



AirBeam Discreet

Discreet Heated/Chilled Beam

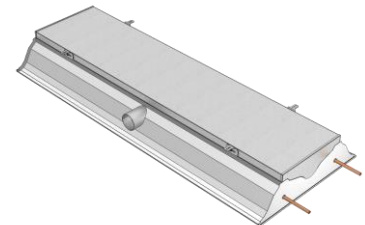
The heated/chilled beam AirBeam is integrated into Plafotherm® heated/chilled ceilings or Lindner LMD metal ceiling systems and can be realised in various designs. AirBeam Discreet is a discreet heated/chilled beam that is adapted to the perforation of the ceiling system and is only visible through small slots on the room side. It is additionally connected to a central air supply machine. Thanks to the targeted air circulation through supply air, high capacities can be achieved with this product.

- single element with same perforation as ceiling panel and smaller slots
- additional connection to a central air supply machine
- high capacities thank to room air cooling



Technical data

Length (L)	1,200 - 1,300 mm
Width (B)	600 - 625 mm
Height (H)	185 mm
Weight	25 - 35 kg
Perforation	REGULARline Rv 1,8-20, Rv 2,0-25, REGULARline Rd 3,0-30
Ventilation connection	DN 100
Volume flow rate	60 - 100 m³/h
Pressure	100 Pa
Waterside pipe connection	12 mm copper pipe
Pressure resistance	16 bar



Fire protection

Building material class

Manufactured from non-combustible materials

Durability

Exposure class	DIN EN 13964	A
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HVAC

Heating and cooling

Ventilation side pressure	100 Pa	100 Pa	100 Pa
Ventilation side volume flow rate	60 - 100 m³/h	60 - 100 m³/h	60 - 100 m³/h
Perforation	REGULARline Rv 1,8-20	Rv 2,0-25	REGULARline Rd 3,0-30
Waterside nominal cooling capacity (10 K) according to EN 14240	390 - 470 W/unit	400 - 480 W/unit	440 - 510 W/unit
Waterside nominal heating capacity (15 K) according to EN 14037:2003	304 - 367 W/unit	312 - 374 W/unit	343 - 398 W/unit

Combinable with

Metal ceilings	<u>LMD-B 100</u> <u>LMD-B 110</u> <u>LMD-E 200</u>	<u>LMD-E 213</u> <u>LMD-E 214</u> <u>LMD-E 312</u>
Heated/Chilled ceilings	<u>Plafotherm® B 100</u> <u>Plafotherm® B 110</u> <u>Plafotherm® E 200</u> <u>Plafotherm® E 213</u>	<u>Plafotherm® E 214</u> <u>Plafotherm® E 312</u> <u>Plafotherm® GK HEKDA®</u> <u>Plafotherm® B/E AirHybrid®</u>

Applications



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.