) 115 x 80 x 25

Accessories for Type Pro WW
Hydraulic unit
WHSH HE 24 V (0-10 V) No. 08318

Controls the water temperature of the PWW heating element using a three-way valve actuator 24 V (0-10 V) and thus the heat output transferred to the air. Delivered as a complete unit, incl. VL-/RL temperature display, circulating pump and flexible connection hoses.


Accessories for all types
Room sensor – Air quality

AIR1/KWL-VOC 0-10V No. 20250

AIR1/KWL-CO2 0-10V No. 20251

AIR1/KWL-FTF 0-10V No. 20252

For measuring the CO₂, mixed gas (VOC) concentration or relative room air humidity. A maximum of one sensor can be connected.
 Dim. mm (W x H x D) 85 x 85 x 27


Room sensor – Temperature

TFR-ALB/KWL No. 07277

For measuring the room temperature and controlling the ventilation unit according to the set value. Incl. 20 m control line. Maximum total of one sensor can be connected.
 Dim. mm (W x H x D) 80 x 80 x 25


Transition piece – Symmetrical

KWL-ÜS 2600 S No. 08341

From unit flange to round duct systems.

Flexible connecting sleeve

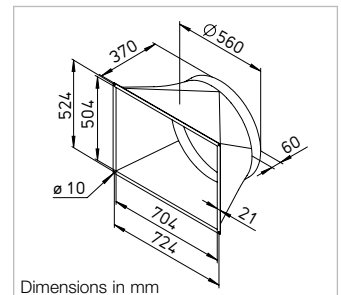
FM 560 No. 01679

For acoustic decoupling, incl. 2 pcs. hose clamps.

Duct shutter, motorised

RVM 560 No. 02583

Prevents cold draughts when the unit is at a standstill. Automatic function through fan operation, with mounted spring return motor (outside of air flow). Installation in any position.



Dimensions in mm

Angle flange ring

FR 560 No. 01209

Made of galvanised steel sheet, for duct connection.

Base cover

KWL-SB 2600 S No. 09318

Made of galvanised steel sheet.



Technical data	KWL EC 2600 S			KWL EC 2600 S, with warm water post-heater		
	Type	Ref. no.		Type	Ref. no.	
For floor-standing installation	KWL EC 2600 S Pro	08331		KWL EC 2600 S Pro WW	08332	
Flow rate at level¹⁾	③	②	①	③	②	①
Supply air/extract V m³/h approx.	2065	1450	840	2065	1450	840
Noise dB(A) at 2100 m³/h and 275 Pa						
Supply air L _{WA} (sound power)	77	n/a	n/a	77	n/a	n/a
Extract air L _{WA} (sound power)	62	n/a	n/a	62	n/a	n/a
Radiation L _{PA} at 1 m	52	n/a	n/a	52	n/a	n/a
Power consumption fans 2xW	450	295	175	450	295	175
Standby power consumption	< 1 W			< 1 W		
Voltage/Frequency	3N~, 400 V, 50 Hz			3N~, 400 V, 50 Hz		
Rated current A – Ventilation	2.3 / 2.3 / 2.3			2.3 / 2.3 / 2.3		
– Preheating	10.05 / 10.05 / 10.05			10.05 / 10.05 / 10.05		
– max. total	12.35 / 12.35 / 12.35			12.35 / 12.35 / 12.35		
Electric preheater kW	6.8			6.8		
Heat output/post-heating element kW	–			9.3 (at 60/40 °C) / 8.5 (at 50/40 °C) / 5.3 (at 40/30 °C)		
Summer bypass	automatic (adjustable), with heat exchanger cover			automatic (adjustable), with heat exchanger cover		
Wiring diagram no.	1370			1370		
Temperature operating range	–20 °C to +40 °C			–20 °C to +40 °C		
Installation temperature	+5 °C to +40 °C			+5 °C to +40 °C		
Connection PWW heating element	–			IG 1/2"		
Weight approx. kg	490			500		

¹⁾ Values based on operating ranges defined according to PHI (Passive House Institute).