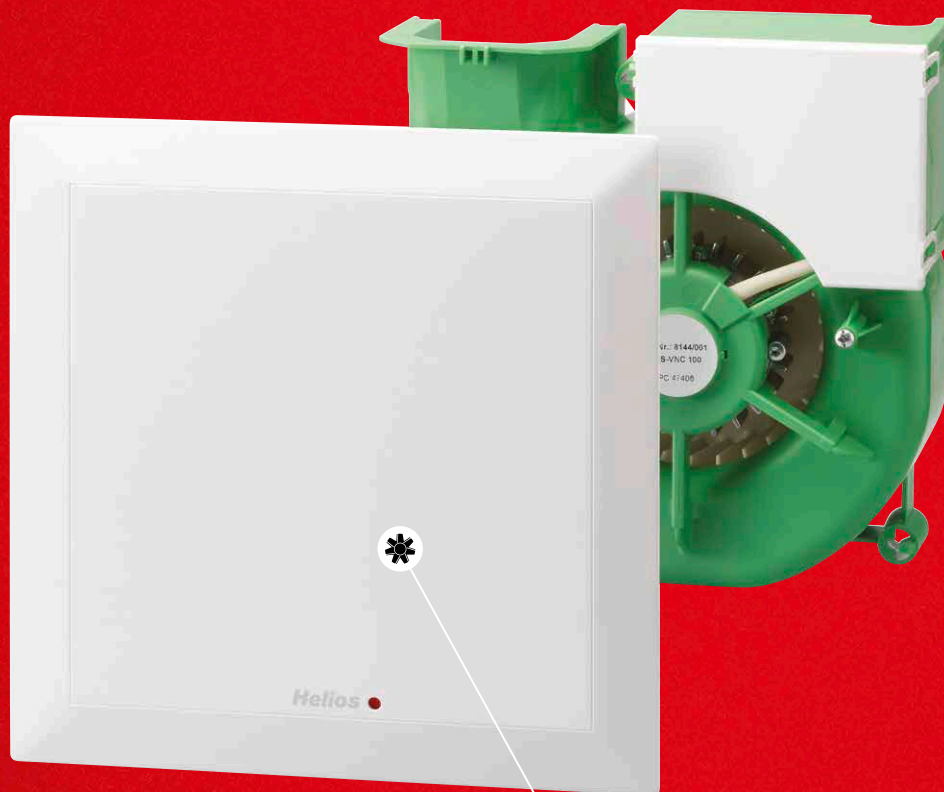


The types.



100 % individual
and available to precisely
meet your requirements.

ELS ventilation units are available in more than 60 variants for the ventilation of bathrooms, WCs and domestic kitchens. All users will always find the ideal solution with certainty thanks to the variety of different types.



ELS standard.

ultraSilence® ELS is the perfect solution for the **extract ventilation of inset bathrooms and WCs** in residential units, hotels or other buildings stipulated by DIN 18017-3. The standard type is available in various flow rate designs – also available with energy-saving EC technology.



ELS with overrun (adjustable).

ELS with overrun (Type ..N) is the **ideal solution for bathrooms and WCs in residential units with normal frequency of use**. With regard to rooms with periodically low usage, ELS with adjustable overrun and interval operation (Type ..NC) offers **economical and yet safe room ventilation** – even in the absence of people. Musty rooms and moisture damage are thereby automatically and effectively prevented.



ELS with automatic humidity control.

ELS with automatic humidity control is equipped with a **particularly effective and sophisticated system for early moisture detection**. In this respect, intelligent algorithms also detect the intensity of the moisture increase and react quicker than conventional systems. The overrun time and any necessary interval operation is also controlled fully automatically.



ELS with presence detector.

ELS with presence detector is the comfortable option to set the ventilation mode depending on the frequentation of the room. Needs-based and standard-compliant ventilation is always ensured and fully automatic. **Ideal for barrier-free toilets and sanitary facilities** with private and commercial use, such as in hotels, restaurants, offices, residential homes, etc.

i The following applies for all types:

Delivered ready for use with flat inner facade (alpine white) and ultraSilence® technology. Comes with permanent filter and filter cleaning indicator as standard. Integrated plug connection for electrical connection. Protective insulation, class II, IPX5. For installation in zone 1 of wetrooms. Maintenance-free, ball bearing mounted energy-saving motor. Technical approval, Z-51.1-193.



ELS standard.

