

EEU Condensate canopy

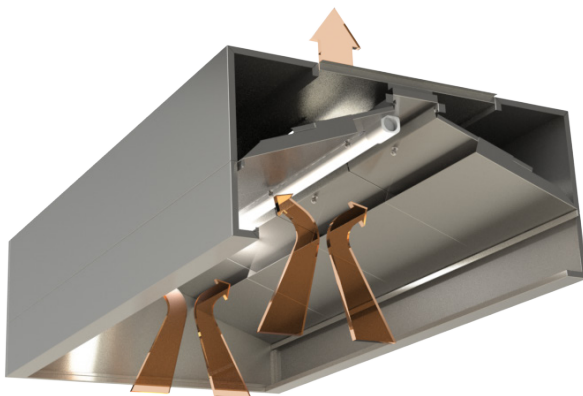


Condensate canopy is designed for installation above dishwashers. Ensures a clean, hygienic and comfortable kitchen environment by removing steam produced by dishwashers. Supply air is conducted to room through the unit's front panel.

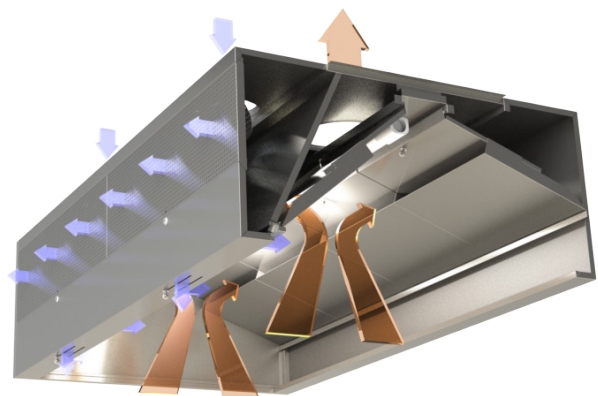
Operation

Temperature difference raises vapour into the top of the hood where it condenses on the surface of blades and flows along the side plates into condensate channel and drainage pipe.

The condensation plates are removable for washing and adjusting the hood.



Steam trap, without supply air

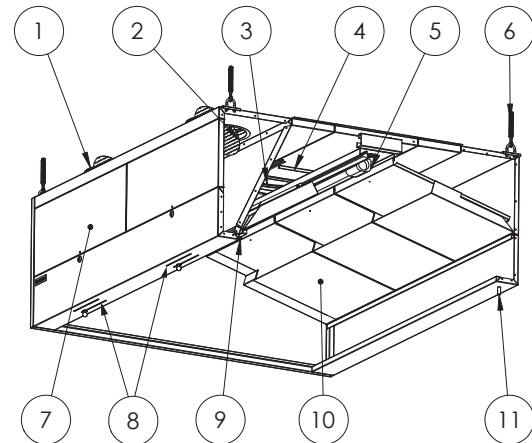


Steam trap, with supply air

Construction and Dimensions

Manufactured of stainless steel (AISI 304). Duct connections are manufactured of galvanized steel sheet and equipped with gaskets. Each hood can be provided with a surface-mounted luminary (available as accessory).

EEU dimensions (mm)	
L Length	600, 700, ... , 2800, 2900
B Width	1000, 1100, ..., 1700, 1800
H Height	400, 550
S	160, 200, 250
E	200, 250, 315



- 1 - Supply air connection
- 2 - Supply air regulating plate
- 3 - Exhaust air connection
- 4 - Adjusting plate for exhaust air
- 5 - Lighting
- 6 - Suspension points
- 7 - Front panel
- 8 - Auxiliary supply air openings
- 9 - Air flow measuring nipples
- 10 - Condensation plates (removable)
- 11 - Condensate drain connection

