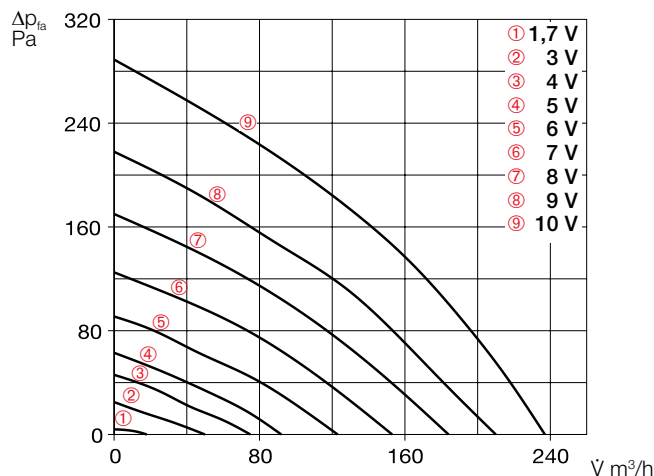


KWL EC 200 W

Frequency	Hz	Total	125	250	500	1k	2k	4k	8k
LWA Extract air	dB(A)	45	36	33	32	37	30	25	17
LWA Supply air	dB(A)	45	36	33	32	37	30	25	17
LPA Emission	dB(A)	43	37	37	38	40	36	28	19


Slide switch controller
Type KWL-BE Ref. no. 04265

Three speed slide switch incl. operation display, for flush installation. Function see on the left. Control line SL 6/3 (length = 3 m) included in delivery, other lengths (SL 6/..., accessories) available for order.

Dim. mm (W x H x D) 80 x 80 x 37

Casing for surface installation
Type KWL-APG Ref. no. 04270

Dim. mm (W x H x D) 83 x 83 x 41


Comfort controller
Type KWL-BEC Ref. no. 4263

With graphic display, for flush installation. Function see on the left. Up to 8 pcs. can be installed. Control line SL 4/3 (length = 3 m) included in delivery, other lengths (SL 4/..., accessories) available for order.

Dim. mm (W x H x D) 80 x 80 x 37

Casing for surface installation
Type KWL-APG Ref. no. 04270

Dim. mm (W x H x D) 83 x 83 x 41



Technical data	With polymer heat exchanger					With enthalpy heat exchanger					
	Type	Ref. no.				Type	Ref. no.				
Right-hand version	KWL EC 200 W R	04220				KWL EC 200 W ET R	04221				
Left-hand version	KWL EC 200 W L	04222				KWL EC 200 W ET L	04223				
Air flow volume on step ^{1) 2)}	Supply/extract air V m³/h	235	180	120	75	20	235	180	120	75	20
Sound dB(A) ³⁾		235	180	120	75	20	235	180	120	75	20
Supply air L _{WA} (sound power level)		45	40	34	29	28	45	40	34	29	28
Extract air L _{WA} (sound power level)		45	40	33	29	28	45	40	33	29	28
Emission L _{PA} in 1 m		43	38	30	< 25 < 25		43	38	30	< 25 < 25	
Fan power consumption 2xW ¹⁾		49	26	15	9	6	49	26	15	9	6
Voltage/Frequency	1~, 230 V, 50 Hz										
Rat. cur.A	— ventilation	1.0									
	— pre-heater	4.4									
	— max. total	1.0 (5.4 incl. pre-heater, accessories)									
Electric pre-heater kW	1.0 kW (accessories)										
Summer bypass	automatic (adjustable), with exchanger cover										
Wiring Diagram no.	1042										
Temperature operation range	–20 °C to +40 °C										
Set-up temp.	+5 °C to +45 °C (90% rel. hum., non-condensing)										
Weight approx. kg	41										

¹⁾ At 0 Pa, optional speed steps adjustable.

²⁾ Volume reduction by approx. 10% when using F7 filter.

³⁾ At 100 Pa, sound levels increase with increasing system pressure.

KNX/EIB module
Type KWL-KNX Ref. no. 04275

Allows the connection of the ventilation unit to a KNX/EIB central building control system. For switchboard installation (1 space unit required).

Adapter board
Type KWL-RJ10 KL No. 04277

Adapter from ribbon cable to wires or cables. For connection of KNX module and RJ10 control line.

Room sensor
Type KWL-CO₂ Ref. no. 04272

Type KWL-FTF Ref. no. 04273

Type KWL-VOC Ref. no. 04274

Measures CO₂, mixed gas (VOC) concentration or relative humidity. Max. of 8 sensors each can be connected, control according to respective highest measured value. Incl. control line SL 4/3 (length = 3 m), other lengths (SL 4/..., accessories) available for order. Dim. mm (W x H x D) 95 x 97 x 30

Electric pre-heater battery
KWL-EVH 200 W No. 04224

Electric pre-heating for simple, plugin device installation. Allows the pre-heating of the intake air at very low outside temperatures (heat exchanger frost protection). Mandatory for passive houses. Power: 1000 W.

Extension module
Type KWL-EM Ref. no. 04269

For controlling external shutters and/or heater batteries. Incl. temperature sensor KWL-LTK and control line KWL-SL 4/3. Dim. mm (WxHxD) 210x210x100

Electric aux. heater battery

For additional supply air heating.

EHR-R 1,2/125 Ref. no. 09433

Duct temperature sensor
KWL-LTK (1 pc. required) No. 09644

Water heater battery

For additional supply air heating.

Type WHR 125 Ref. no. 09480

Duct temperature sensor
KWL-LTK (2 pcs. req.) No. 09644

Hydraulic unit
WHS HE 24 V (0-10V) No. 08318

Alternative:

Air temperature control
WHST 300 T38 Ref. no. 08817

Replacement air filter

– 2 pcs. **G4 filter**

ELF-KWL 200/4/4 No. 00021

– 1 pc. **F7 filter**

ELF-KWL 200/7²⁾ No. 00038

– 1 pc. **activated carbon filter**

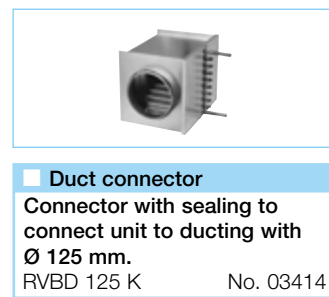
ELF-KWL 200 AK No. 04198

Note
Enthalpy heat exchanger

(accessories) for additional

refitting:

Type KWL-ET 200 No. 00896



Other accessories	Page
KWL® peripherals	46 ff.
– Undersoil heat exch.	52 ff.
– Insulated duct system	56 f.
– Air distribution systems	60 ff.
– Control lines, etc	70 f.
Heater battery, control, grilles, ducting, roof terminations, extract air elements, design valves	

Main Helios Catalogue