Overview

Data

Tandem ceiling cassette unit

Ambient and warm air stream for effective cold air screening.

1 EC radial fan

2 High-output heat exchanger

3 Access panel

4 Outlet air rectifier

5 Air inlet grille

6 Anti-twist device

PATENTED
EP 1462730

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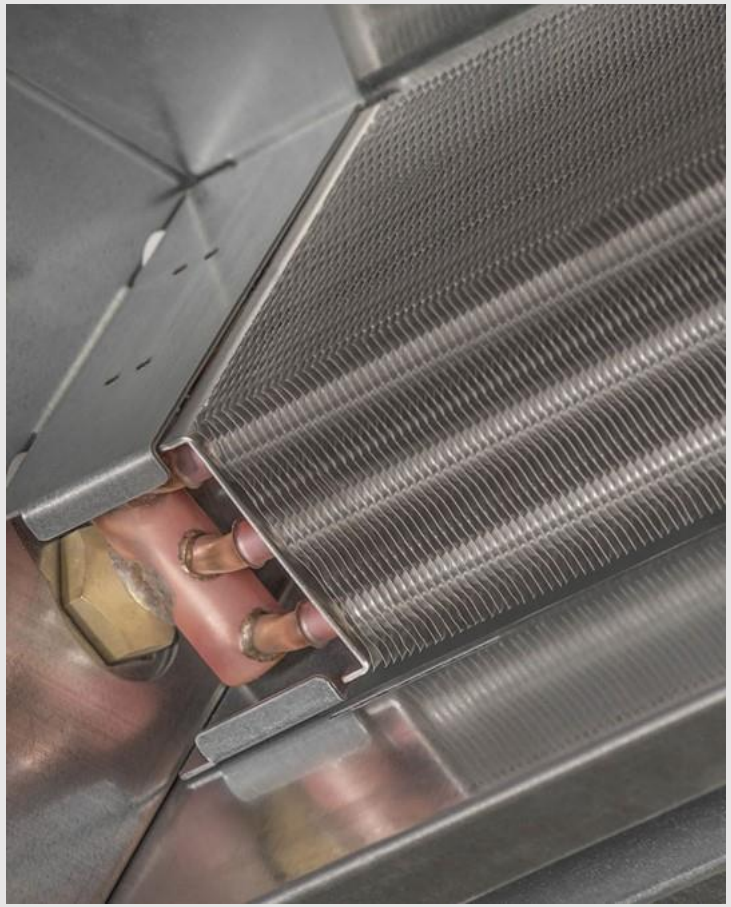

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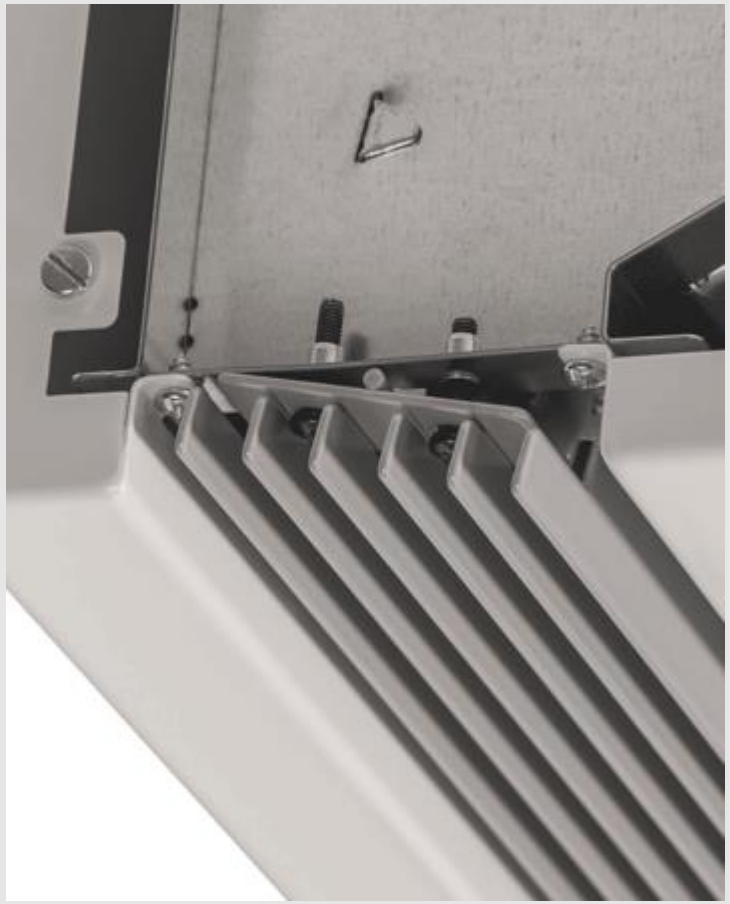