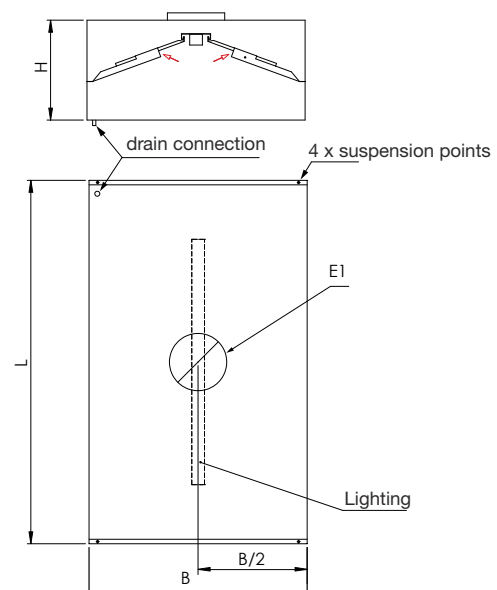
Exhaust air volume

Recommended exhaust air volume through one 315 mm exhaust connection is max 300 l/s when air flow speed in the duct is 3,8 m/s.

Recommended supply airflow

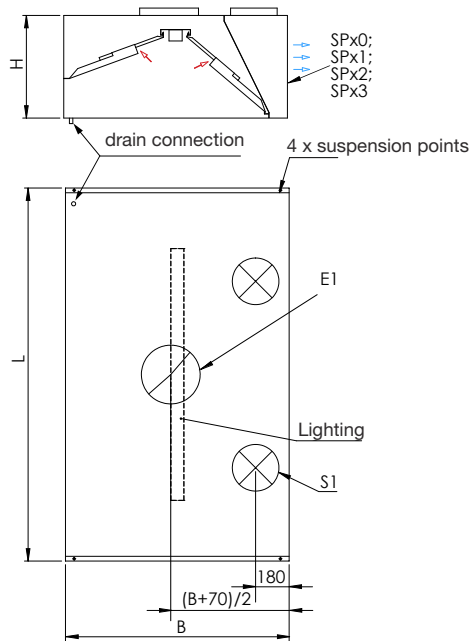
	SPx1+"Turbo Grip"	Perforation pattern SPx2+"Turbo Grip"	SPx3+"Turbo Grip"
Supply air flow l/s, per linear meter of front panel	10-61 Pa 70-175 l/s	10-40 Pa 110-220 l/s	10-28 Pa 165-275 l/s

EEU canopy, without supply air	
L Length	600, 700, ... , 2800, 2900
B Width	1000, 1100, ..., 1800
H Height	400, 550
E1	200, 250, 315

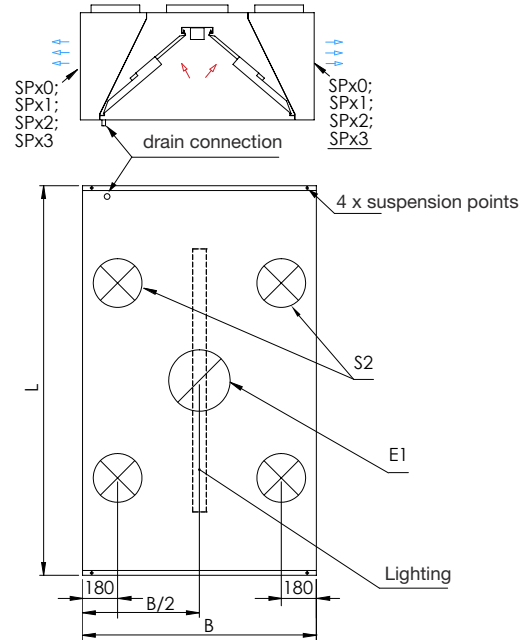


EEU canopy, with supply air

L Length	600, 700, ... , 2800, 2900
B Width	1000, 1100, ..., 1800
H Height	400, 550
S1	160, 200, 250
E1	200, 250, 315

**EEU canopy, with supply air**

L Length	600, 700, ... , 2800, 2900
B Width	1400, 1500, ..., 1800
H Height	400, 550
S2	160, 200, 250
E1	200, 250, 315

**Lighting**

Professional kitchen requires functioning lighting, which guarantees the employees good working conditions. EEU professional kitchen canopies use next generation energy efficient LED lights, which can save up to 50% more energy compared to older fluorescent lights.

