KWL-KS WE



Flush-mounted/wall-mounted siphon

Flush-mounted condensate siphon for ventilation units, for odourless discharge of condensate in the sewage system. Desiccation-safe and cleanable by removing siphon cartridge. Incl. plug-in seal (rubber) for Ø 20 – 32 mm. Vertical outlet connector DN32. Structural protection can be cut to installation depth. Incl. odour barrier, pursuant to EN 681, DIN 19541.

Technical data	**KWL-KS WE** Ref. no. 40064
Material	Polypropylene (PP) and ABS
Drainage capacity l/s	0.15
Min. - max. duct length (feed) in m	0.2 – 3.5
Minimum installation depth in mm	60
Condensate line connection	External Ø 20 – 32 mm / Internal Ø 18 mm
Dimensions (L x W x H) in mm	110 x 110 x 60
Weight approx. kg	0.25

KWL-KS



Ball-tube siphon

Ball-tube siphon for ventilation units, for odourless discharge of condensate in the sewage system. Desiccation-safe. Incl. plug-in seal (rubber) for Ø 9 – 29 mm. Horizontal outlet connector DN40.

Technical data	**KWL-KS** Ref. no. 40065
Material	Polypropylene (PP)
Drainage capacity l/s	0.6
Drain connection	DN40

KWL-KP-I



Condensate submersible pump

Condensate pump for unit-integrated use in ventilation units, if the condensate connection with a downward slope to a waste water pipe is not possible. The submersible pump is placed directly in the condensate pan. The maximum flow rate is 12 l/h at 0 m delivery height. 9 l/h at 5 m delivery head. Protection class: IP68. Incl. alarm circuit.

KWL-KP-I	Ref. no. 40472

WHSH HE 24 V (0-10V)



Hydraulic unit

Controls the water temperature of the PWW heater element by means of three point valve actuator 24 V (0-10 V) and thus the thermal output which is conveyed to the air. Delivered as complete unit, incl. flow/return temperature display, circulation pump and flexible connecting pipes.

WHSH HE 24V (0-10V)	Ref. no. 08318

ALB EC-SK



Control line cable

ALB EC-SK 20 20m	Ref. no. 06816
ALB EC-SK 40 40m	Ref. no. 06817

8-pin AWG24 twisted pair cable for the control element.

AIR1/KWL-VOC 0-10V / -CO2 0-10V / -FTF 0-10V

Room sensor

For measuring the CO_2, mixed gas (VOC) concentration or relative humidity. Dim. mm (W x H x D) 85 x 85 x 27

VOC sensor for measuring the mixed gas concentration (VOC).

AIR1/KWL-VOC 0-10V	Ref. no. 20250

CO_2 sensor for measuring the CO_2 concentration.

AIR1/KWL-CO2 0-10V	Ref. no. 20251

Humidity-temperature sensor for measuring the relative air humidity.

AIR1/KWL-FTF 0-10V	Ref. no. 20252

BWM



Infrared motion sensor

Motion sensor for detecting the presence of people in the room. Wall installation (surface mounted) (cable entry at top or bottom) or installation in flush-mounted box Ø 55 mm (cable entry at back).

Technical data	**BWM** Ref. no. 08323
Material casing	ABS plastic, white (similar RAL 9010)
Protection class	III
Protection category	IP30
Electrical connection	0.14 – 1.5 mm² (screw terminals)
Dimensions in mm (W x H x D)	85 x 85 x 27

FGR



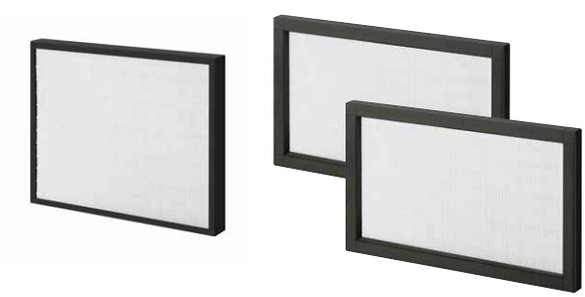
Facade grille, circular

For flush covering of ventilation openings on the facade. Can be used for circular outdoor and exhaust air ducts. Two holes in the pipe spigot allow secure fastening with screws, to be provided by customer.
Solid aluminium construction. Fixed blades with stainless steel wire mesh behind, mesh size 10 x 10 mm.

FGR 250	Ref. no. 40181
FGR 315	Ref. no. 40182

For more information, see page 134.

ELF-KWL YOGA



Intake air filter — Extract air filter*

Filter, VDI-certified

Spare air filter (extract air)* ISO Coarse 60 % (G4). Unit = 1 pc.

ELF-KWL YOGA 400/VDI/Coarse 60%	Ref. no. 40687
ELF-KWL YOGA 700/VDI/Coarse 60%	Ref. no. 40688
ELF-KWL YOGA 1000/VDI/Coarse 60%	Ref. no. 40689

Spare air filter (extract air)* ISO ePM_{10} 60 % (M5). Unit = 1 pc.

ELF-KWL YOGA 400/VDI/ePM10 60%	Ref. no. 40690
ELF-KWL YOGA 700/VDI/ePM10 60%	Ref. no. 40691
ELF-KWL YOGA 1000/VDI/ePM10 60%	Ref. no. 40692

Spare air filter (intake air) ISO ePM_1 60 % (F7). Unit = 1 pc.

ELF-KWL YOGA 400/VDI/ePM1 60%	Ref. no. 40693
ELF-KWL YOGA 700/VDI/ePM1 60%	Ref. no. 40694
ELF-KWL YOGA 1000/VDI/ePM1 60%	Ref. no. 40695

* 2 extract air filters are required per unit.

Attention: For spare air filters of older unit generations (orders before March 2023): Please contact us at export@heliosventilatoren.de