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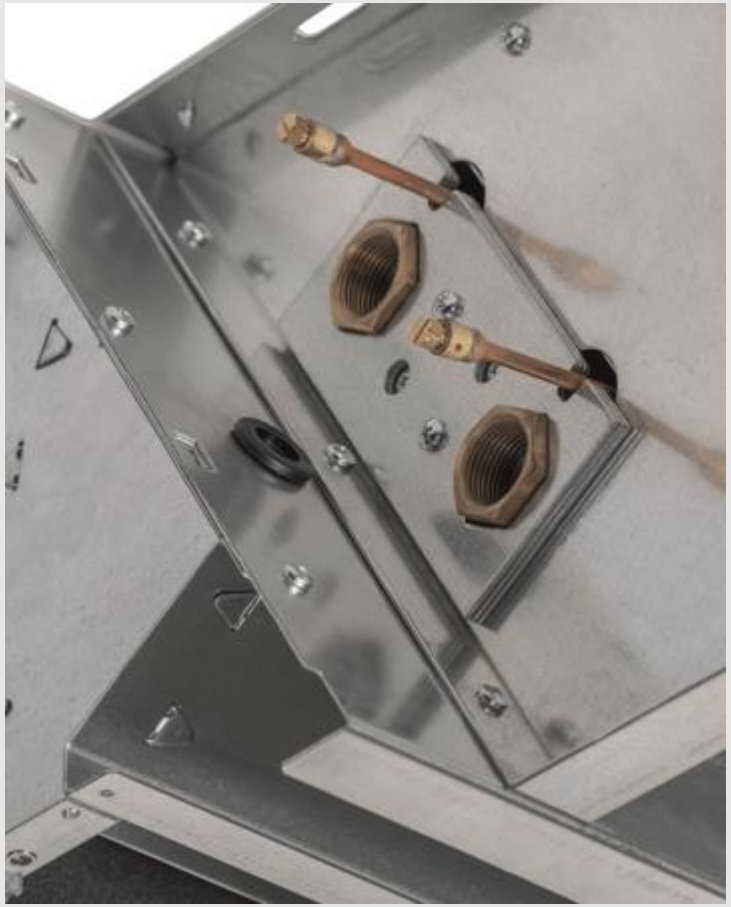

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Performance data Tandem ceiling cassette unit

Data

Size	max. discharge height [1]	max. door width	Air volume [2]	Heat output [3]	Sound pressure level [4]
	[m]	[m]	[m³/h]	[kW]	[dB(A)]
12	2,7 - 3,2	1,25	700 - 2030	4,6 - 9,6	32 - 61
20	2,7 - 3,2	2,00	1200 - 3830	8,3 - 18,5	35 - 63
25	2,7 - 3,2	2,50	1480 - 5410	10,8 - 26,5	37 - 63
30	2,7 - 3,2	3,00	1850 - 5810	13,5 - 30,1	37 - 65

[1] at good to average pressure ratios/requirements/conditions
[2] total, 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 (in accordance with VDI 2081).