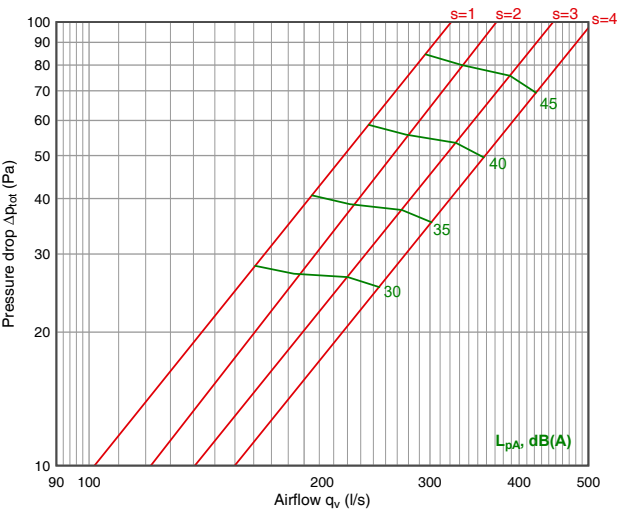
The size and number of lights is determined based on the size of the canopy, so that there is enough light output for the working space.

Luminaries:

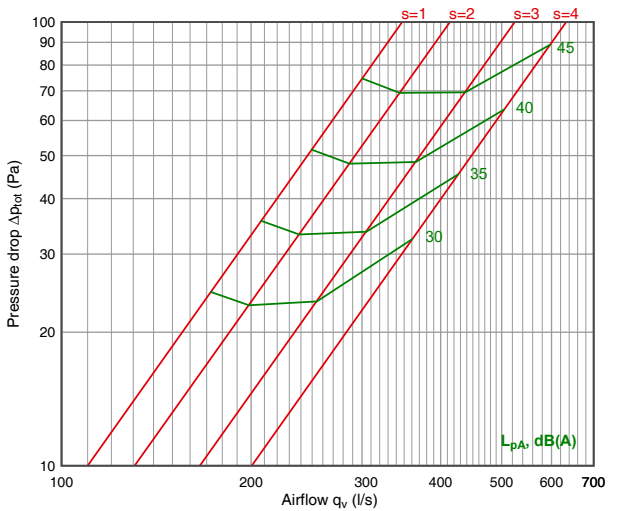
Canopy length (mm)	Lighting length (mm)	Energy use (W)	Light color	Color temperature (K)	Color rendering index (Ra)	Flux (lm)
$1000 \leq L < 1600$	LED770	20	840	4000	80	2250
$1600 \leq L < 1900$	LED1370	37	840	4000	80	4900
$L \geq 1900$	LED1670	53	840	4000	80	6750

