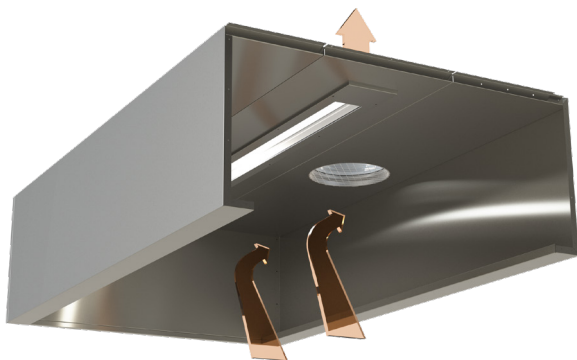


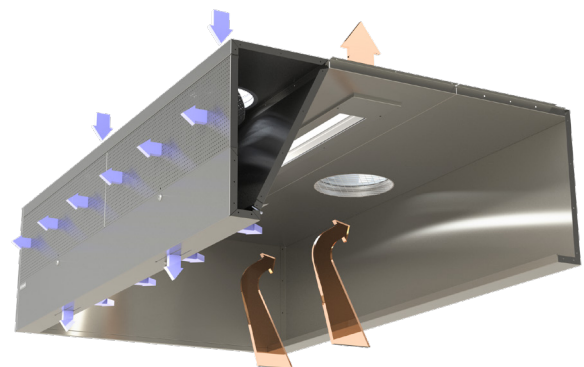
EEN Exhaust canopy



The EEN Exhaust canopy ensures a clean, hygienic and comfortable work environment by removing pollutants and excess heat from your commercial or industrial operations. EEN is available with or without integrated supply air.



EEN without supply air



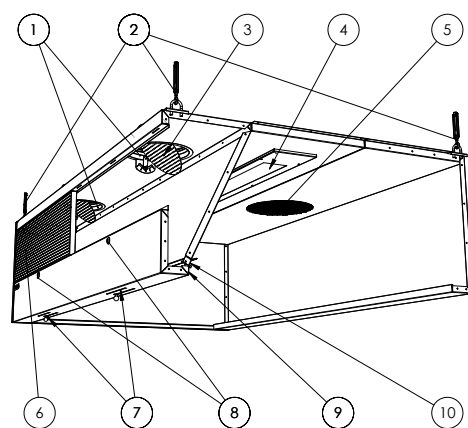
EEN with supply air

Construction and Dimensions

The canopy is made from 1 mm thick stainless steel (AISI 304, surface 2K). Duct connections are equipped with rubber gaskets, and supply air chambers are heat insulated to prevent condensation of steam on the inner surface of the canopy. Heavy duty U-bolts are installed on each top corner of the canopy for hanging.

We at know that no two projects have exactly the same requirements. We have therefore designed our canopies to be modular, so we can custom design and manufacture a canopy solution to meet your each and every project requirement or technical need.

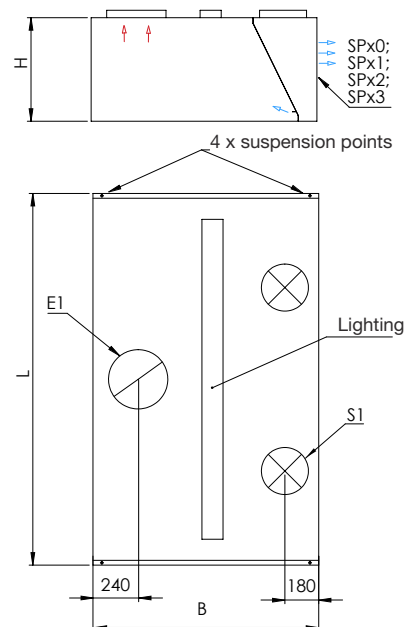
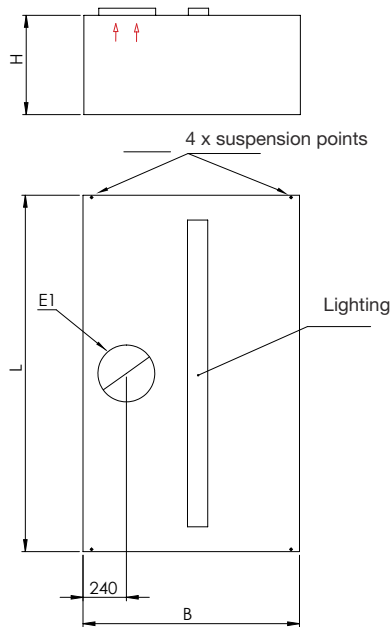
EEN dimensions	mm
L Length	500, 600, ..., 2800, 2900
B Width	B=800, 900 (No lighting) B=1000,1100, ..., 1700, 1800
H Height	400, 550
S	100, 125, 160, 200, 250
E	200, 250, 315



