

Door Air Curtains

Vario



Advantages



Vario at a glance



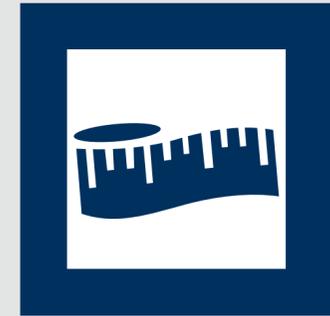
Details



Control options



Performance data



Dimensions

Step this way

A single step – and your clientele finds itself in a pleasant sales environment. Open doors lower customers' threshold of inhibition to enter a shop. And at the same time, Vario air screening reduces energy losses and increases comfort in your entrance area.



Advantages



Overview



Details



Control



Performance



Dimensions



Contact

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Simple and sophisticated

Entrance areas show their best side with simple and proven technology in an elegant and slimline housing. Not only that. You can effectively use your entire sales floor thanks to Vario air screening.



Advantages



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Lowmaintenance

Make your in-house technician your friend: he simply needs to release the two locking latches on the inlet grille and remove the filter without the need for tools. The visual inspection of your heat exchanger is that easy.



Advantages



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So versatile

We can help when it comes to deciding whether your unit should be horizontal, vertical, within a casing by others or with casing extensions for the appearance of a continuous unit. That's what sets Kampmann service apart. All special requests are, of course, always considered.



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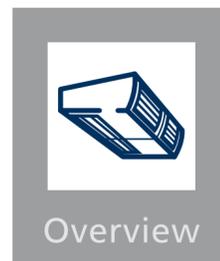
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Perfectly controlled

Simple control by stage switch or conveniently using the KaControl.
Door air curtains can also be flexibly integrated in automation systems via the KaControl's BMS interfaces.



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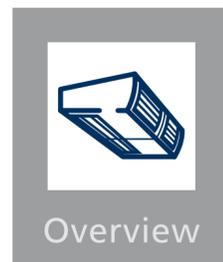


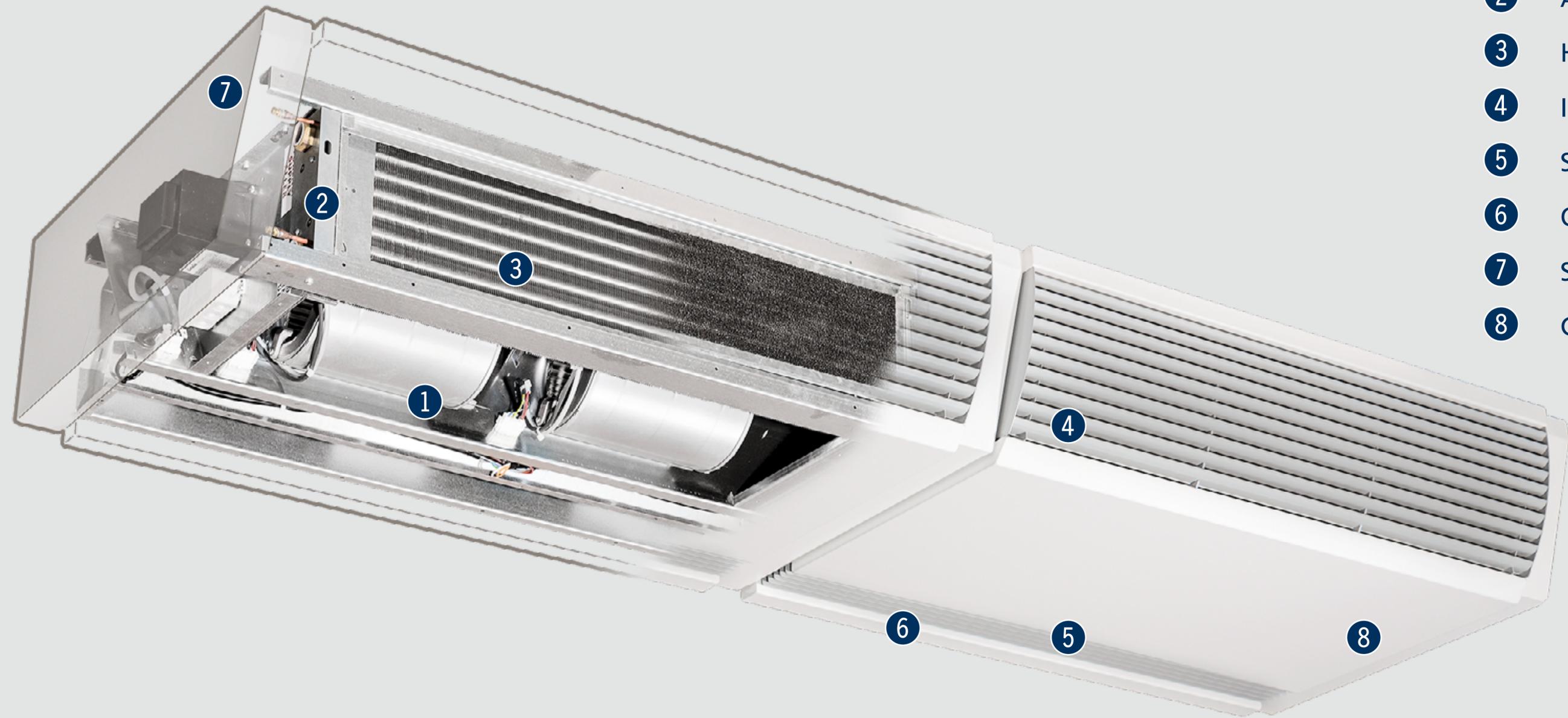
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Fast delivery