Technical data

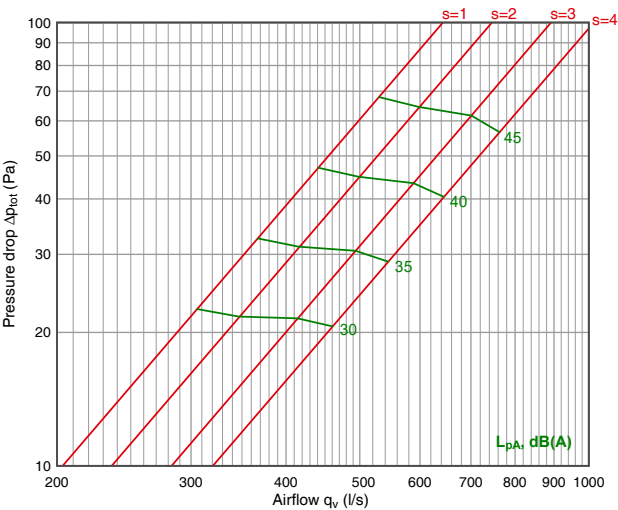
Exhaust air: EEU L=1000...1400



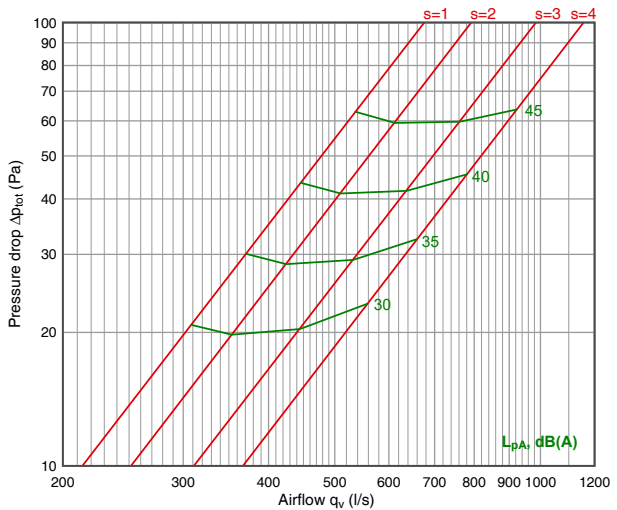
Exhaust air: EEU L=1500...1900



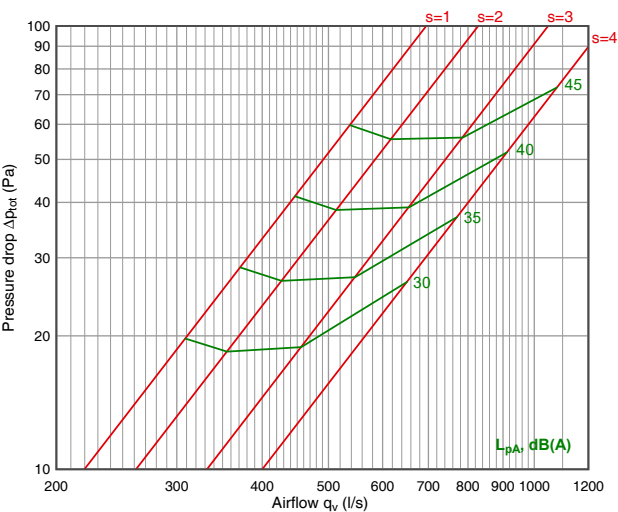
Exhaust air: EEU L=2000...2400



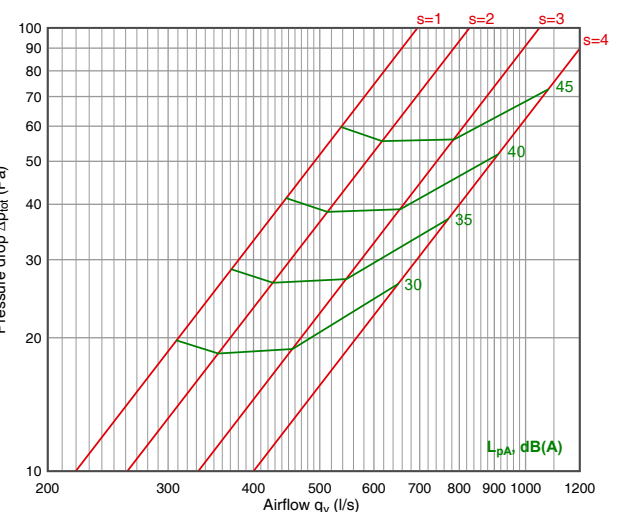
Exhaust air: EEU L=2500...2900



