

Overview

Advantages

Details

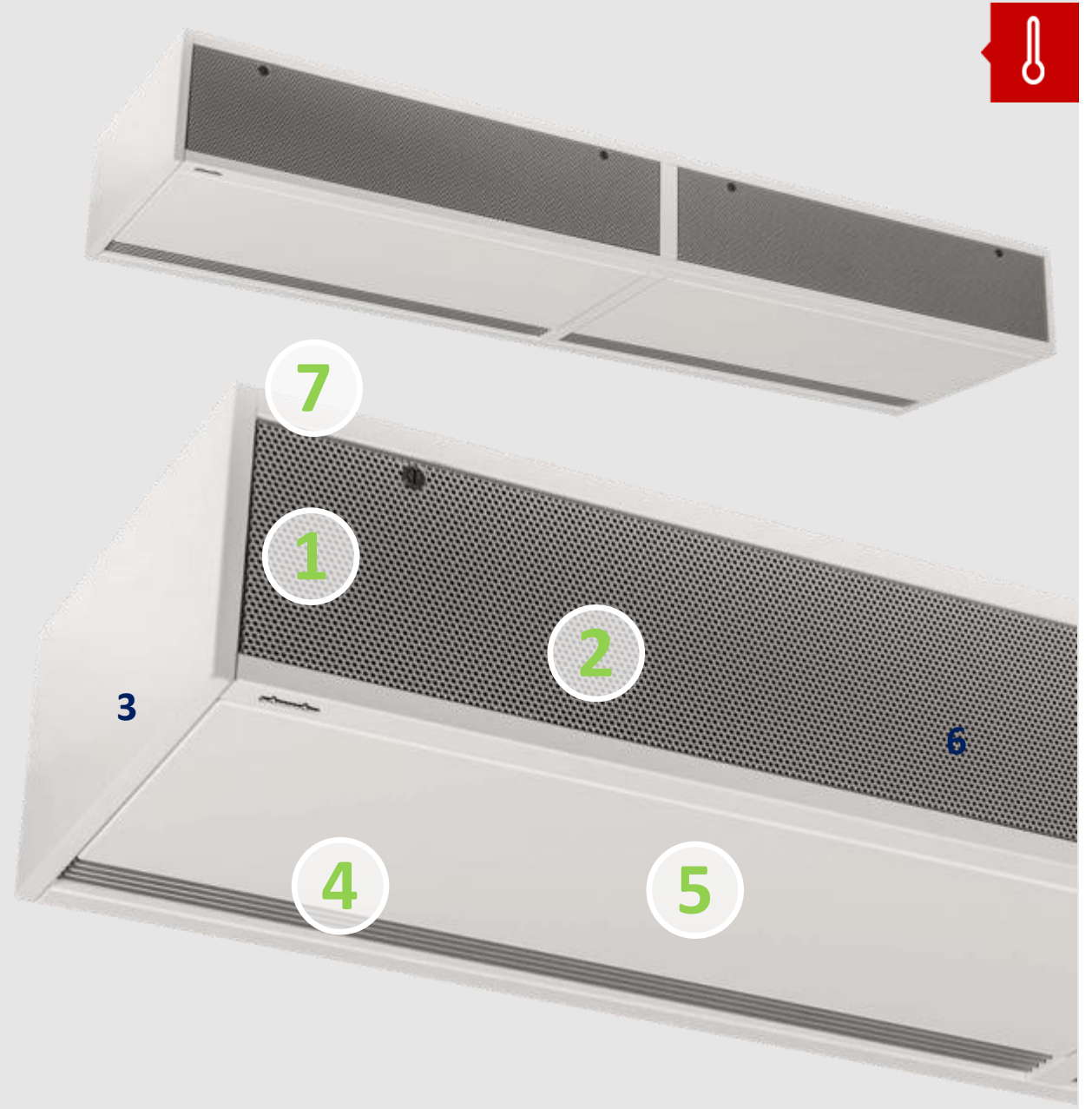
Data

Video

UniLine

The value-for-money design
for all standard applications

- 1 EC radial fan
- 2 High-output heat exchanger
- 3 Casing
- 4 Silent Automation
- 5 Service flap
- 6 Air inlet grille
- 7 Anti-twist device