Short delivery times give you flexibility and speed: standard Vario door air curtains can be on site only seven days after technical clarification. You can rely on us. After all, your customers rely on you.





- 1 Radial fan
- 2 Anti-twist device
- 3 High-output heat exchanger
- 4 Intake air grille
- 5 Service hatch
- 6 Outlet air rectifier
- 7 Side panel
- 8 Casing



Advantages



Overview



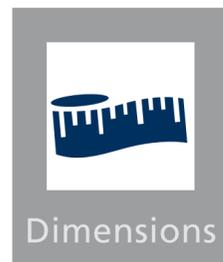
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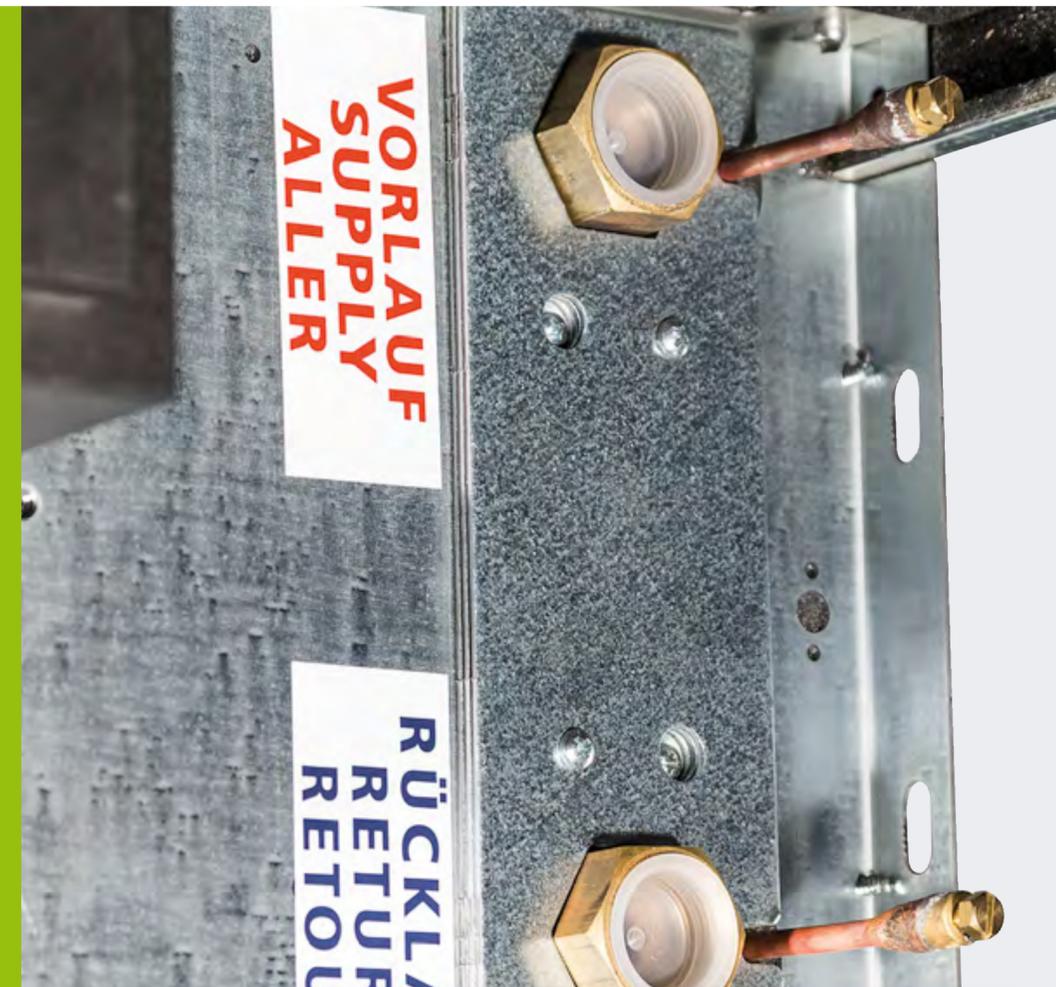
Radial fan