Type	Ref. no.	Area of application	Flow rate in m³/h	Power consumption in Watts	Sound pressure dB(A)*		Sound power level L _{WA} dB(A)		Electrical supply line in mm² (protection class II without PE 1))	Wiring diagram no.	Accessories: DSEL 2 No. 01306 Speed and operating switch, 2-speed	Accessories: DSEL 3 No. 01611 Speed and operating switch, 3-speed
					Flushmount.	Surfmount.	Flushmount.	Surfmount.				
■ ELS standard with AC technology Startup delay – Overrun – *** Interval – Electrical connection: 230 V~, 50 Hz, NYM-0												
ELS-V 60	08131	Bathroom or WC	60	18	35	39	39	43	2x1.5 (4x1.5)	869		
ELS-V 60/35	08133	Bathroom or WC	60/35	18/9	35/26	39/30	39/30	43/34	3x1.5 (5x1.5)	871	•	
ELS-V 100	08132	Bath and WC, kitchen	100	29	47	51	51	55	2x1.5 (4x1.5)	870		
ELS-V 100/60/35	08136	Bath and WC, kitchen	100/60/35	29/18/9	47/35/26	51/39/30	51/39/30	55/43/34	4 x 1.5	874	•	•
■ ELS standard with EC technology Startup delay – Overrun – *** Interval – Electrical connection: 230 V~, 50 Hz, NYM-0												
ELS EC 60	06427	Bathroom or WC	60	6	35	39	39	43	3 x 1.5	1159		
ELS EC 60/35	06428	Bathroom or WC	60/35	6/4	35/26	39/30	39/30	43/34	4 x 1.5	1161	•	
ELS EC 60/40/15	06359	Bathroom or WC	60/40/15	6/5,2/3,5	35/27/21	39/31/25	39/31/25	43/35/29	5 x 1.5	1200	•	•
ELS EC 60/45/25	06358	Bathroom or WC	60/45/25	6/5,4/3,7	35/28/24	39/32/28	39/32/28	43/36/32	5 x 1.5	1199	•	•
ELS EC 100	06417	Bath and WC, kitchen	100	15	47	51	51	55	3 x 1.5	1160		
ELS EC 100/35	06420	Bath and WC, kitchen	100/35	15/4	47/26	51/30	51/30	55/34	4 x 1.5	1162	•	
ELS EC 100/60	06418	Bath and WC, kitchen	100/60	15/6	47/35	51/39	51/39	55/43	4 x 1.5	1163	•	
ELS EC 100/60/35	06419	Bath and WC, kitchen	100/60/35	15/6/4	47/35/26	51/39/30	51/39/30	55/43/34	5 x 1.5	1164	•	•



ELS with automatic humidity control.

Type	Ref. no.	Area of application	Flow rate in m³/h	Power consumption in Watts	Sound pressure dB(A)*		Sound power level L _{WA} dB(A)		Electrical supply line in mm² (protection class II without PE 1))	Wiring diagram no.	Accessories: DSEL 2 No. 01306 Speed and operating switch, 2-speed	Accessories: DSEL 3 No. 01611 Speed and operating switch, 3-speed
					Flushmount.	Surfmount.	Flushmount.	Surfmount.				
■ ELS with automatic humidity control with AC technology Startup delay 0/45 sec.** Overrun 6/10/15/21 min.** Interval – Electrical connection: 230 V~, 50 Hz, NYM-0												
ELS-VF 60	08161	Bathroom or WC	60	18	35	39	39	43	3 x 1.5	881		
ELS-VF 60/35	08163	Bathroom or WC	60/35	18/9	35/26	39/30	39/30	43/34	4 x 1.5	883	•	
ELS-VF 100/60/35	08166	Bath and WC, kitchen	100/60/35	29/18/9	47/35/26	51/39/30	51/39/30	55/43/34	5 x 1.5	886	•	•
■ ELS with automatic humidity control with EC technology Startup delay 0/45 sec.** Overrun 6/10/15/21 min.** Interval – Electrical connection: 230 V~, 50 Hz, NYM-0												
ELS EC 40/15/60 F NEW	40170	Bathroom or WC	40/15/60	5,2/3,5/6	27/21/35	31/25/39	31/25/39	35/29/43	5 x 1.5	1463	•	•
ELS EC 40/20/60 F NEW	40171	Bathroom or WC	40/20/60	5,2/3,6/6	27/23/35	31/27/39	31/27/39	35/31/43	5 x 1.5	1464	•	•
ELS EC 45/25/60 F NEW	40172	Bathroom or WC	45/25/60	5,4/3,7/6	28/24/35	32/28/39	32/28/39	36/32/43	5 x 1.5	1465	•	•
ELS EC 60 F	06408	Bathroom or WC	60	6	35	39	39	43	3 x 1.5	1171		
ELS EC 60/15 F NEW	40173	Bathroom or WC	60/15	6/3,5	35/21	39/25	39/25	43/29	4 x 1.5	1466	•	
ELS EC 60/35 F	06409	Bathroom or WC	60/35	6/4	35/26	39/30	39/30	43/34	4 x 1.5	1173	•	
ELS EC 60/40/15 F	06374	Bathroom or WC	60/40/15	6/5,2/3,5	35/27/21	39/31/25	39/31/25	43/35/29	5 x 1.5	1213	•	•
ELS EC 60/45/25 F	06365	Bathroom or WC	60/45/25	6/5,4/3,7	35/28/24	39/32/28	39/32/28	43/36/32	5 x 1.5	1212	•	•
ELS EC 100 F	06404	Bath and WC, kitchen	100	15	47	51	51	55	3 x 1.5	1172		
ELS EC 100/35 F	06407	Bath and WC, kitchen	100/35	15/4	47/26	51/30	51/30	55/34	4 x 1.5	1174	•	
ELS EC 100/60 F	06405	Bath and WC, kitchen	100/60	15/6	47/35	51/39	51/39	55/43	4 x 1.5	1175	•	
ELS EC 100/60/35 F	06406	Bath and WC, kitchen	100/60/35	15/6/4	47/35/26	51/39/30	51/39/30	55/43/34	5 x 1.5	1176	•	•