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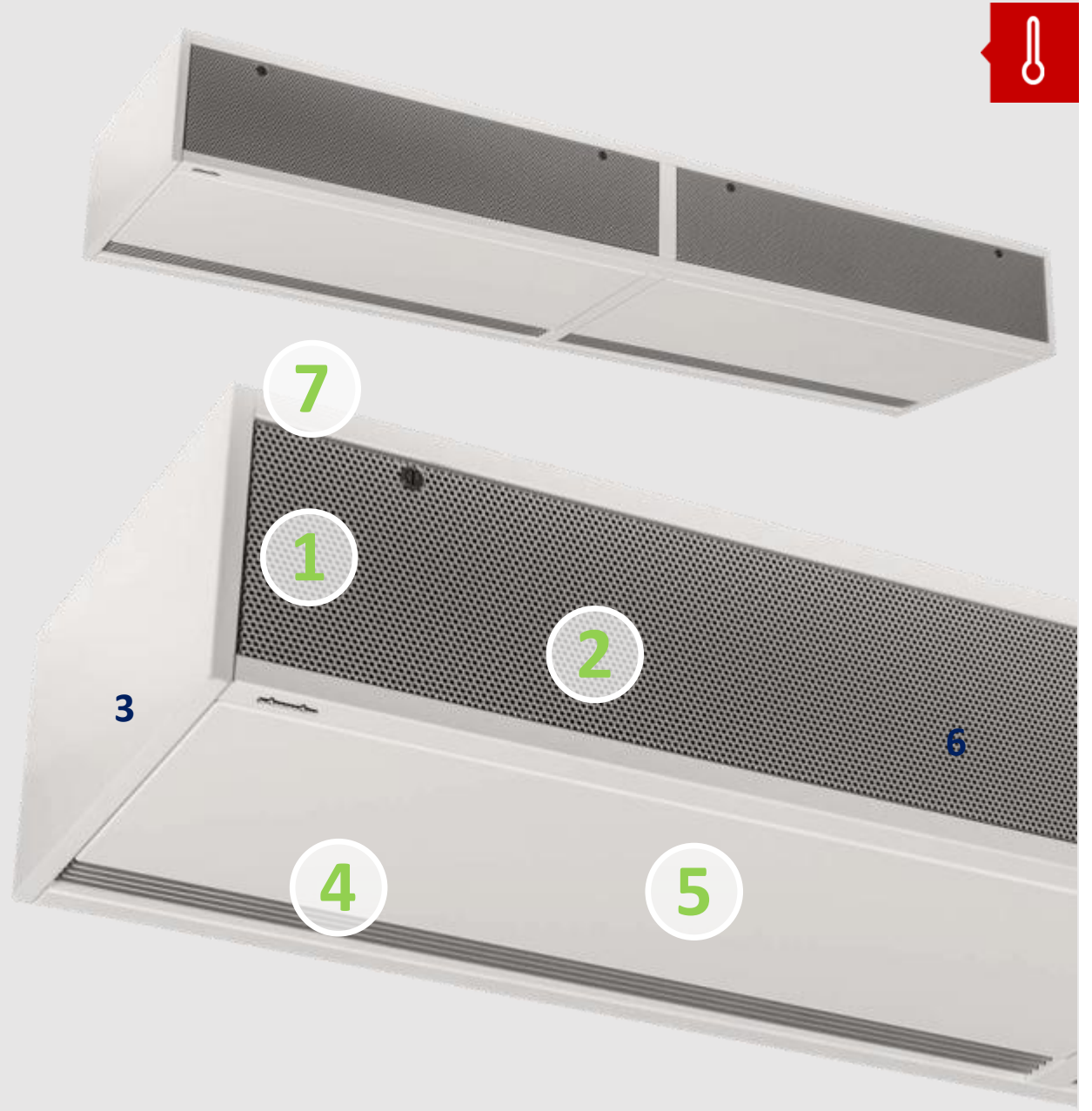
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