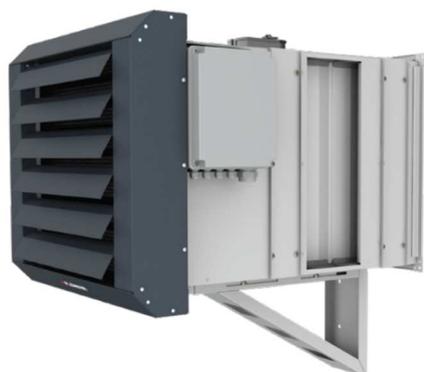


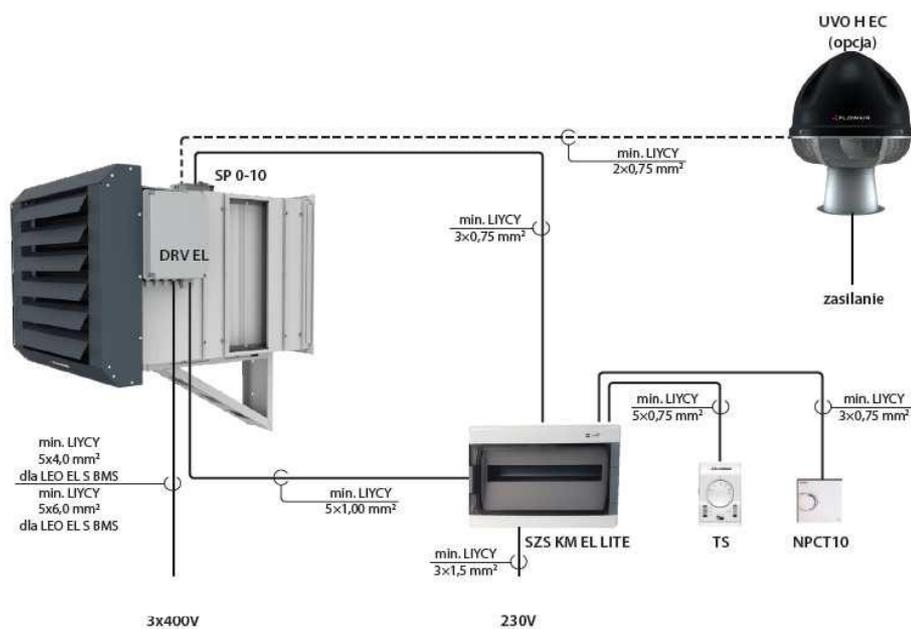


GENERAL INFORMATION



- It is designed for delivering fresh air to the room.
- KM EL S mixing chamber is dedicated to operate with LEO EL S BMS units
- KM EL L mixing chamber is dedicated to operate with LEO EL L BMS units
- Mixing chamber is equipped with filter EU3 class (optional EU4 class).
- Steel casing.

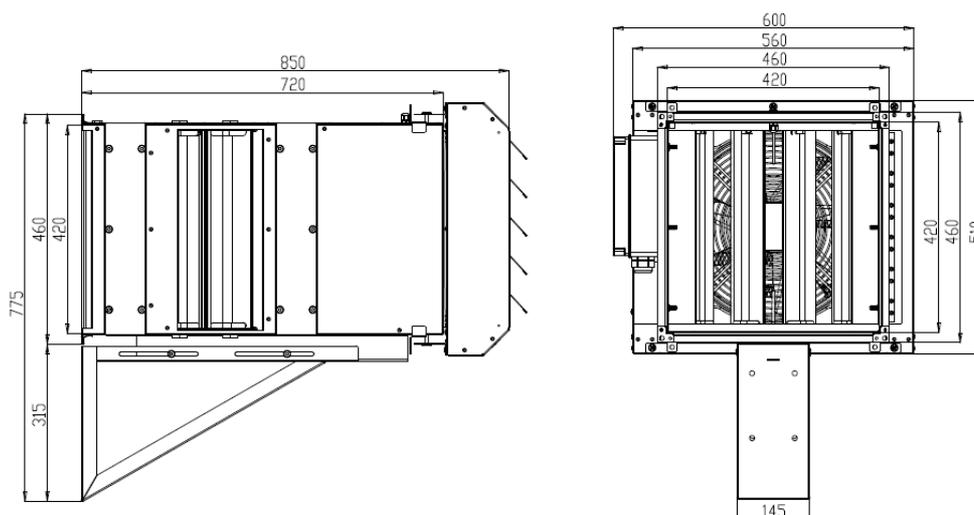
CONTROL SYSTEM KM EL LITE



- Smooth regulation of dampers
- Regulation of roof fan efficiency depend on dampers set (air volume balance only with max. efficiency of LEO EL fan)
- Automatic shut off of dampers in case of turning heater unit off

TECHNICAL DATA I DANE TECHNICZNE

LEO EL S BMS + KM EL S



	LEO EL S BMS + KM EL S		
Speed	III	II	I
Max airflow [m ³ /h]*	1100	800	500
Power supply [V/Hz]	3x400/50		
Max fan current consumption [A]	0,6	0,4	0,3
Max fan power consumption [W]	130	90	70
Fan IP/ Insulation class	54/F		
Acoustic power level [dB(A)] **	71,4	65,8	59,0
Acoustic pressure level [dB(A)]***	56,3	50,7	43,9
Horizontal range**** [m]	7,5	5,5	3,5
Installation	Indoor		
Max working temperature [°C]	50		
Device mass [kg]	36.1		

* Max. air flow with installed filter EU3 and wall air intake.

