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.

Ø 80		Ø 100		Ø 125		Ø 160	
Type	**Ref. no.**	**Type**	**Ref. no.**	**Type**	**Ref. no.**	**Type**	**Ref. no.**
Design ventilation valve DLV [1] 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.

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.

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.

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.

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		

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.

VFE 70 Ref. no. 02552

VFE 90 Ref. no. 02553

ELF/VFE Ref. no. 02554
Replacement air filter, unit = 2 pcs.

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.

LTGW Ref. no. 00246
Made of plastic, white.

LTGB Ref. no. 00247
Made of plastic, brown.

Cleaning set



Cleaning set for air distribution systems flex*pipe* and reno*pipe*.
The universal cleaning set KWL-RS is ideally suitable for cleaning the **flex***pipe* duct systems (DN 75, DN 63) and the **reno***pipe* 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 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	Insertion loss D_e dB at Hz						
		mm	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



Flexible connecting sleeve



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



		Compatible with duct	Air-side data					Water-side data [1]		Weight	Compatible temperature control system	
			Heat output		Δ T air		at V̇	Pressure loss	with water volume			
Type	Ref. no.	Ø mm	kW [1]	kW [2]	K [1]	K [2]	m³/h	Δp_W kPa	l/h	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 WW 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. 0 °C and flow/return temperatures: [1] 90/70 °C, [2] 60/40 °C.