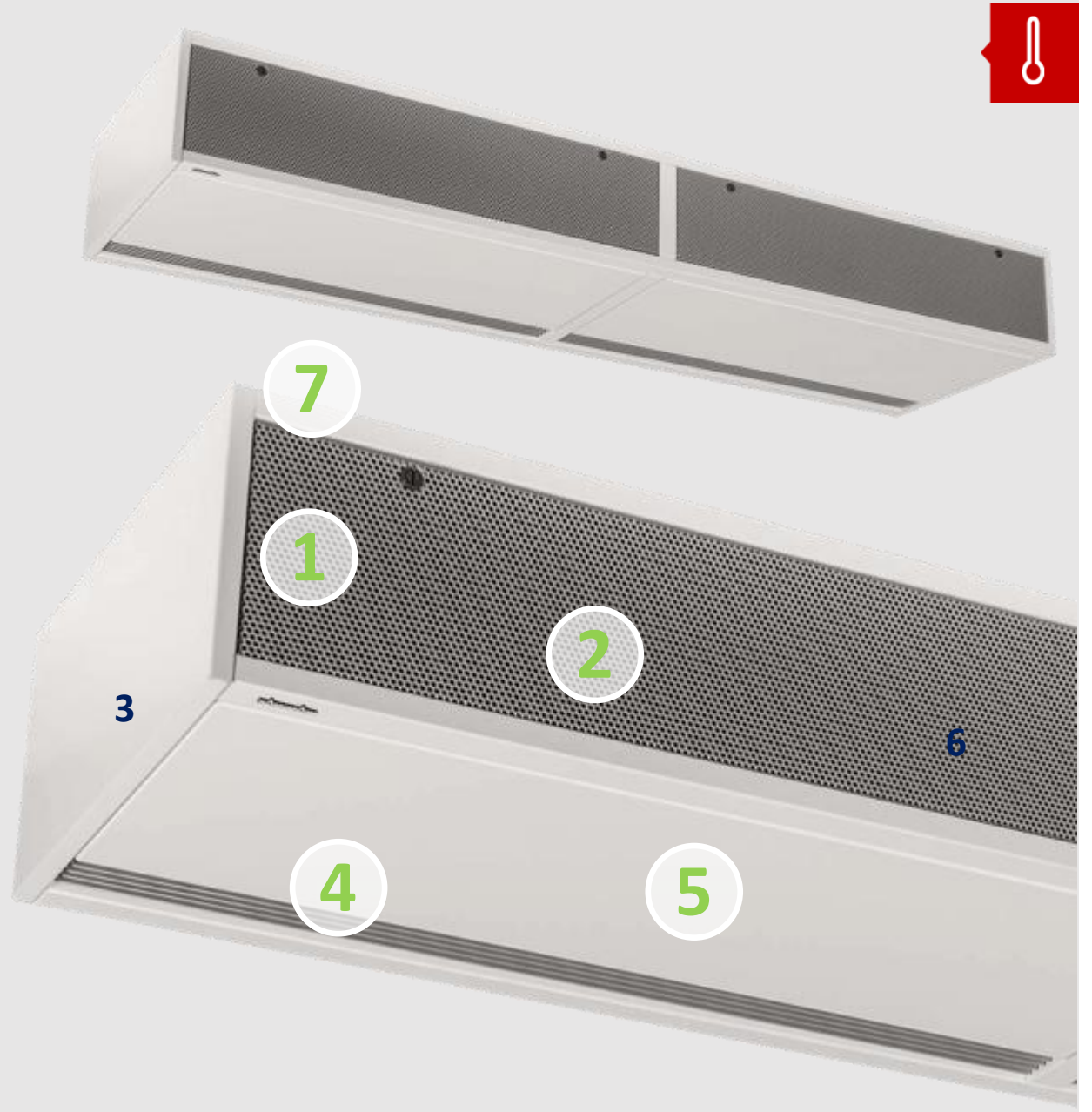
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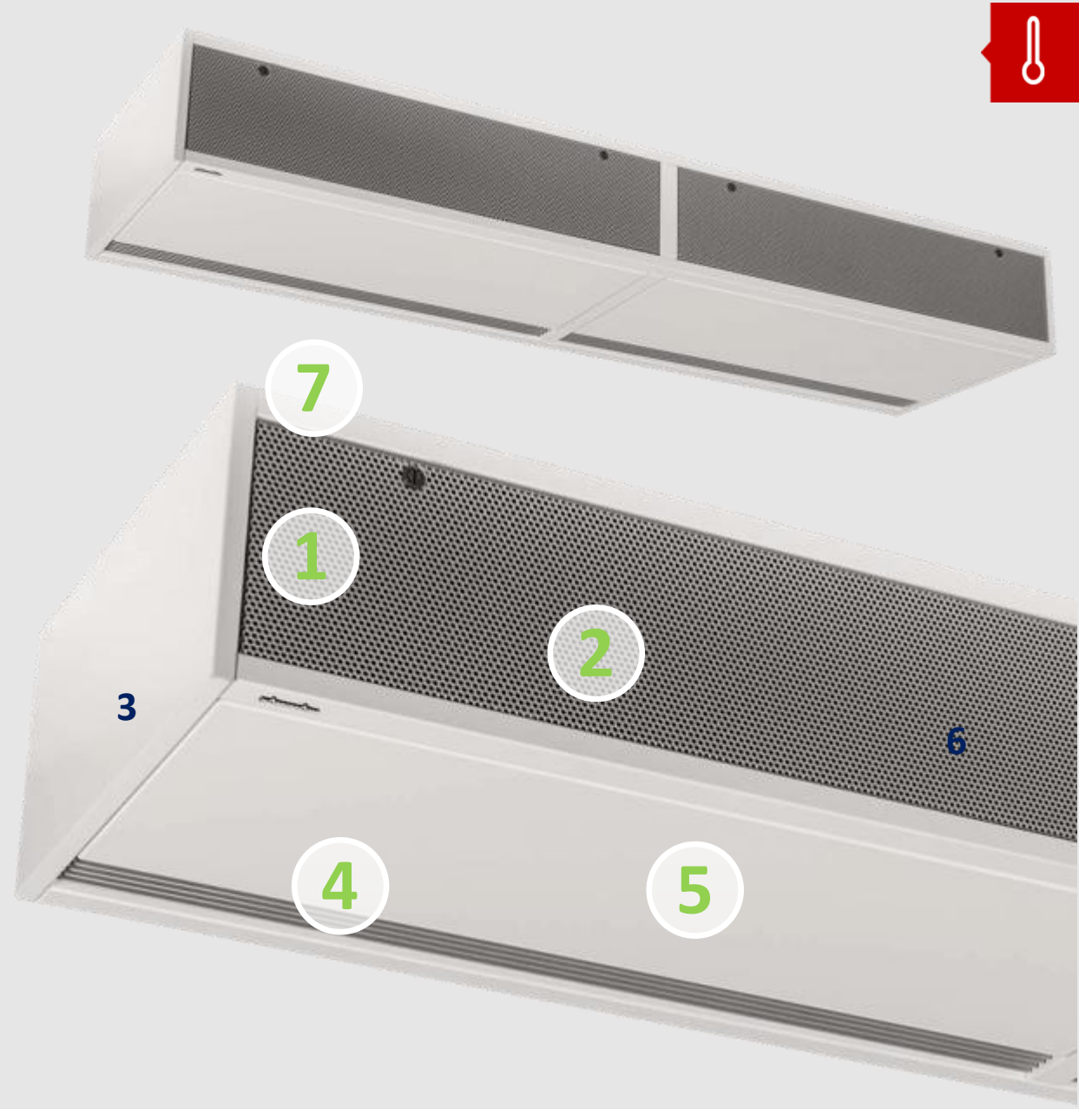
