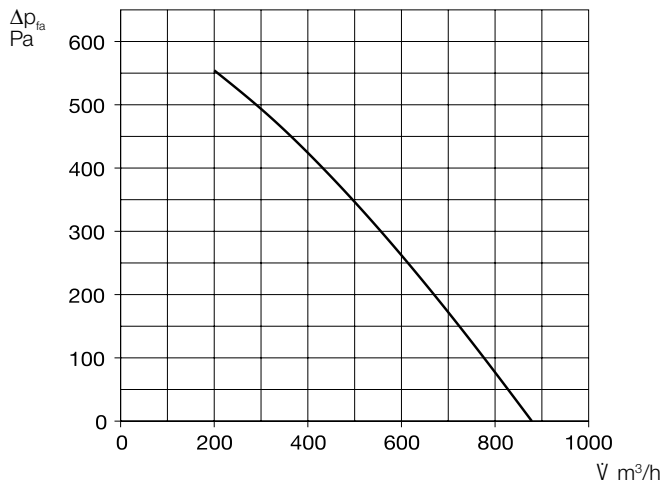


**Performance curve KWL EC 800 S**

Frequency	Hz	Tot.	125	250	500	1k	2k	4k	8k
$L_{WA}$	Extract air	dB(A)	70	65	68	54	49	43	35
$L_{WA}$	Supply air	dB(A)	78	76	73	67	63	55	55
$L_{PA}$ at 1 m	Radiation	dB(A)	54	50	50	42	42	41	31


**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) 115x80x25



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 CO<sub>2</sub>, 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 800 S** No. 08339

From unit flange to round duct systems.

**Flexible connecting sleeve**

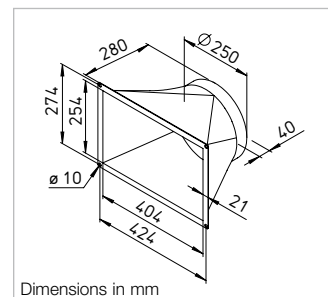
**FM 250** No. 01672

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

**Duct shutter, motorised**

**RVM 250** No. 02576

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 250** No. 01203

Made of galvanised steel sheet, for duct connection.


**Base cover**

**KWL-SB 800 S** No. 09315

Made of galvanised steel sheet.

Technical data	KWL EC 800 S			KWL EC 800 S, with warm water post-heater		
	Type		Ref. no.	Type		Ref. no.
<b>For floor-standing installation</b>	<b>KWL EC 800 S Pro</b>		08327	<b>KWL EC 800 S Pro WW</b>		08328
<b>Flow rate at level<sup>1)</sup></b>	③	②	①	③	②	①
Supply air/extract V m³/h approx.	600	490	325	600	490	325
<b>Noise dB(A) at 620 m³/h and 195 Pa</b>						
Supply air $L_{WA}$ (sound power)	78	n/a	n/a	78	n/a	n/a
Extract air $L_{WA}$ (sound power)	70	n/a	n/a	70	n/a	n/a
Radiation $L_{PA}$ at 1 m	54	n/a	n/a	54	n/a	n/a
Power consumption fans 2xW	140	94	65	140	94	65
Standby power consumption	< 1 W			< 1 W		
Voltage/Frequency	1~, 230 V, 50 Hz			1~, 230 V, 50 Hz		
Rated current A – Ventilation	3.0			3.0		
– Preheating	11.0			11.0		
– max. total	14.0			14.0		
Electric preheater kW	2.4			2.4		
Heat output/post-heating element kW	–			2.8 (at 60/40 °C) / 2.6 (at 50/40 °C) / 1.6 (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	172			175		

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