- ▶ powerful radial fans for high air volumes
- ▶ wired ready for connection
- ▶ switchable between 5 stages



High-output heat exchanger

- ▶ proven combination of copper and aluminium



Anti-twist device for heating connection

- ▶ prevents damage to the heat exchanger when connecting the valves
- ▶ optional: valves (accessories)



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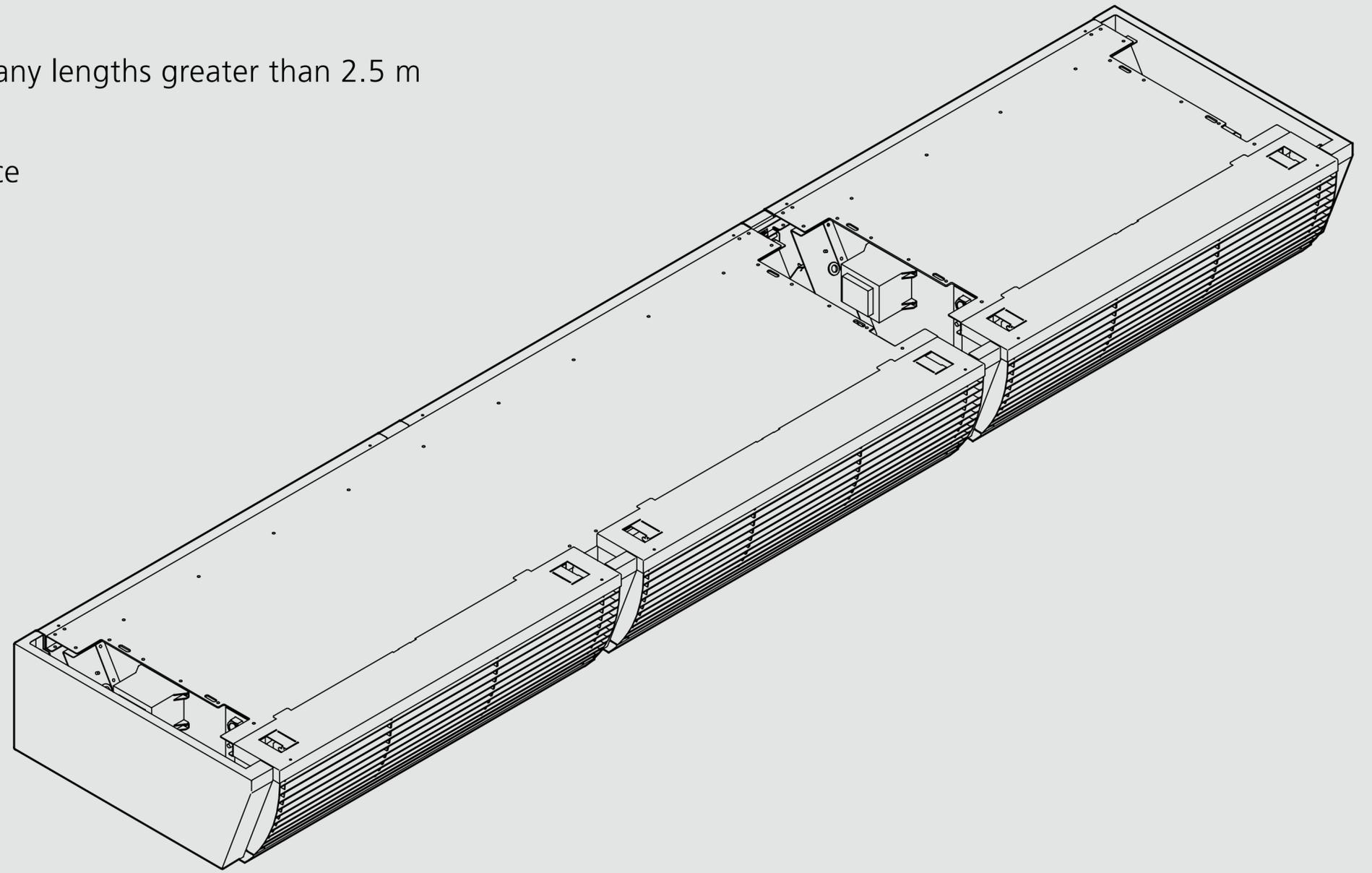
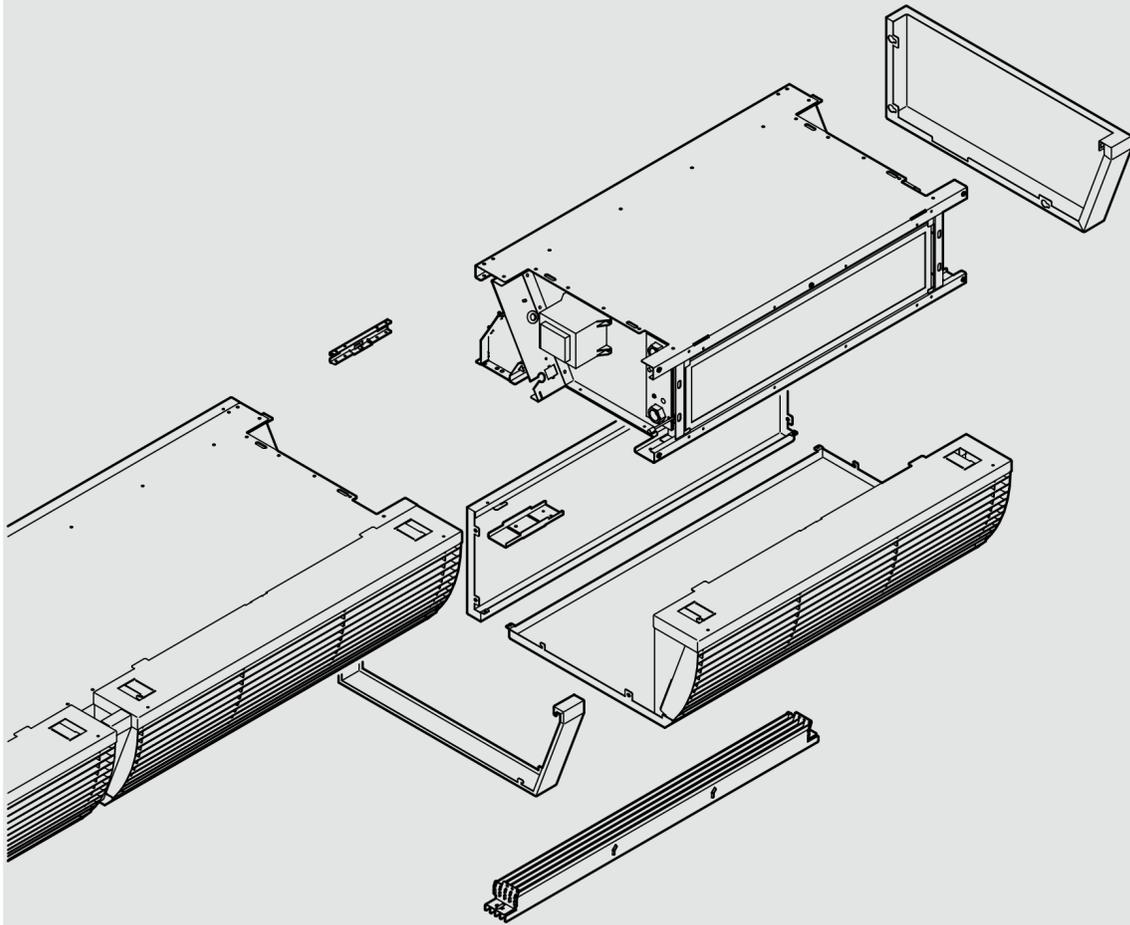