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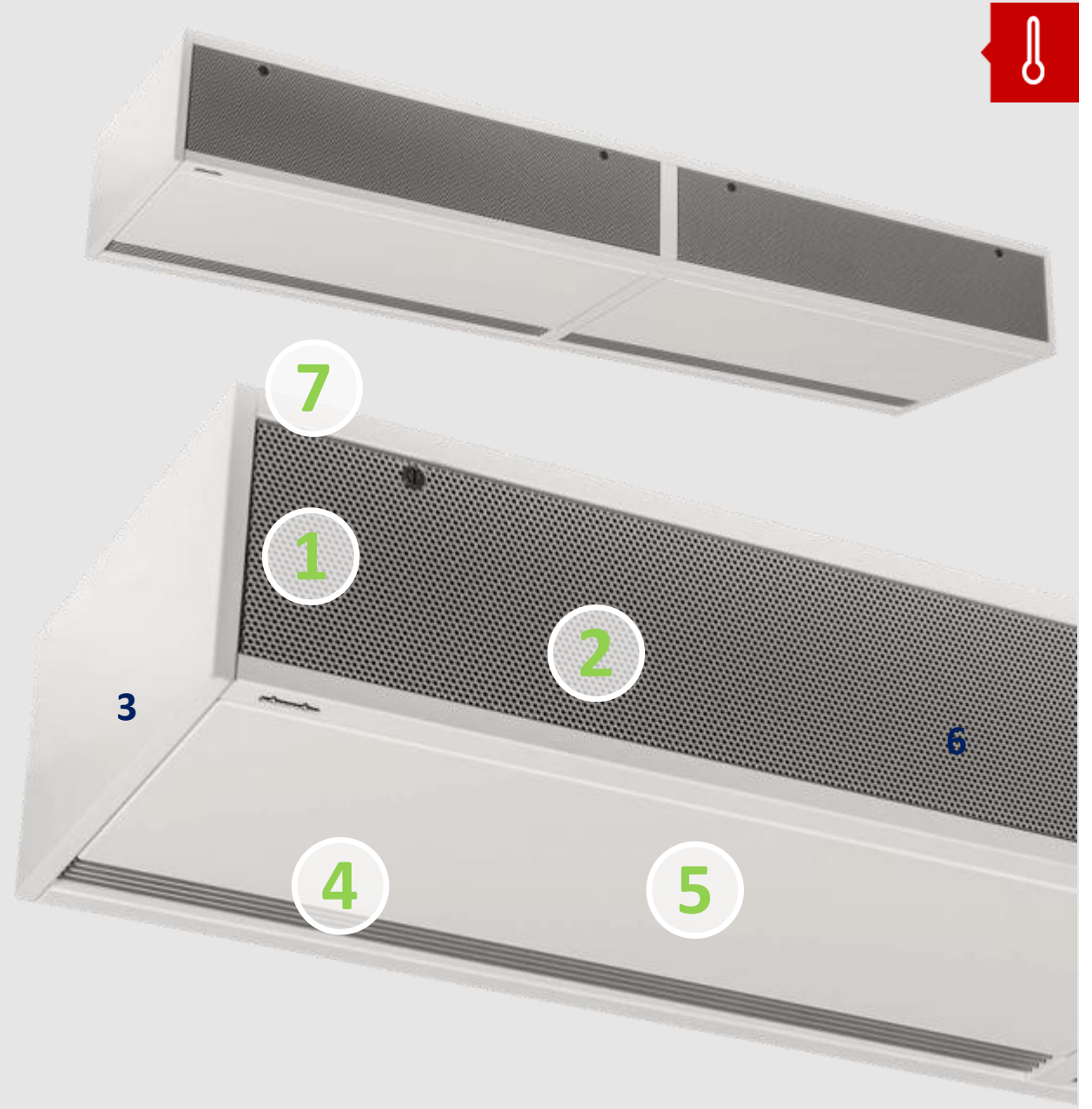
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UniLine