Performance data Tandem cassette unit

Dimensions Tandem cassette unit

Comparison EC/EC Tandem cassette unit

Overview

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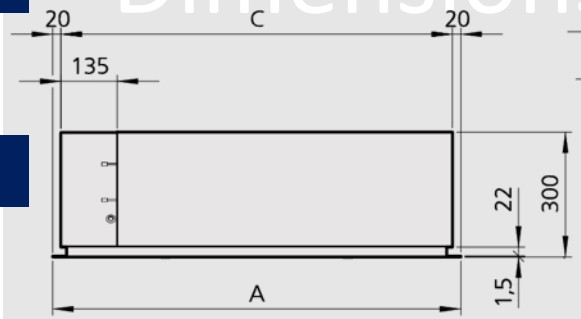
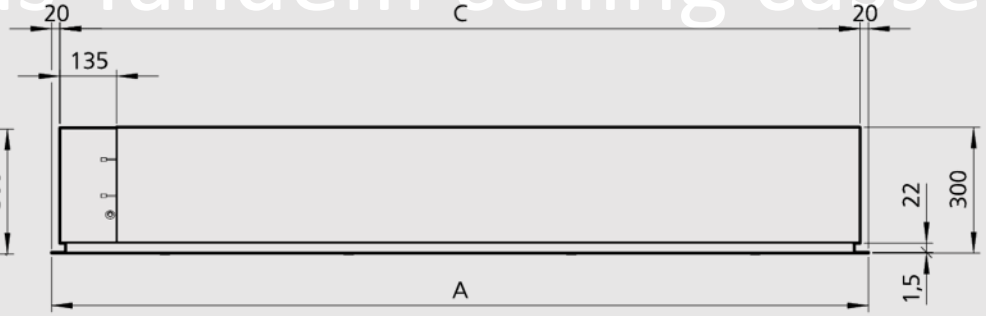
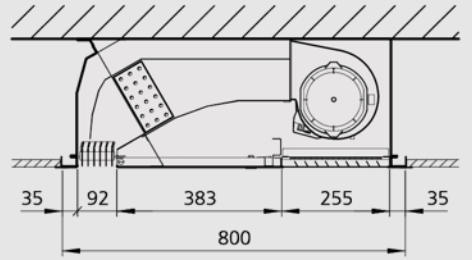
Dimensions Tandem ceiling cassette unit



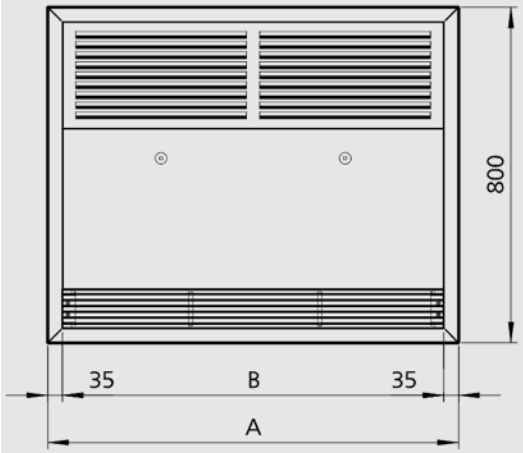
Front view (Ex. Size 12)



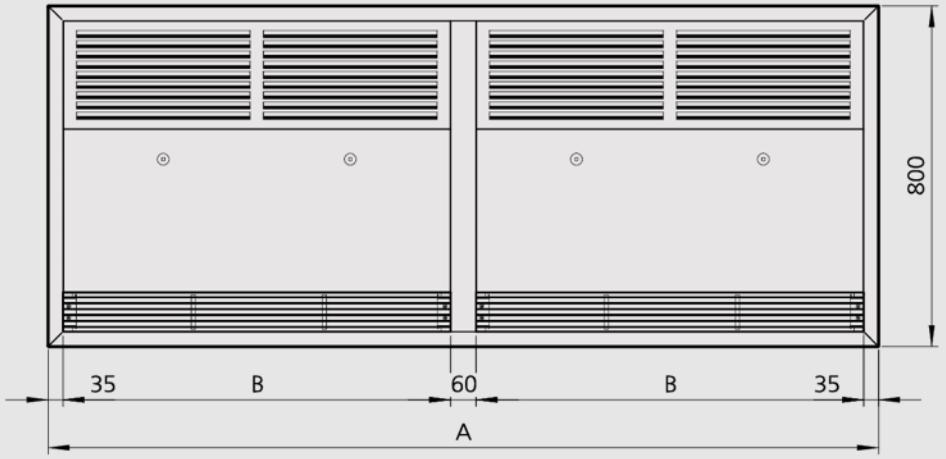
Front view (Ex. Size 20)



Cross section



View from below (Ex. Size 12)



