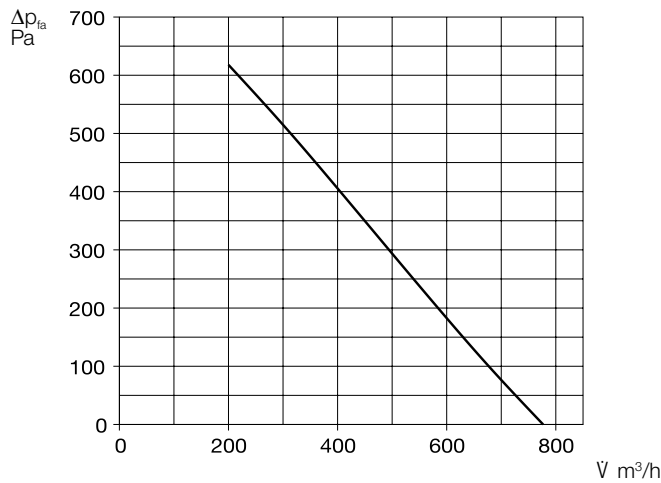


Performance curve KWL EC 700 D

Frequency	Hz	Tot.	125	250	500	1k	2k	4k	8k
L _{WA}	Extract air	dB(A)	53	46	49	47	41	40	34
L _{WA}	Supply air	dB(A)	68	54	65	63	59	53	48
L _{PA} at 1 m	Radiation	dB(A)	47	33	41	43	41	35	29


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 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 700 D No. 04206

From unit flange to round duct systems.

Flexible connecting sleeve

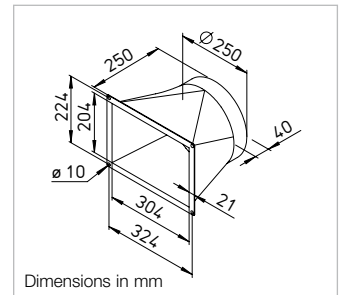
FM 250 No. 01672

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.


Angle flange ring

FR 250 No. 01203

Made of galvanised steel sheet, for duct connection.



Technical data	KWL EC 700 D			KWL EC 700 D, with warm water post-heater		
For ceiling installation	Type	Ref. no.		Type	Ref. no.	
	KWL EC 700 D Pro	04171		KWL EC 700 D Pro WW	04172	
Flow rate at level¹⁾	③	②	①	③	②	①
Supply air/extract air V m³/h approx.	510	330	210	510	330	210
Noise dB(A)²⁾						
Supply air L _{WA} (sound power)	68	64	55	68	64	55
Extract air L _{WA} (sound power)	53	47	37	53	47	37
Radiation L _{PA} at 1 m	47	n/a	n/a	47	n/a	n/a
Power consumption fans 2 x W	110	60	38	110	60	38
Voltage/Frequency	230 V~, 50 Hz			230 V~, 50 Hz		
Rated current A – Ventilation	2.3			2.3		
– Preheating	12.0			12.0		
– max. total	14.3			14.3		
Heat output/Postheater kW	–			2.3 (at 60/40 °C) / 2.1 (at 50/40 °C) / 1.3 (at 40/30 °C)		
Electric preheater kW	2.6			2.6		
Summer bypass	automatic			automatic		
Wiring diagram no.	1370			1370		
Temperature operating range	–20 °C to +40 °C			–20 °C to +40 °C		
Connection PWW heating element	–			IG 1/2"		
Weight approx. kg	110			115		

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

²⁾ At 100 Pa.