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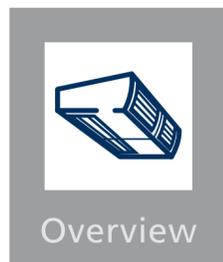
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Modular construction – for wider entrances

- ▶ thanks to the modular construction of the Vario air curtain, any lengths greater than 2.5 m (horizontal and vertical) can be installed as a continuous run
- ▶ with casing extensions providing for a continuous appearance



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Control options

KaControl room automation



- ▶ KaControl technology factory integrated for setting up entire networked systems based on the KaControl
- ▶ interfaces for BACnet* or as an optional plug-in assembly as Modbus building automation
- ▶ 0 – 10 V analog input for controlling the fan and valve via a single data point
- ▶ design room control unit with intuitive user navigation
- ▶ integrated timer program

** integrated web server*

5-stage summer-winter switch* surface-mounted



- ▶ in conjunction with thermoelectric
- ▶ shut-off valve (accessory)
- ▶ in a contemporary housing light-grey

** other stage switches are available*



Performance data Vario

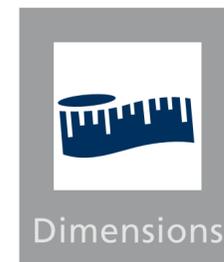
model	max. discharge height ¹⁾	max. door width	air volume ²⁾	heat output ³⁾	sound pressure level ⁴⁾
	[m]	[m]	[m ³ /h]	[kW]	[dB(A)]
10	2,3–3,0	1,0	600 – 1390	6,7 – 10,2	36 – 57
15		1,5	930 – 2130	9,6 – 17,4	37 – 58
20		2,0	1210 – 2820	13,1 – 24,2	39 – 59
25		2,5	1660 – 4000	18,0 – 33,9	40 – 60