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For “yes-men“

Advantages

Would you like lower investments? And high-performance? Then you simply should not deprive your customers of the UniLine.

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Step this way!

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One step – and your customers are in a pleasant sales environment. Open doors reduce our reluctance to enter a shop – and besides, UniLine air screening reduces energy losses.

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Energy-saving and silent

Silent AutoMotion (SAM) allows high air discharge velocities at low air volumes. The operation in a low mode results in reduced sound emissions. The UniLine features an energy-efficient drive concept through the use of EC technology.

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Small shops and

large shopping malls UniLine door air curtains effectively screen doors against cold air. From one to three metres in height, individually or as a wide frontage.

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Maintenance-friendly

Make your in-house facilities manager your friend: the large filter, including frame and intake grille, can be removed with ease. The large maintenance access panel is practical. The entire underside of the unit can be opened by a few simple actions.

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A reliable choice

UniLine is the door air curtain all-rounder. You can reliably choose the right unit for your project from our streamlined and comprehensive range.

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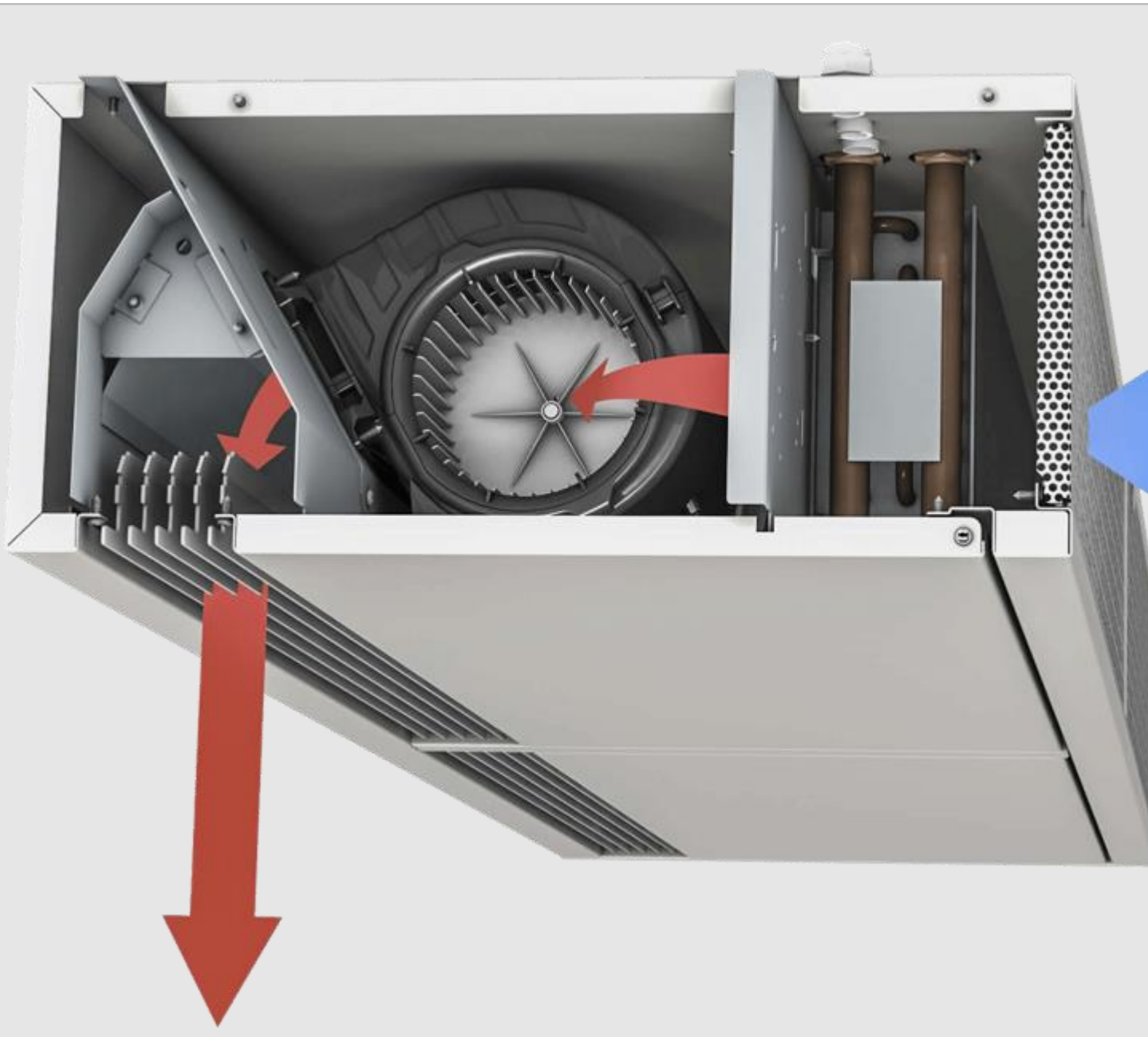
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Heat exchanger



Radial fan



Service flap



Anti-twist device



Air inlet grille



SAM technology



Control

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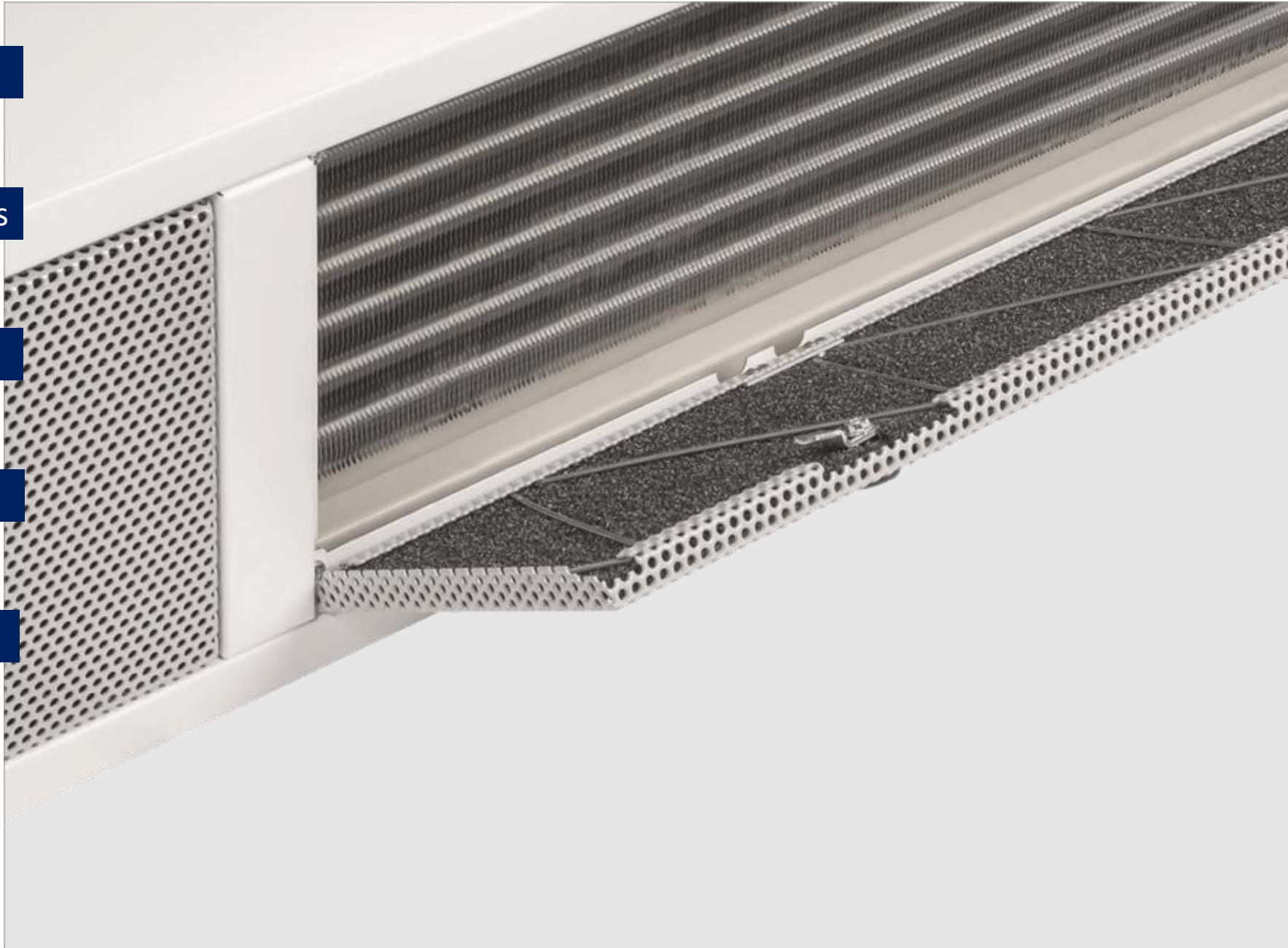
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Combined controller



