

Extract air elements



Design ventilation valves and disc valves

DLV: modern, square design, with closed front and integrated filter. Can be used for supply and extract air.
KTVA/MTVA: classic round shape, especially for extract air.

Supply air elements



Design ventilation valves and disc valves

DLV: modern, square design, with discreet supply air grille and integrated filter.
KTVZ/KTVZ: classic round shape, closed front, especially for supply air.
LGK 80: Ventilation grille made of white plastic. For insertion in 80 mm spiral ducts or FRS-VM 75.

Supply air-extract air valve ZAV



Supply air-extract air valve ZAV

Elegant plastic valve for wall and ceiling installation. Can be used as a supply air element with an open front grille and as an extract air element with a closed front grille.

Attachment filter element VFE



Attachment filter element VFE

For installation in front of disc valves for greasy, contaminated room air. Prevents grease and dirt deposits.
Casing made of galvanised steel sheet, white, plastic powder-coated. Filter made of dimensionally stable aluminium filter fabric with 324 cm² free filter surface and aluminium frame.

Door ventilation grilles



Door ventilation grilles

Unobtrusive, sight screening ventilation grille made of break-resistant plastic for installation in door leaf.

See product page for detailed description.

Cleaning set



Cleaning set for air distribution systems flexpipe and renopipe.

The universal cleaning set KWL-RS is ideally suitable for cleaning the flexpipe duct systems (DN 75, DN 63) and the renopipe air distribution system (DN 100). Application is possible either by pushing (for short distances) or pulling. In case of longer duct sections or narrow bends, the round nylon brush is simply pulled in the

Ø 80		Ø 100		Ø 125		Ø 160	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Design ventilation valve DLV¹⁾ for extract air							
	DLV 100	03039	DLV 125	03049			
	ELF-DLV 100 ²⁾	03042	ELF-DLV 125 ²⁾	03058			
Plastic disc valve KTVA							
KTVA 75/80	00940	KTVA 100	00941	KTVA 125	00942	KTVA 160	00943
Metal disc valve for extract air (for areas where non-flammable components are compulsory)							
MTVA 75/80	08868	MTVA 100	08869	MTVA 125	08870	MTVA 160	08871

¹⁾ With integrated filter. ²⁾ Replacement air filter for DLV, unit = 5 pcs.

Ø 80		Ø 100		Ø 125		Ø 160	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Ventilation grille LGK, Design ventilation valve DLV for supply air							
LGK 80	00259	DLVZ 100	03040	DLV 125	03049		
				ELF-DLV 125 ¹⁾	03058		
Plastic disc valve KTVZ							
KTVZ 80	02762	KTVZ 100	02736	KTVZ 125	02737	KTVZ 160	02738
Metal disc valve for supply air (for areas where non-flammable components are compulsory)							
MTVZ 75/80	09603	MTVZ 100	09604	MTVZ 125	09605	MTVZ 160	09606

¹⁾ Replacement air filter for DLV 125, unit = 5 pcs.

Ø 80		Ø 100		Ø 125		Ø 160	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Plastic valve for supply and extract air ZAV							
ZAV 80	03079			ZAV 125	03080		

VFE 70 Ref. no. 02552

VFE 90 Ref. no. 02553

ELF/VFE Ref. no. 02554

Replacement air filter, unit = 2 pcs.

LTGW Ref. no. 00246

Made of plastic, white.

LTGB Ref. no. 00247

Made of plastic, brown.

direction of the distribution box, where the 90° bend is used for the intake connection. This is used to easily remove the dust loosened by the round nylon brush with a commercially available vacuum cleaner.

Delivered in a practical transport bag.
Delivery: Per 1 pc.
– Reel with flexible GFK wire (20 m)
– Round brushes DN 63, 75, 100
– 90° bend and seal for intake connection DN 56
– Adapter DN 56/40, DN 56/32.