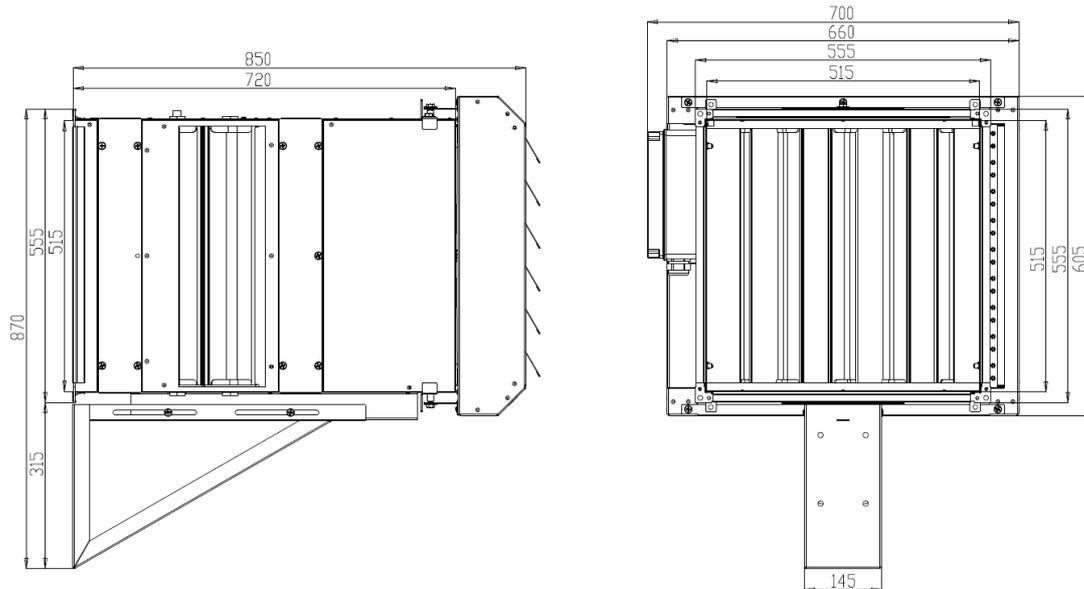
** Acoustic power level according to EN ISO 3744:2011

*** Acoustic pressure level has been measured 5 m from the unit in a 1500m³ space with a medium sound absorption coefficient

**** Horizontal isothermal range for 0,5 m/s border air stream speed

TECHNICAL DATA

LEO EL L BMS + KM EL L



	LEO EL L BMS + KM EL L		
Speed	III	II	I
Max airflow [m ³ /h] [†]	2600	1600	800
Power supply [V/Hz]	3x400/50		
Max fan current consumption [A]	1,4	1,2	0,6
Max fan power consumption [W]	330	240	120
Fan IP/ Insulation class	54/F		
Acoustic power level [dB(A)] ^{**}	79,2	69,6	57,2
Acoustic pressure level [dB(A)] ^{***}	64,1	54,5	42,1
Horizontal range ^{****} [m]	14,5	9,0	4,5
Installation	Indoor		
Max working temperature [°C]	50		
Device mass [kg]		47.2	

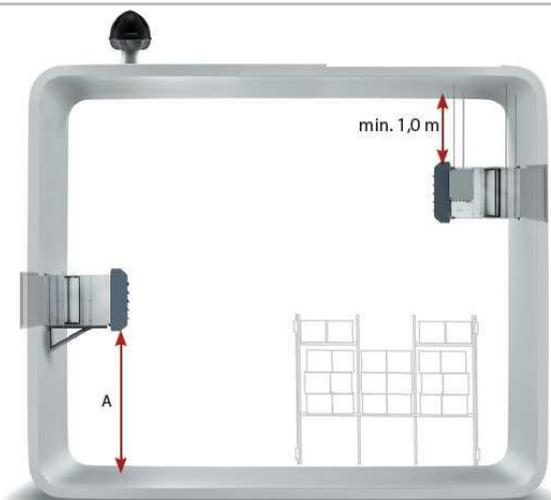
[†] Max. air flow with installed filter EU3 and wall air intake.

^{**} Acoustic power level according to EN ISO 3744:2011

^{***} Acoustic pressure level has been measured 5 m from the unit in a 1500m³ space with a medium sound absorption coefficient

^{****} Horizontal isothermal range for 0,5 m/s border air stream speed

INSTALLATION



LEO EL S BMS + KM EL S
LEO EL L BMS + KM EL L

A [m]
<3,0
2,5 – 5,0 m

HEATING CAPACITY

LEO EL S BMS + KM S

Tp1	V	PT	PC	Tp2
[°C]	[m³/h]	[kW]*	[A]*	[°C]
1st step of heating; 2nd fan step				
-20	800	5,3	7,7	1
-10		5,2	7,5	8
0		5,1	7,4	16
10		5,0	7,2	23
20		4,9	7,1	32
2nd step of heating; 3rd fan step				
-20	1100	9,9	14,3	12
-10		9,7	14,0	20
0		9,4	13,5	28
10		9,1	13,1	32
20		8,8	12,7	39

LEO EL L BMS + KM L

Tp1	V	PT	PC	Tp2
[°C]	[m³/h]	[kW]*	[A]*	[°C]
2nd step of heating; 2nd fan step				
-20	1600	14,5	20,8	5
-10		14,0	20,1	12
0		13,6	19,5	21
10		12,9	18,5	26
20		12,3	17,7	34
3rd step of heating; 3rd fan step				
-20	2600	20,9	30,2	10
-10		20,5	29,6	17
0		20,2	29,1	25
10		19,5	27,9	31
20		19,0	27,4	39

V – air flow

PT – heating capacity

PC – current consumption

Tp1 – inlet air temperature

Tp2 – outlet air temperature