- fan speed control 0-100 %
- operation mode switch standby, winter and summer
- control input door contact for automatic speed-up and device release
- optional: room temperature mode (standby mode) in absence operation

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KaControl room automation

- Can be used with EC and AC fans
- Factory fitted KaControl technology to set up complete networked systems based on a KaControl system
- Interfaces for BACnet* or Modbus building automation as an optional plug-in module
- 0-10 V analogue input to control the fan and valve via a single data point
- Room control unit design with intuitive user guidance
- Integrated timer program

Video



KaController
with side operating keys



KaController
with one-button operation



Heat exchanger



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Service flap



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Air inlet grille



SAM technology



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Performance data

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Size	Max. discharge height ¹⁾ [m]	max. door width [m]	Air volume ²⁾ [m ³ /h]	Heat output ³⁾ [kW]	Sound pressure level ⁴⁾ [dB(A)]
UniLine with AC motor					
10	2,0 - 3,0	1,0	600 - 1390	6,7 - 10,2	36 - 57
15	2,3 - 3,0	1,5	930 - 2130	9,6 - 17,4	37 - 58
20	2,3 - 3,0	2,0	1210 - 2820	13,1 - 24,2	39 - 59
25	2,3 - 3,0	2,5	1660 - 4000	18,0 - 33,9	40 - 60
30	2,3 - 3,0	3,0	2210 - 5330	24,1 - 44,2	42 - 62
UniLine with EC motor					
10	2,0 - 3,0	1,0	290 - 1410	3,4 - 10,3	27 - 56
15	2,3 - 3,0	1,5	410 - 2540	5,3 - 19,5	31 - 57
20	2,3 - 3,0	2,0	580 - 2820	7,6 - 24,1	30 - 59
25	2,3 - 3,0	2,5	710 - 3980	9,6 - 33,7	33 - 60
30	2,3 - 3,0	3,0	810 - 5080	11,1 - 42,8	34 - 60

¹⁾ at good to average pressure ratios/requirements/conditions

²⁾ switchable in 5 stages or continuously variable

³⁾ at LPHW 75/65 °C, EAT = 20 °C

⁴⁾ the sound pressure levels were calculated based on an expected room insulation of 16 dB(A). This corresponds to a distance of 3 m, a room volume of 2000 m³ and a reverberation time of 1.0 s .



Performance data

Dimensions

Comparison EC/AC 1

Comparison EC/AC 2

SAM function

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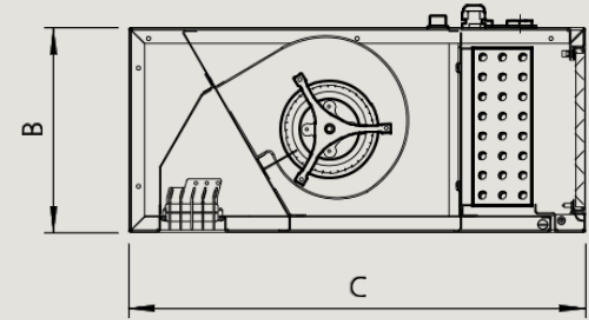
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Size	A	B	C
	[mm]	[mm]	[mm]
10	1000	260	580
15	1500	260	580
20	2000	260	580
25	2500	260	580
30	3000	260	580