- 1 - Supply air connection
- 2 - Suspension points
- 3 - Supply air regulating plate
- 4 - Lighting
- 5 - Exhaust air connection
- 6 - Front panel
- 7 - Auxiliary supply air openings
- 8 - Front panel lock
- 9 - "Turbo Grip" air nozzle system
- 10 - Airflow measuring nipples

EEN canopy without supply air	
L Length	500, 600, ..., 2800, 2900
B Width	B=500, 600 (No lighting) B=700,800, ..., 1700, 1800
H Height	400, 550
E1	200, 250, 315

EEN canopy with supply air	
L Length	500, 600, ..., 2800, 2900
B Width	B=800, 900 (No lighting) B=1000,1100, ..., 1700, 1800
H Height	400, 550
S1	100, 125, 160, 200, 250
E1	200, 250, 315



**Lighting**

Professional kitchens require functional lighting to ensure that employees have a safe and effective work environment. Our professional kitchen canopies use next generation, energy efficient LED lights, which can save as much as 50% more energy compared to older technology fluorescent lights.

The size and number of light fixtures are determined by the size of the canopy, to ensure there is enough light output for the entire workspace.

**Luminaries:**

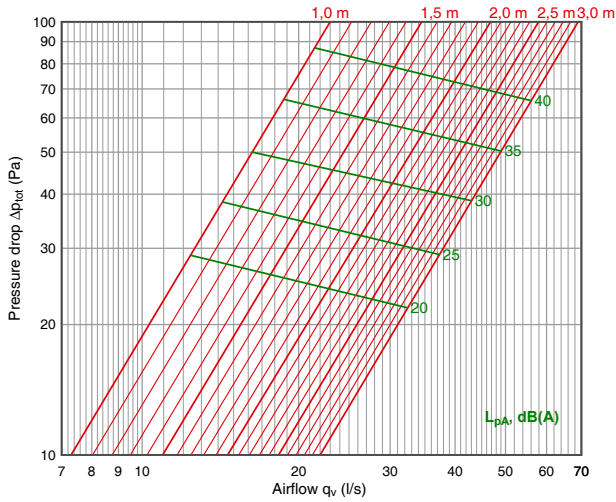
Canopy length (mm)	Lighting length (mm)	Energy use (W)	Light color	Color temperature (K)	Color rendering index (Ra)	Flux (lm)
1000 ≤ L < 1600	LED770	20	840	4000	80	2250
1600 ≤ L < 1900	LED1370	37	840	4000	80	4900
L ≥ 1900	LED1670	53	840	4000	80	6750

**Recommended supply airflow**

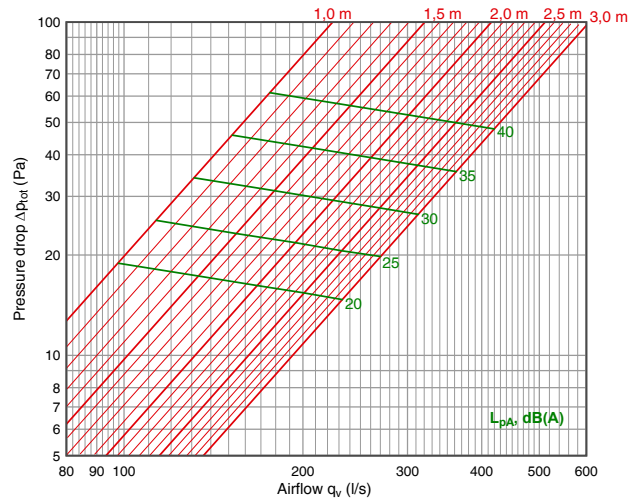
Supply airflow per linear meter of front panel, l/s		
SPx1+ Turbo Grip	SPx2+ Turbo Grip	SPx3+ Turbo Grip
10-61 Pa 70-175 l/s	10-40 Pa 110-220 l/s	10-28 Pa 165-275 l/s

