	GREEN Line - best energy ratings for supply air systems			BLUE Line							
Specifications	**eluft Eco S**	**eluft Eco M**	**eluft Eco L**	**eluft Basic**	**eluft 150**	**eluft 400**	**eluft 600**	**eluft 900**	**eluft 1400**	**eluft Mobile**	**Temp. Blower**
height [mm/inch]	700 / 27.56	800 / 31.5	800 / 31.5	400 / 15.75	400 / 15.75	600 / 23.62	600 / 23.62	600 / 23.62	600 / 23.62	620 / 24.41	270 / 10.63
width [mm/inch]	1650 / 64.96	1750 / 68.9	1850 / 72.83	900 / 36.22	1000 / 39.37	1200 / 47.24	1300 / 51.18	1600 / 66.93	1900 / 74.80	800 / 31.5	600 / 23.62
depth [mm/inch]	700 / 27.56	800 / 31.5	900 / 35.43	700 / 27.56	600 / 23.62	600 / 23.62	600 / 23.62	700 / 27.56	920 / 36.22	600 / 23.62	360 / 14.17
weight [kg/lb]	190 / 418	226 / 498	253 / 558	42 / 93	55 / 121	100 / 220	115 / 253	145 / 320	215 / 474	38 / 84	11 / 24
case material	stainless steel	stainless steel	stainless steel	aluminium powder coated	aluminium powder coated	stainless steel	stainless steel	stainless steel	stainless steel	aluminium	aluminium
voltage	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	230 VAC	400 VAC	400 VAC	230 VAC	115/230 VAC
phase	1	1	1	1	1	1	1	3	3	1	1
frequency [Hz]	50/60	50/60	50/60	50	50/60	50/60	50/60	50/60	50/60	50/60	50/60
average power consumption [kWh/hour]	0.35	0.55	0.9	0.6	0.6	1.2	1.6	2.7	4.9	1.0	0.1
dry air flow rate [m³/h]	--	--	--	80	80	190	275	400	800	190	-
max. air flow as emergency function [m³/h]	380	1200	1800	120	300	800	1200	1800	2800	190	150
max. cushion pressure [Pa]	1200	1200	1200	400	1000	1800	1800	1800	1800	1200	1000
standard duct Size [mm]	100	200	200	125	80	100	100	150	200	80	50
noise level dB(A) in 1m	< 53	< 53	< 53	<55	< 53	< 53	< 53	< 55	< 55	<53	<53
application for roof/facade volume [m³]	< 200	< 1200	< 1800	<50	< 300	< 800	< 1400	< 2000	< 3700	<300	<200
Features (●) and Options (○)	**eluft Eco S**	**eluft Eco M**	**eluft Eco L**	**eluft Basic**	**eluft 150**	**eluft 400**	**eluft 600**	**eluft 900**	**eluft 1400**	**eluft Mobile**	**Temp. Blower**
5 status signals (contacts) for **BMS**	●	●	●	● 2)	●	●	●	●	●	●	-
two alternate switched redundant fans	●	●	●	●	●	●	●	●	●	-	-
two frequency controllers for fans	●	●	●	-	●	●	●	●	●	● 3)	-
single fan for permanent air circulation	●	●	●	-	-	-	-	-	-	-	-
programmable controller **SPS**	●	●	●	●	●	●	●	●	●	●	- 4)
analogue pressure sensor **Pnom**	●	●	●	-	●	●	●	●	●	●	-
safety MIN-pressure sensor **Pmin**	○	●	●	●	○	●	●	●	●	-	-
safety MAX-pressure sensor **Pmax**	○	●	●	-	○	●	●	●	●	-	-
hygrostat for power minimizing	●	●	●	●	●	●	●	●	●	-	-
intake air filter cassette **G4**	●	●	●	●	●	●	●	●	●	●	-
intake air fine filter cassette **F7**	○	○	○	○	○	○	○	○	○	○	-
internal display for status and settings	●	●	●	- 1)	●	●	●	●	●	●	-
wind speed sensor **WS**	○	○	○	-	○	○	○	○	○	-	-
snow/rain detection sensor **SDS**	○	○	○	- 1)	○	○	○	○	○	-	-
proportional snow height sensor **SHS**	○	○	○	- 1)	○	○	○	○	○	-	-
snow / rain / sand scales	○	○	○	-	○	○	○	○	○	-	-
combined weather station	○	○	○	-	○	○	○	○	○	-	-
leg extensions (500mm for high snow areas)	-	-	-	-	○	○	○	○	○	-	-
eluft **T version** with 2 front doors	-	-	-	-	○	○	○	-	-	-	-
additional **UPS** (for ECO's inside existing casing)	-	-	-	-	○	○	○	-	-	-	-
autom. **dual power** source switch	○	○	○	○	○	○	○	○	○	-	-
110/115V 60Hz conversion	○	○	○	-	○	○	○	-	-	-	●
shading option	-	-	-	-	-	○	○	○	○	-	-
master control system **MCU**	○	○	○	-	○	○	○	○	○	-	-
external graphical touch display **XDU**	○	○	○	-	○	○	○	○	○	-	-
SMS alert interface incl. battery	○	○	○	-	○	○	○	○	○	○	-
SMS interface PLUS **SMS IF+**	○	○	○	-	○	○	○	○	○	○	-
Wireless Access Point **WAP**	○	○	○	-	○	○	○	○	○	-	-
WEB Server	○	○	○	-	○	○	○	○	○	-	-
eluft **Volt**age protection	○	○	○	-	○	○	○	○	○	-	-

● standard feature / ○ optional / -- not available

1) switch for summer/winter mode 2) 2x contact (signal) 3) one frequency converter 4) potentiometer

Average power consumption values are based on moderate climate conditions typical of Central Europe and will vary internationally.
Application dimensions (m³) are based on dry air throughput for systems with leakage of app. 5-10% and app. 2 full air cycles per day.
All machines are CE certified. Additional international approvals such as UL certification can be provided.