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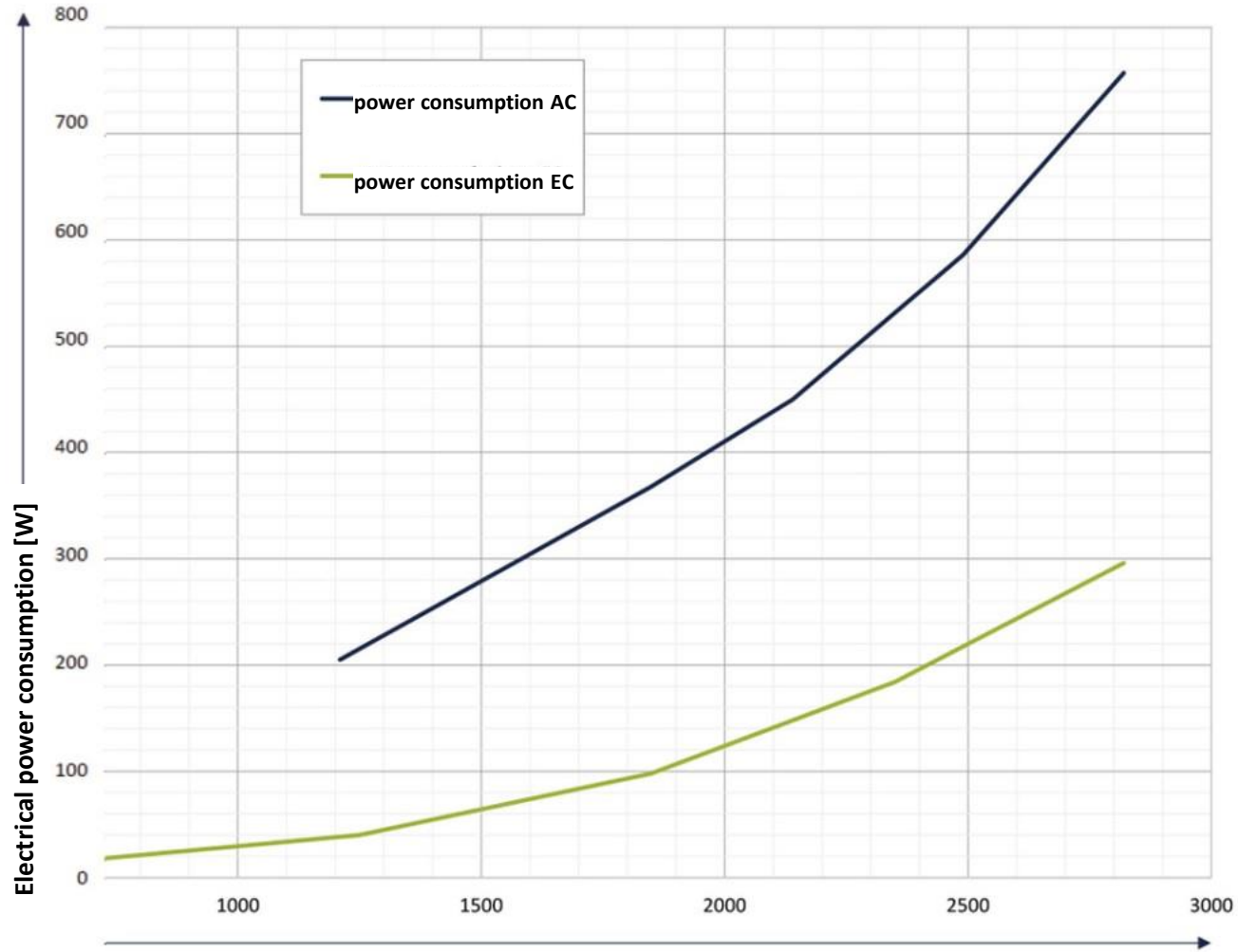
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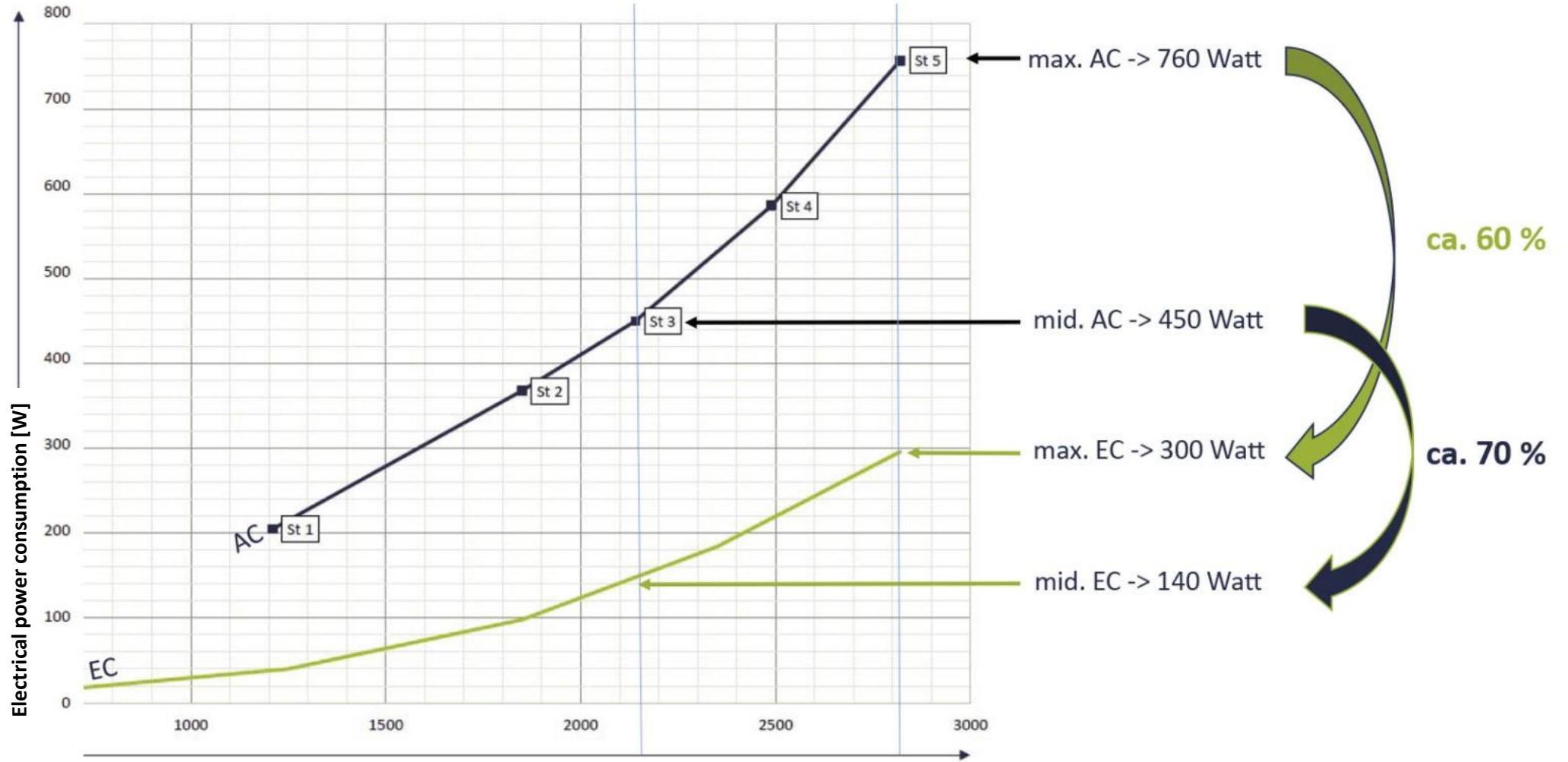