¹⁾ at low to medium pressure, requirements and conditions

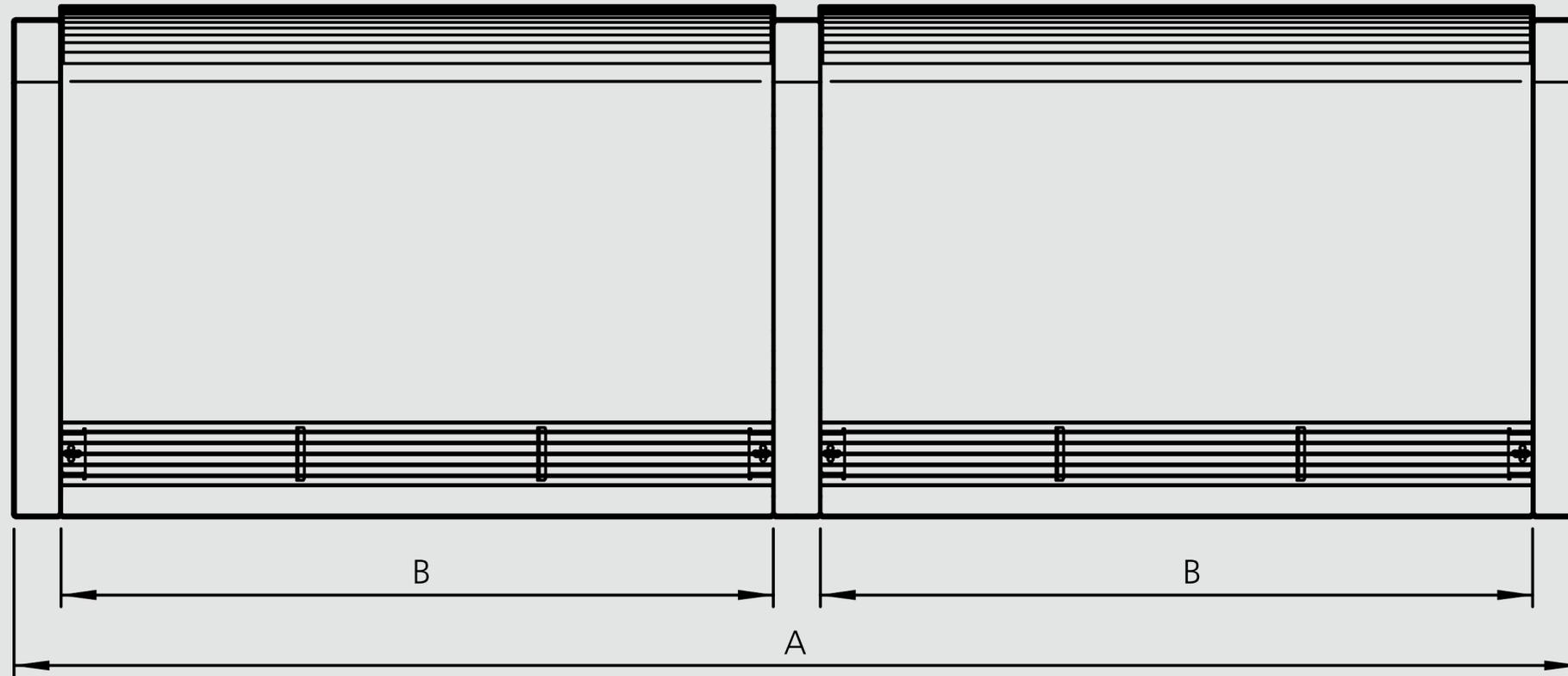
²⁾ switchable through 5 stages

³⁾ at LPHW 75 / 65 °C, $t_{L1} = 20$ °C

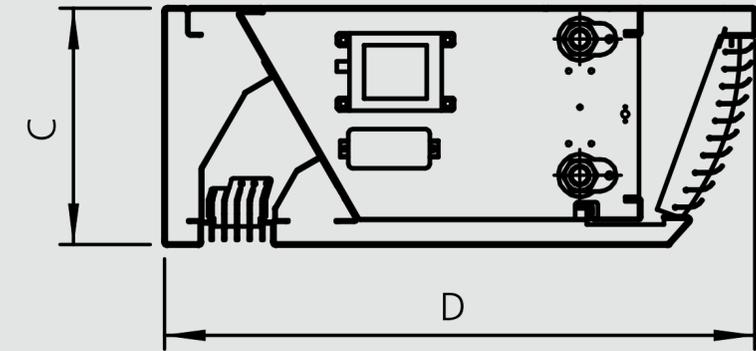
⁴⁾ at a distance of 3 metres



Dimensions



view from below



cross-section

Vario model	A	B	C	D
	[mm]	[mm]	[mm]	[mm]
10	1000	880	260	650
15	1500	1380	260	650
20	2000	910	260	650
25	2500	1160	260	650



Benefits for you!

Kampmann offers you the following service benefits:

- ▶ on-site consultation
- ▶ planning support
- ▶ system solutions
- ▶ detailed discussions
- ▶ After Sales Service

Find your contact person here:
[Kampmann.co.uk/contact](https://www.kampmann.co.uk/contact)



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