



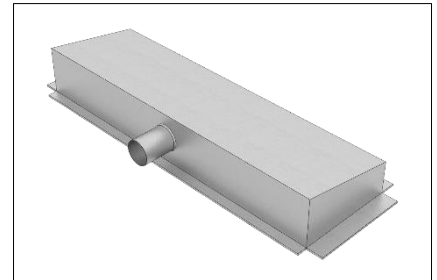
AirBox E

Exhaust air elements

Product description

AirBox E exhaust air elements are suitable for the concealed installation in Lindner LMD metal ceiling systems and Plafotherm® heated/chilled ceiling systems. Being installed on the rear side, they unobtrusively remove room air.

- AirBox E80
- AirBox E135
- AirBox E160



Project solutions

This product data sheet refers to the standard version of the product mentioned above. We would be happy to work with you to find the right solution for your project. Adapted to your building project, you will receive a perfectly matched system. Project-specific constructions and adaptations can be found in the offer documents.

Technical data

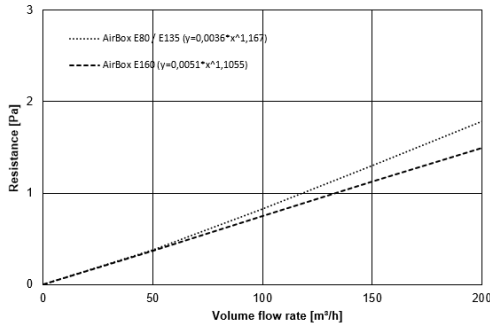
	AirBox E80	AirBox E135	AirBox E160
			
Length	700 mm	700 mm	900 mm
Width	350 mm	350 mm	450 mm
Height	150 mm	175 mm	150 mm
Weight	approx. 4 kg	approx. 4 kg	approx. 7 kg
Connection	DN 100	DN 125	2 x DN 100
Volume flow rate	80 m ³ /h	135 m ³ /h	160 m ³ /h
Sound pressure level	22 dBA	22 dBA	22 dBA



HVAC

Ventilation

Resistance



Combinable with

Metal ceilings	LMD-B 100 LMD-B 110 LMD-E 200 LMD-E 213	LMD-E 214 LMD-E 312 LMD-DS 320
Heated and chilled ceilings	Plafotherm® B 100 Plafotherm® B 110 Plafotherm® E 200 Plafotherm® E 213 Plafotherm® E 214 Plafotherm® E 312	Plafotherm® DS 320 Plafotherm® St 213 Plafotherm® B/E AirHybrid Plafotherm® DS AirHybrid

Prerequisite

Panel length	800 - 1,500 mm
Panel width	450 - 1,000 mm
Perforation	e. g. REGULARline Rd 1,6-25, REGULARline Rv 1,8-20, BASICline Rv 3,0-20 (min. 13 % open area)

Durability

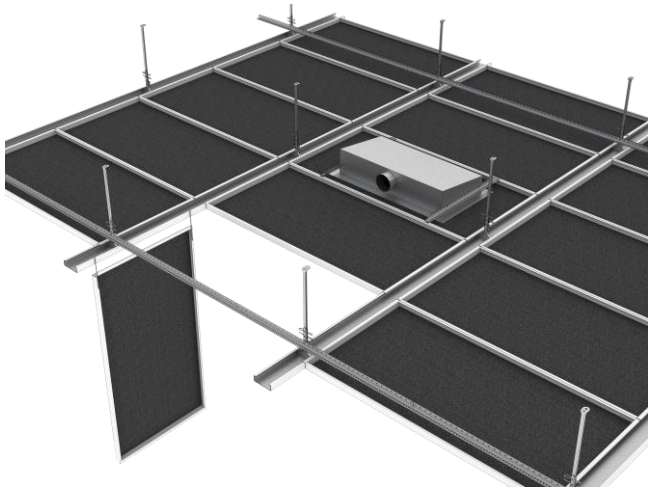
Exposure class	DIN EN 13964	A
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Sustainability

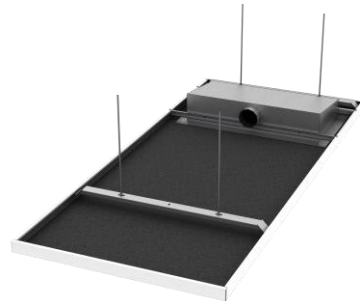
Product self-declaration	A self-declaration according to ISO 14021 is available. The self-declaration provides extensive information about all environmental effects of the product. It can be used in the planning or tender phase to assess all sustainability-relevant aspects. It serves as a data basis for building certification systems such as LEED, DGNB and BREEAM.
EPD (Environmental Product Declaration)	A specific EPD according to the valid standards can be provided. (EN 15804/ ISO 14025)
Circular Economy	By implementing Circular Economy, we avoid waste, toxic substances and environmental pollution. The aim is to achieve a technical cycle, which ensures the separation and the complete re-use of all materials.



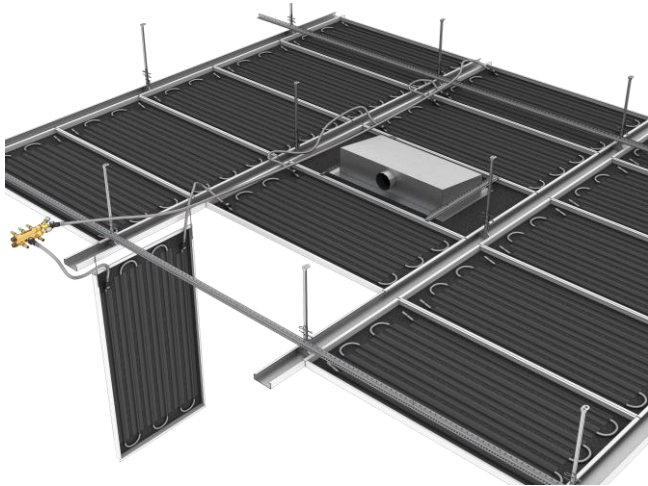
Applications



AirBox E combined with LMD-B 100



AirBox E combined with LMD-DS 320



AirBox E combined with Plafotherm® B 100



AirBox E combined with Plafotherm® DS 320