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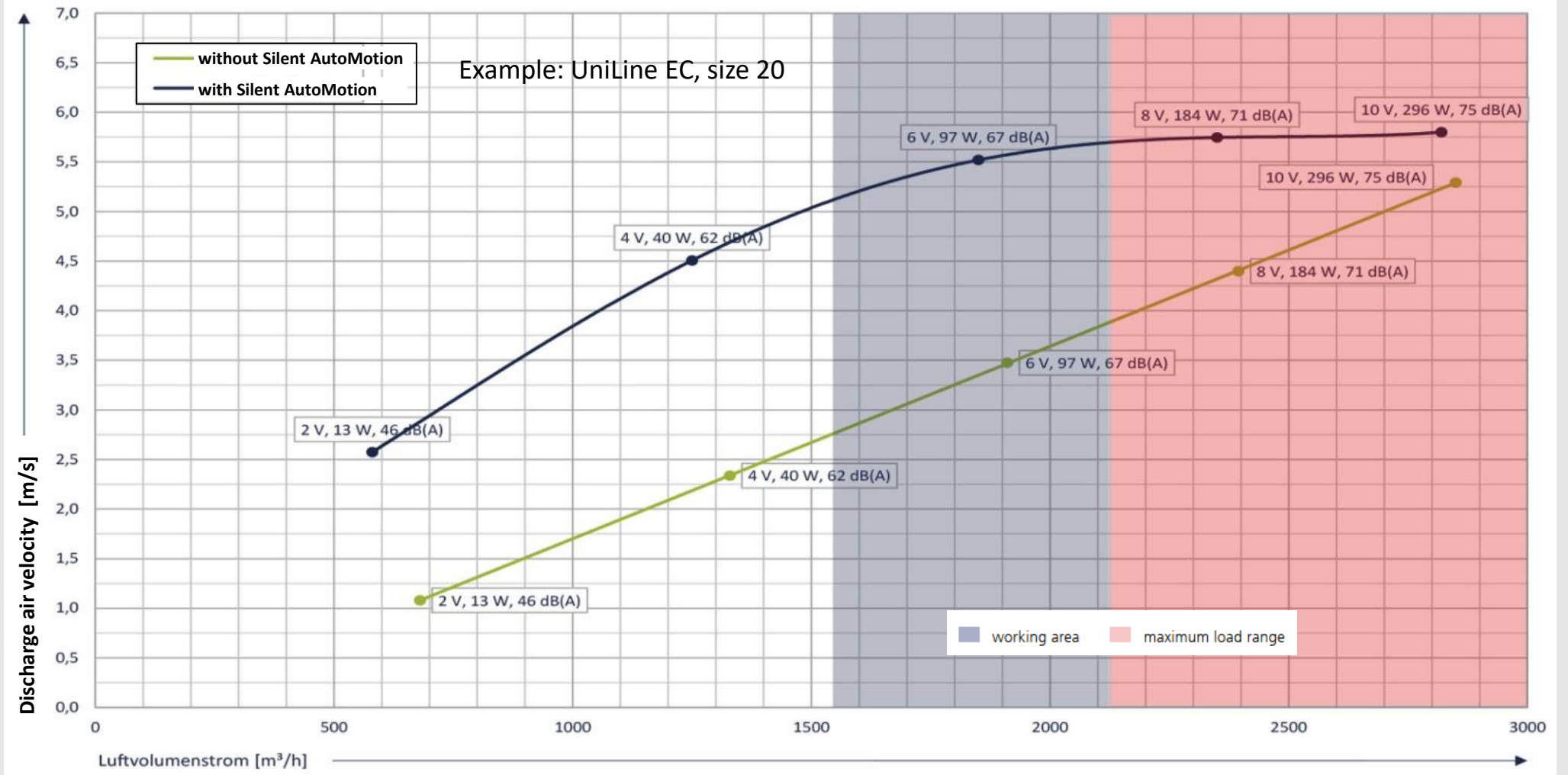
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UniLine