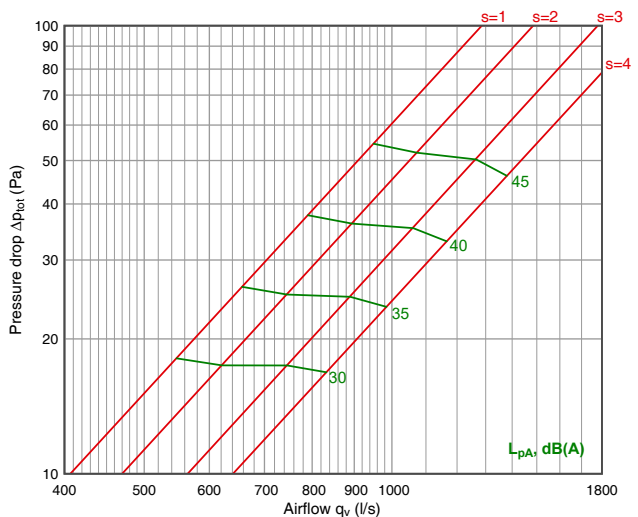
Exhaust air: EEU L=3000...3400



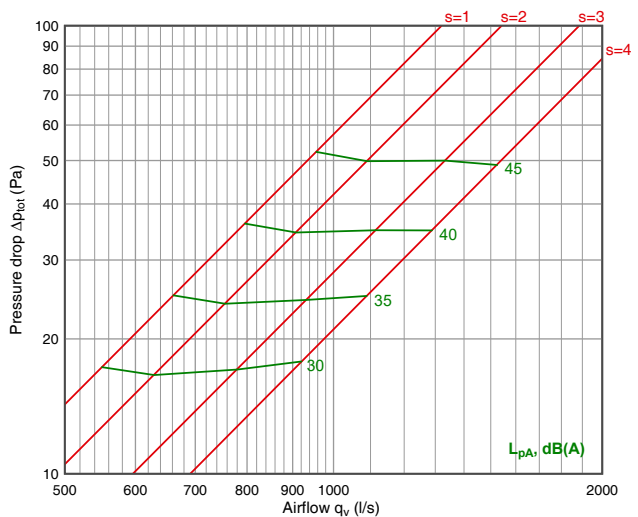
Exhaust air: EEU L=3500...3900



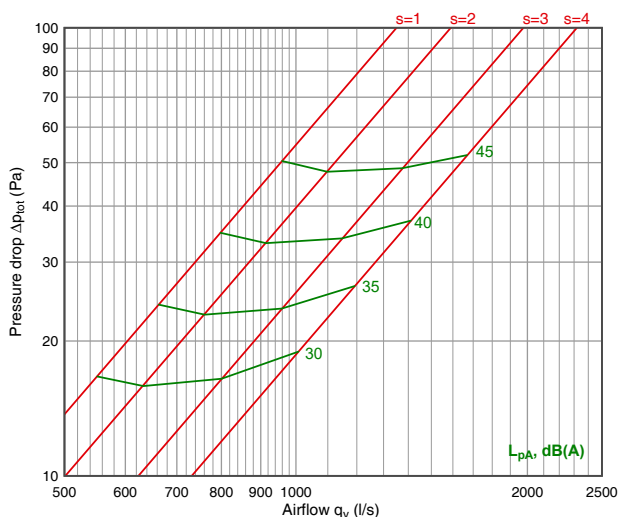
Exhaust air: EEU L=4000...4400



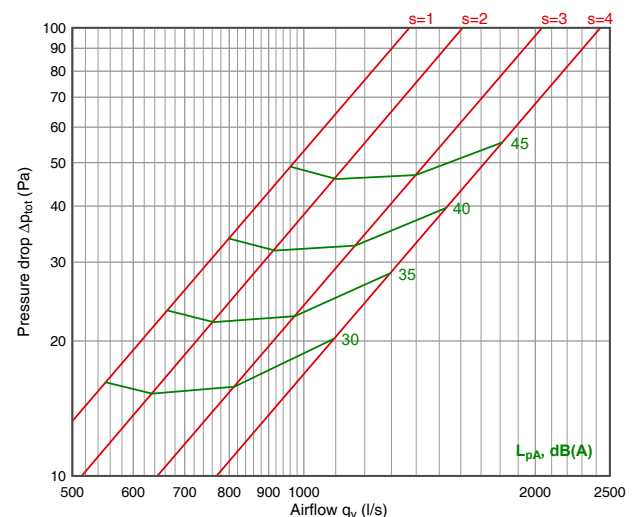
Exhaust air: EEU L=4500...4900