View from below (Ex. Size 20)

Size	A	B	C
	[mm]	[mm]	[mm]
12	1200	1130	1160
20	1950	910	1910
25	2450	1160	2410
30	2950	1410	2910

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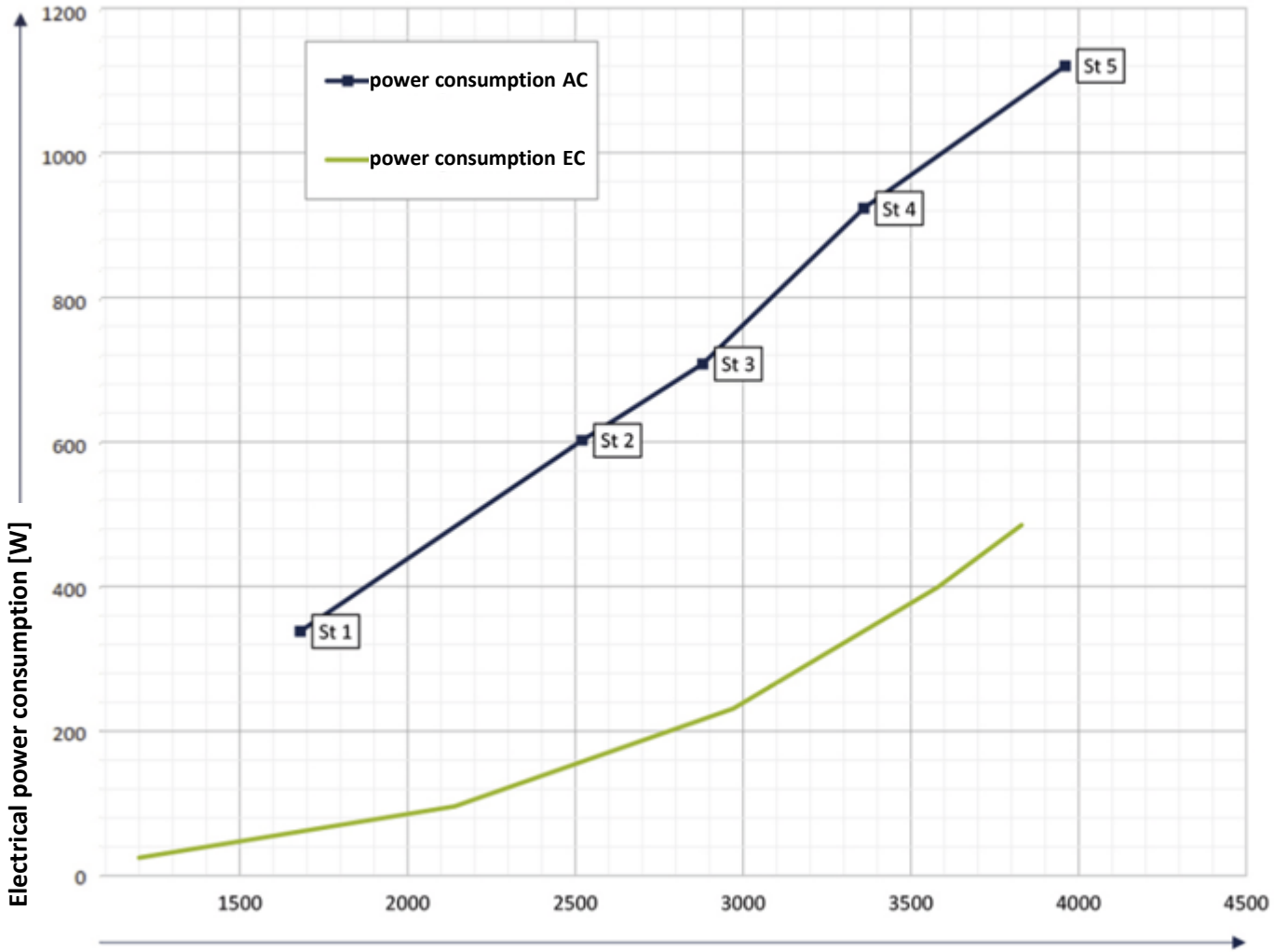

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