* for AL = 10° equivalent absorption area, ** marked value corresponds to factory setting, *** optional overrun see Accessories, page 601, 1) For deactivation of automatic function.



ELS with overrun / ELS with adjustable overrun.

Type	Ref. no.	Area of application	Flow rate in m ³ /h	Power consumption in Watts	Sound pressure dB(A)*		Sound power level L _{WA} dB(A)		Electrical supply line in mm ² (protection class II without PE ¹⁾)	Wiring diagram no.	Accessories: DSEL 2 No. 01306 Speed and operating switch, 2-speed	Accessories: DSEL 3 No. 01611 Speed and operating switch, 3-speed
					Flushmount.	Surfmount.	Flushmount.	Surfmount.				
<p>■ ELS with overrun (VN) / with adjustable overrun (VNC) with AC technology</p> <p>Types VN: Startup delay 45 sec. Overrun 6/15/21 min.** Interval -</p> <p>Types VNC: Startup delay 0/45 sec.** Overrun 6/10/15/21 min.** Interval 4/8/12/24 hrs.**</p> <p>Electrical connection: 230 V~, 50 Hz, NYM-0</p>												
ELS-VN 60	08137	Bathroom or WC	60	18	35	39	39	43	3 x 1.5	875		
ELS-VN 60/35	08139	Bathroom or WC	60/35	18/9	35/26	39/30	39/30	43/34	4 x 1.5	877	•	
ELS-VN 100	08138	Bath and WC, kitchen	100	29	47	51	51	55	3 x 1.5	876		
ELS-VN 100/60	08141	Bath and WC, kitchen	100/60	29/18	47/35	51/39	51/39	55/43	4 x 1.5	879	•	
ELS-VNC 60	08143	Bathroom or WC	60	18	35	39	39	43	3x1.5 (4x1.5)	881		
ELS-VNC 100	08144	Bath and WC, kitchen	100	29	47	51	51	55	3 x 1.5	882		
<p>■ ELS with overrun (N) / with adjustable overrun (NC) with EC technology</p> <p>Types N: Startup delay 45 sec. Overrun 15 min. Interval -</p> <p>Types NC: Startup delay 0/45 sec.** Overrun 6/10/15/21 min.** Interval 0/8/12/24 hrs.**</p> <p>Electrical connection: 230 V~, 50 Hz, NYM-0</p>												
ELS EC 40/60 N	NEW 40098	Bathroom or WC	40/60	5,2/6	27/35	31/39	31/39	34/43	4 x 1.5	1398	•	
ELS EC 60 N	06429	Bathroom or WC	60	6	35	39	39	43	3 x 1.5	1186		
ELS EC 60/15 N	NEW 40099	Bathroom or WC	60/15	6/3,5	35/21	39/25	39/25	43/29	4 x 1.5	1459	•	
ELS EC 60/35 N	06504	Bathroom or WC	60/35	6/4	35/26	39/30	39/30	43/34	4 x 1.5	1188	•	
ELS EC 100 N	06421	Bath and WC, kitchen	100	15	47	51	51	55	3 x 1.5	1187		
ELS EC 100/35 N	06505	Bath and WC, kitchen	100/35	15/4	47/26	51/30	51/30	55/34	4 x 1.5	1189	•	
ELS EC 100/60 N	06498	Bath and WC, kitchen	100/60	15/6	47/35	51/39	51/39	55/43	4 x 1.5	1190	•	
ELS EC 100/60/35 N	06430	Bath and WC, kitchen	100/60/35	15/6/4	47/35/26	51/39/30	51/39/30	55/43/34	4 x 1.5	1191	•	•
ELS EC 40/15/60 NC	NEW 40102	Bathroom or WC	40/15/60	5,2/3,5/6	27/21/35	31/25/39	31/25/39	35/29/43	5 x 1.5	1460	•	•
ELS EC 45/25/60 NC	NEW 40114	Bathroom or WC	45/25/60	5,4/3,7/6	28/24/35	32/28/39	32/28/39	36/32/43	5 x 1.5	1461	•	•
ELS EC 60 NC	06402	Bathroom or WC	60	6	35	39	39	43	3 x 1.5	1165		
ELS EC 60/15 NC	NEW 40169	Bathroom or WC	60/15	6/3,5	35/21	39/25	39/25	43/29	4 x 1.5	1462	•	
ELS EC 60/35 NC	06403	Bathroom or WC	60/35	6/4	35/26	39/30	39/30	43/34	4 x 1.5	1167	•	
ELS EC 60/40/15 NC	06356	Bathroom or WC	60/40/15	6/5,2/3,5	35/27/21	39/31/25	39/31/25	43/35/29	5 x 1.5	1198	•	•
ELS EC 60/45/25 NC	06355	Bathroom or WC	60/45/25	6/5,4/3,7	35/28/24	39/32/28	39/32/28	43/36/32	5 x 1.5	1197	•	•
ELS EC 100 NC	06398	Bath and WC, kitchen	100	15	47	51	51	55	3 x 1.5	1166		
ELS EC 100/35 NC	06401	Bath and WC, kitchen	100/35	15/4	47/26	51/30	51/30	55/34	4 x 1.5	1168	•	
ELS EC 100/60 NC	06399	Bath and WC, kitchen	100/60	15/6	47/35	51/39	51/39	55/43	4 x 1.5	1169	•	
ELS EC 100/60/35 NC	06400	Bath and WC, kitchen	100/60/35	15/6/4	47/35/26	51/39/30	51/39/30	55/43/34	5 x 1.5	1170	•	•