Technical data

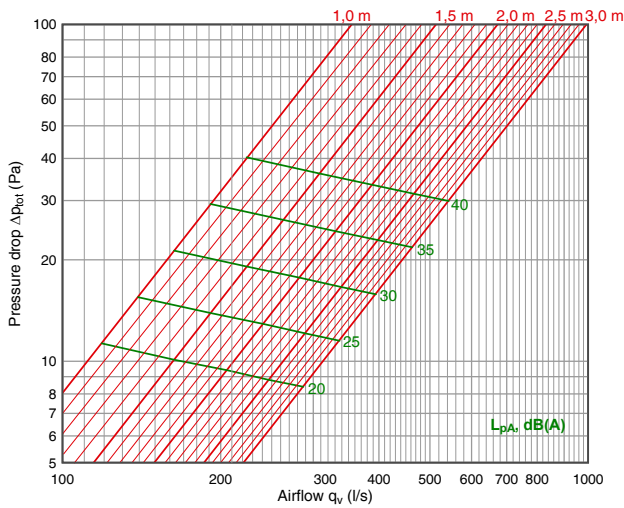
Supply air: "Turbo Grip"



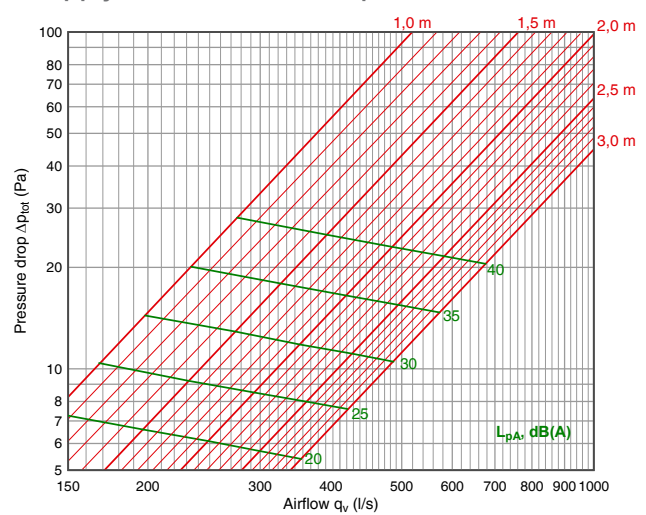
Supply air: SP1+"Turbo Grip"



Supply air: SP2+"Turbo Grip"



Supply air: SP3+"Turbo Grip"



Acoustic data

Supply air	Correction of sound level $K_{okt}$ (dB)							
	(Hz)							
	63	125	250	500	1000	2000	4000	8000
"Turbo Grip"	-6	-8	-5	-3	0	-1	-7	-20
SPx1 + "Turbo Grip"	-1	0	3	2	-1	-3	-11	-23
SPx2 + "Turbo Grip"	0	1	5	4	-1	-8	-20	-27
SPx3 + "Turbo Grip"	7	5	6	4	-2	-13	-21	-30
	± 4 dB	± 4 dB	± 4 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB	± 2 dB

**Product marking**

**Marking - Dimensions - Supply air - Exhaust air - Front panel - Lighting**

<p><b>Marking</b> EEN - Canopy</p>	<p><b>Dimensions</b> L - Length B - Width H - Height</p>	<p><b>Supply air</b> S1 - Supply air chamber on one side Diameter of supply air connection Quantity of supply air connections</p>	<p><b>Exhaust air</b> E1 - One exhaust air chamber Diameter of exhaust air connection Quantity of exhaust air connections</p>	<p><b>Front panel</b> 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)</p>	<p><b>Lighting</b> LED770 - L=769, 20W LED1370 - L=1369, 37W LED1670 - L=1669, 53W Quantity of lighting fixtures</p>
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**Example:      EEN 2000x1000x550 - S1=200x4 - E1=315x1 - SPx1 - LED770x1**