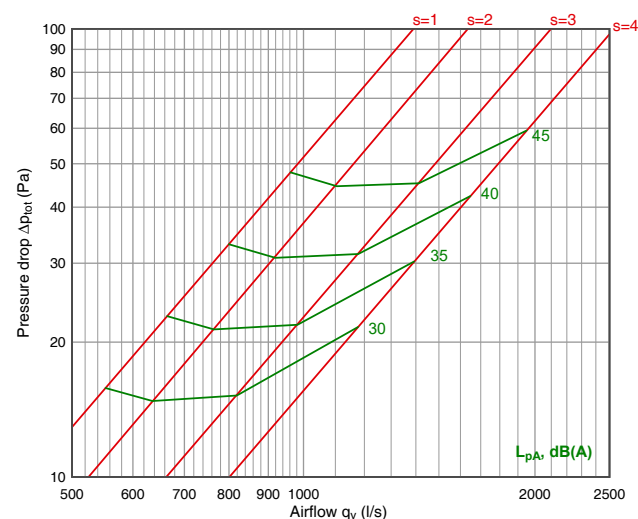
Exhaust air: EEU L=5000...5400



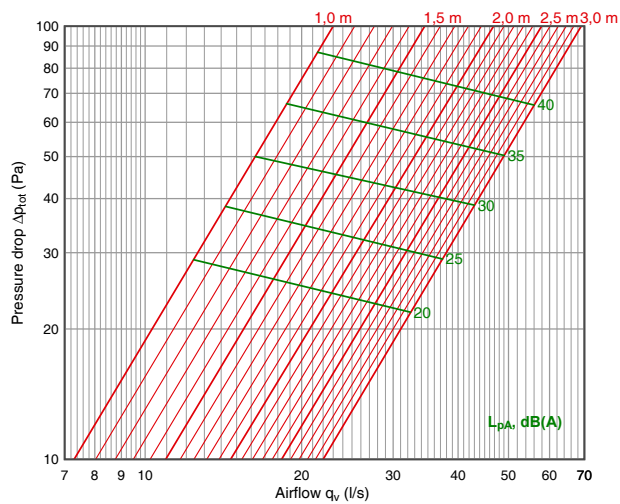
Exhaust air: EEU L=5500...5900



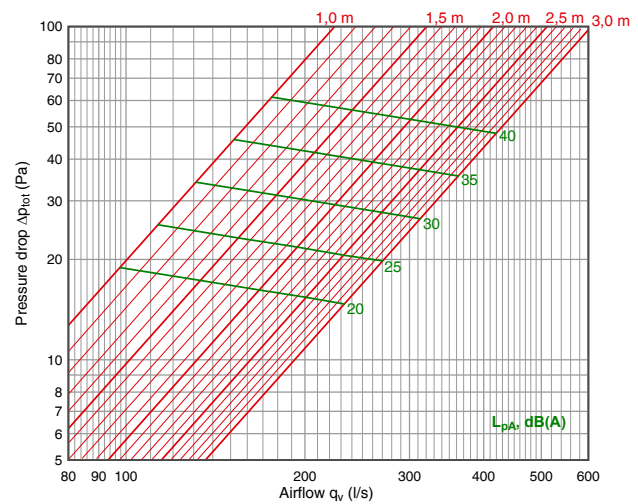
Exhaust air: EEU L=6000



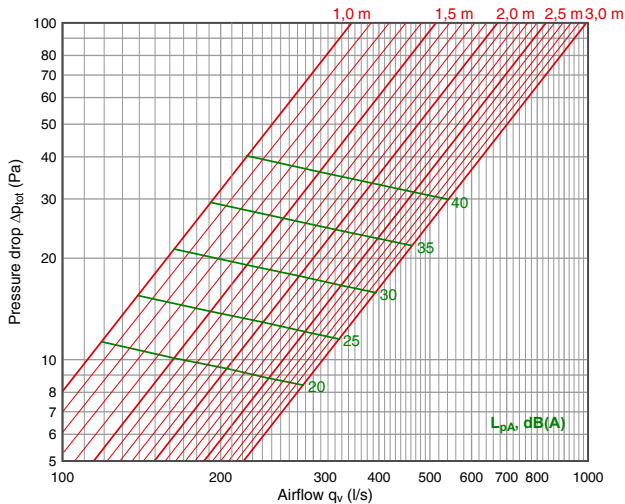
Supply air: "Turbo Grip"