ELS with presence detector.

Type	Ref. no.	Area of application	Flow rate in m ³ /h	Power consumption in Watts	Sound pressure dB(A)*		Sound power level L _{WA} dB(A)		Electrical supply line in mm ² (protection class II without PE ¹⁾)	Wiring diagram no.	Accessories: DSEL 2 No. 01306 Speed and operating switch, 2-speed	Accessories: DSEL 3 No. 01611 Speed and operating switch, 3-speed
					Flushmount.	Surfmount.	Flushmount.	Surfmount.				
<p>■ ELS with presence detector with AC technology</p> <p>Startup delay - Overrun 15 min. Interval -</p> <p>Electrical connection: 230 V~, 50 Hz, NYM-0</p>												
ELS-VP 60	08149	Bathroom or WC	60	18	35	39	39	43	2 x 1.5	887		
ELS-VP 100	08150	Bath and WC, kitchen	100	29	47	51	51	55	2 x 1.5	887		
<p>■ ELS with presence detector with EC technology</p> <p>Startup delay 0/45 sec.** Overrun 6/10/15/21 min.** Interval 0/8/12/24 hrs.**</p> <p>Electrical connection: 230 V~, 50 Hz, NYM-0</p>												
ELS EC 40/15/60 P	NEW 40174	Bathroom or WC	40/15/60	5,2/3,5/6	27/21/35	31/25/39	31/25/39	35/29/43	5 x 1.5	1467	•	•
ELS EC 45/25/60 P	NEW 40175	Bathroom or WC	45/25/60	5,4/3,7/6	28/24/35	32/28/39	32/28/39	36/32/43	5 x 1.5	1468	•	•
ELS EC 60 P	06415	Bathroom or WC	60	6	35	39	39	43	3 x 1.5	1177		
ELS EC 60/35 P	06416	Bathroom or WC	60/35	6/4	35/26	39/30	39/30	43/34	4 x 1.5	1179	•	
ELS EC 100 P	06410	Bath and WC, kitchen	100	15	47	51	51	55	3 x 1.5	1178		
ELS EC 100/35 P	06414	Bath and WC, kitchen	100/35	15/4	47/26	51/30	51/30	55/34	4 x 1.5	1180	•	
ELS EC 100/60 P	06412	Bath and WC, kitchen	100/60	15/6	47/35	51/39	51/39	55/43	4 x 1.5	1181	•	
ELS EC 100/60/35 P	06413	Bath and WC, kitchen	100/60/35	15/6/4	47/35/26	51/39/30	51/39/30	55/43/34	5 x 1.5	1182	•	•



* for AL = 10° equivalent absorption area, ** marked value corresponds to factory setting ¹⁾ For deactivation of automatic function.