KWL-RS Ref. no. 02797

Silencer SDE

Flexible duct silencer, made of aluminium duct, Length approx. 1 m, elastic

Ø 125		Ø 160		Ø 180	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
SDE 125	00789	SDE 160	00790	SDE 180	00499

Type	Best.-Nr.	Insulation mm	Insertion loss D _e dB at Hz						
			125	250	500	1000	2000	4000	8000
SDE 125	00789	50	32	42	45	46	50	42	41
SDE 160	00790	50	23	40	43	46	46	31	29
SDE 180	00499	50	20	39	43	47	46	28	29

Silencer FSD / RSD

Flexible cross talk silencer FSD, duct silencer RSD – Galvanised steel sheet

Ø 100		Ø 125		Ø 160		Ø 200		Ø 250		Ø 315		Ø 355		Ø 400	
—	FSD 125	00677	FSD 160	00678	FSD 200	00679	FSD 250	00680	FSD 315	00681	FSD 355	00682	FSD 400	00683	
—	—	—	—	—	—	—	RSD 250	08739	RSD 315	08745	RSD 355	08748	RSD 400	08751	

Type	Ref. no.	Dimensions in mm					Insertion loss D _e dB at Hz				Weight aprx. kg	Average loss
		L	Ø D	Ø d	a	l	250	500	1000	2000		
FSD 125	00677	1000	236	125	34	54	13	22	39	42	1.7	18
FSD 160	00678	1000	262	160	34	54	10	21	39	30	1.9	16
FSD 200	00679	1000	312	200	34	54	8	16	32	22	2.4	12

For further diameters and sound insulation data, see Helios main catalogue.

Shutters

Ø 100		Ø 125		Ø 160		Ø 200		Ø 250		Ø 315		Ø 355		Ø 400	
Cold smoke shutter															
KAK 100	04097	KAK 125	04098	KAK 160	04099	KAK 200	04100								
Duct shutters – Self-actuating or **motorised, installed in pipeline, casing made of galvanised steel sheet or *plastic															
RSKK* 100	05106	RSKK* 125	05107	RSK 160	05669	RSK 200	05074	RSK 250	05673	RSK 315	05674	RSK 355	05650	RSK 400	05651
								RVM** 250	02576	RVM** 315	02578	RVM** 355	02579	RVM** 400	02580
Flexible connecting sleeve – For acoustic decoupling, incl. 2 pcs. hose clamps															
FM 100	01681	FM 125	01682	FM 160	01684	FM 200	01670	FM 250	01672	FM 315	01674	FM 355	01675	FM 400	01676

Warm water heating element

Type	Ref. no.	Compatible with duct Ø mm	Air-side data					Water-side data ¹⁾			Compatible temperature control system	
			Heat output kW ¹⁾	kW ²⁾	Δ T air K ¹⁾	K ²⁾	at V m ³ /h	Pressure loss Δp _w kPa	with water volume l/h	Weight approx. kg	Type	Ref. no.
WHR 125	09480	125	2.6	1.1	29	13	250	2	115	3.2	WHST 300 T50	08820
WHR 160	09481	160	5.5	3.1	38	22	400	11	245	4.9	WHST 300 T50	08820
WHR 200	09482	200	7.2	4.1	33	19	600	17	317	4.9	WHST 300 T50	08820
WHR 250	09483	250	10.7	6.0	37	21	800	8	470	6.9	WHSH HE 24 V	08318
WHR 315	09484	351	18.3	10.4	36.2	21	1400	9	810	9.0	WHSH HE 24 V	08318
WHR 400	09524	400	26.2	15.0	36	21	2000	11	1060	12.5	WHSH HE 24 V	08318

Air temperature control

Air temperature control for KWL units with PWW post-heater.
 For air heating control of the PWW post-heater integrated in KWL WHW types. Consists of thermostat with remote adjustment and remote sensor. Simple, cost-effective and quick-to-install solution.
 Temperature range 8 – 38 °C.
WHST 300 T38 Ref. no. 08817

Air temperature control

Air temperature control for warm water heating element WHR.
Ideal for use as supply air heater.
 Consists of thermostat incl. duct temperature sensor (with 2 m capillary tube) and valve. Provides a constant supply air temperature. Simple, cost-effective and quick-to-install solution.
 Temperature range 20 – 50 °C.
WHST 300 T50 Ref. no. 08820

Hydraulic unit

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

WHR: The values apply for supply air temp. °C and flow/return temperatures: ¹⁾ 90/70 °C, ²⁾ 60/40 °C.