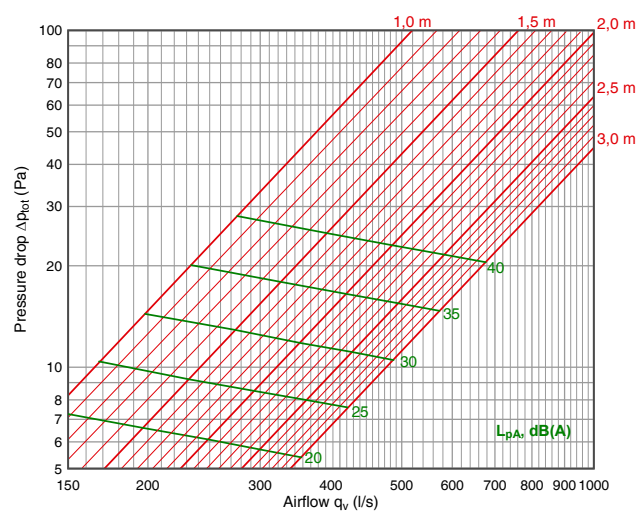
Supply air: SP1+"Turbo Grip"



Supply air: SP2+"Turbo Grip"



Supply air: SP3+"Turbo Grip"

**Acoustic data**

$$L_w = L_{p10A} + K_{okt}$$

Exhaust air		Correction of sound level K_{okt} (dB)						
Adjusting plate position		(Hz)						
		63	125	250	500	1k	2k	8k
s = 1		10	12	6	3	-4	-13	-24
s = 2		11	12	6	3	-3	-10	-22
s = 3		10	13	5	3	-3	-9	-21
s = 4		10	13	5	3	-4	-8	-20

		Correction of sound level K_{okt} (dB)						
Supply air		(Hz)						
		63	125	250	500	1000	2000	8000
"Turbo Grip"		-6	-8	-5	-3	0	-1	-20
SPx1 + "Turbo Grip"		-1	0	3	2	-1	-3	-23
SPx2 + "Turbo Grip"		0	1	5	4	-1	-8	-27
SPx3 + "Turbo Grip"		7	5	6	4	-2	-13	-30
		± 4 dB	± 4 dB	± 4 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB

Product marking

Marking - Dimensions - Supply air - Exhaust air - Front panel - Lighting					
Marking					
EEU - Canopy					
Dimensions					
L - Lenght B - Width H - Height					
Supply air					
S1 - Supply air chamber on one side S2 - Supply air chambers on two sides Diameter of supply air connection Quantity of supply air connections					
Exhaust air					
E1 - One exhaust air chamber Diameter of exhaust air connection Quantity of exhaust air connections					
Front panel					
SPx0 - No Perforation, only "Turbo Grip" supply air curtain system SPx1 - Perforation pattern 1 - (per L=1000mm) 130 l/s, 40 Pa, 40 dB(A) SPx2 - Perforation pattern 2 - (per L=1000mm) 190 l/s, 37 Pa, 40 dB(A) SPx3 - Perforation pattern 3 - (per L=1000mm) 250 l/s, 25 Pa, 40 dB(A)					
Lighting					
LED770 - L=769, 20W LED1370 - L=1369, 37W LED1670 - L=1669, 53W Quantity of lighting fixtures					

Example: EEU 2000x1000x550 - S2=200x4 - E1=315x1 - SPx1 - LED770x1

Masking plates:

Mounted in the area between canopy and ceiling, when conduits and other components are to be concealed.