

Trench Heating

Katherm QK nano

Tested
according to:
EN 16430
parts 1+2



Plenty of space for new ideas

The Katherm QK nano feels especially at home when space is at a premium. Its compact trench dimensions enable maximum interior space to be utilised. Ideal for large office complexes.

So small, yet so much comfort

In spite of having a trench height of only 70 mm (2.75") and a trench width of only 165 mm (6.5"), the Katherm QK nano offers an enviable performance that makes your space wonderfully comfortable.



Creates an ideal indoor climate

The flow-optimised air guidance, with a façade-side air outlet, ensures maximum comfort in the room. With guaranteed output measured according to EN 16430.

It's your choice

Whether for new build or refurbishments. The interplay of quietly operating EC tangential fan and high-output copper/aluminium coil delivers an optimum indoor climate with high heat output and low sound impact.

Advantages 2 | 3

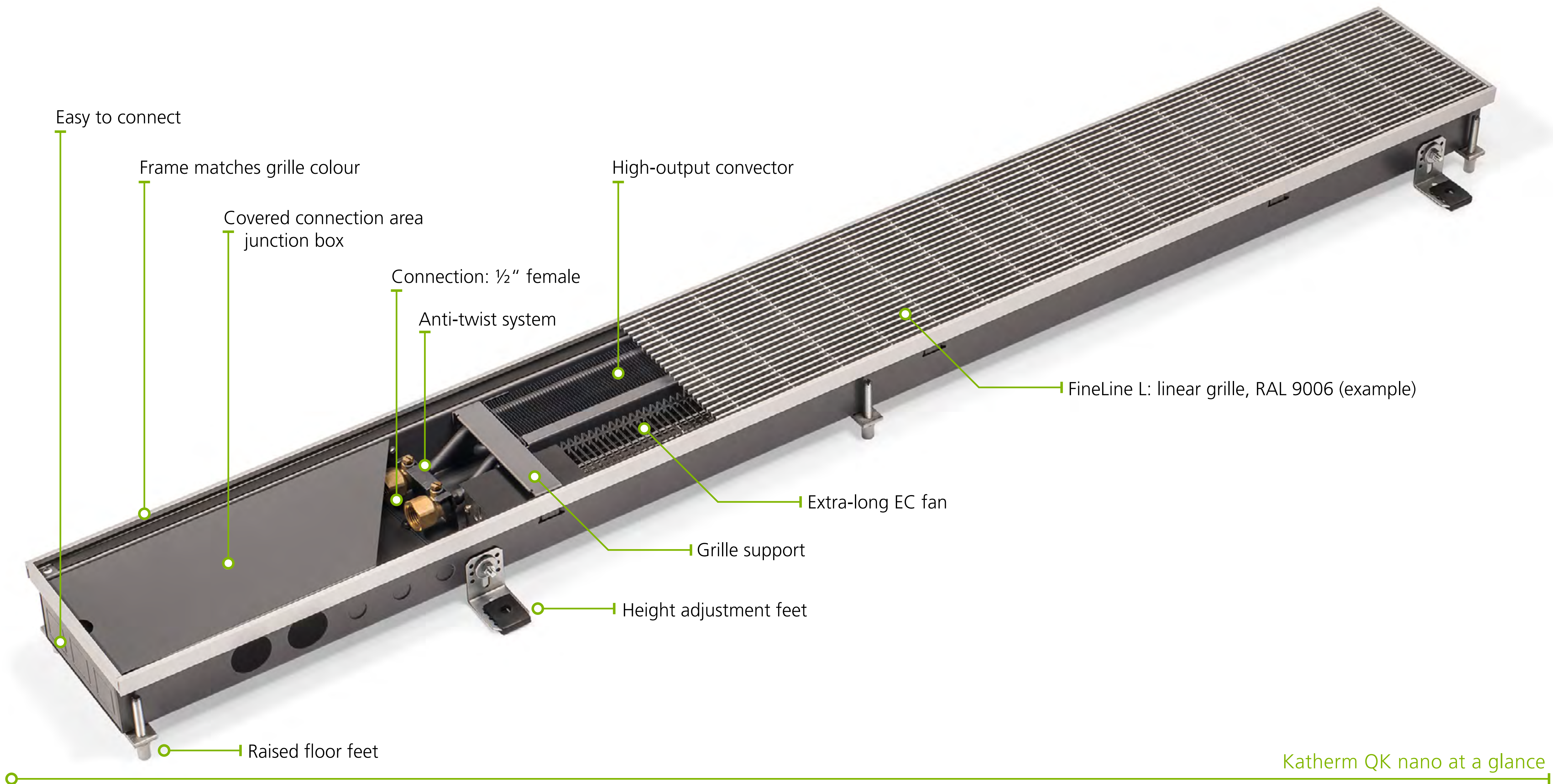


A harmonious unit

Flat, delicate, restrained! The FineLine grille was developed specifically for the Katherm QK nano and creates a harmonious appearance that blends perfectly with every interior architectural style.

Beautifully framed

The matching frame trim for every FineLine grill – not a problem with the Katherm QK nano. The icing on the cake for a perfect look.



Katherm QK nano at a glance



Connection area

- > For valves and electrical components
- > With cover for visual protection and to protect against dirt



Anti-twist system

- > Prevents damage to the convector when installing the valves or threaded connectors



Height adjustment feet

- > For the simple fixing of the floor trench
- > With rubber underlay for acoustic decoupling



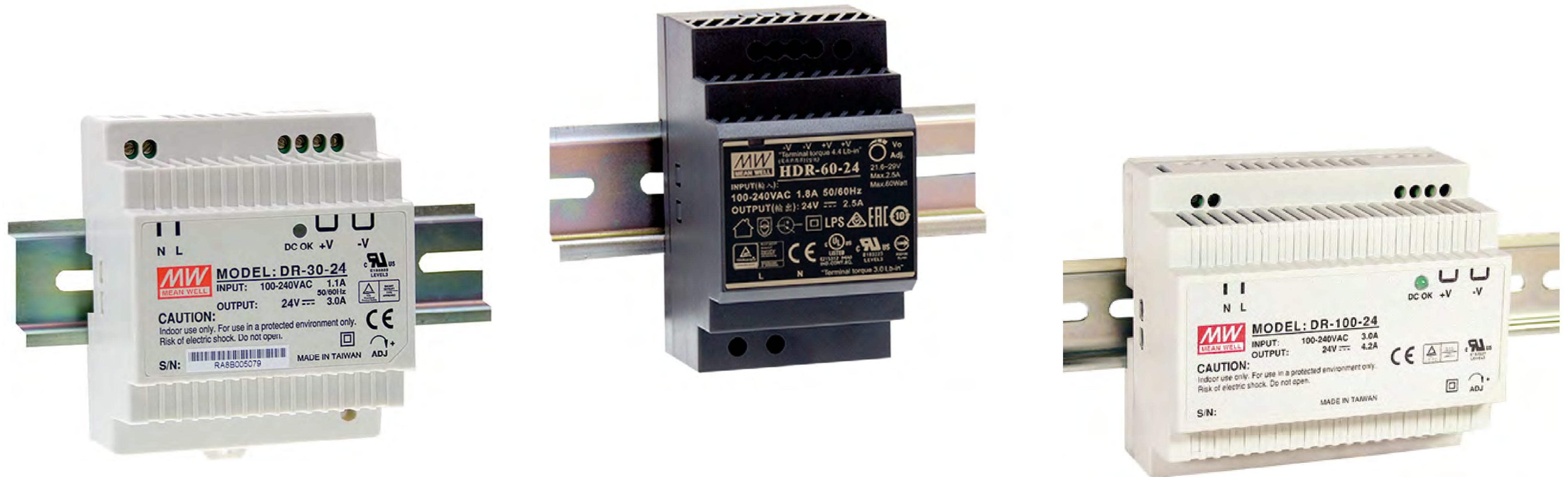
Electrical junction box

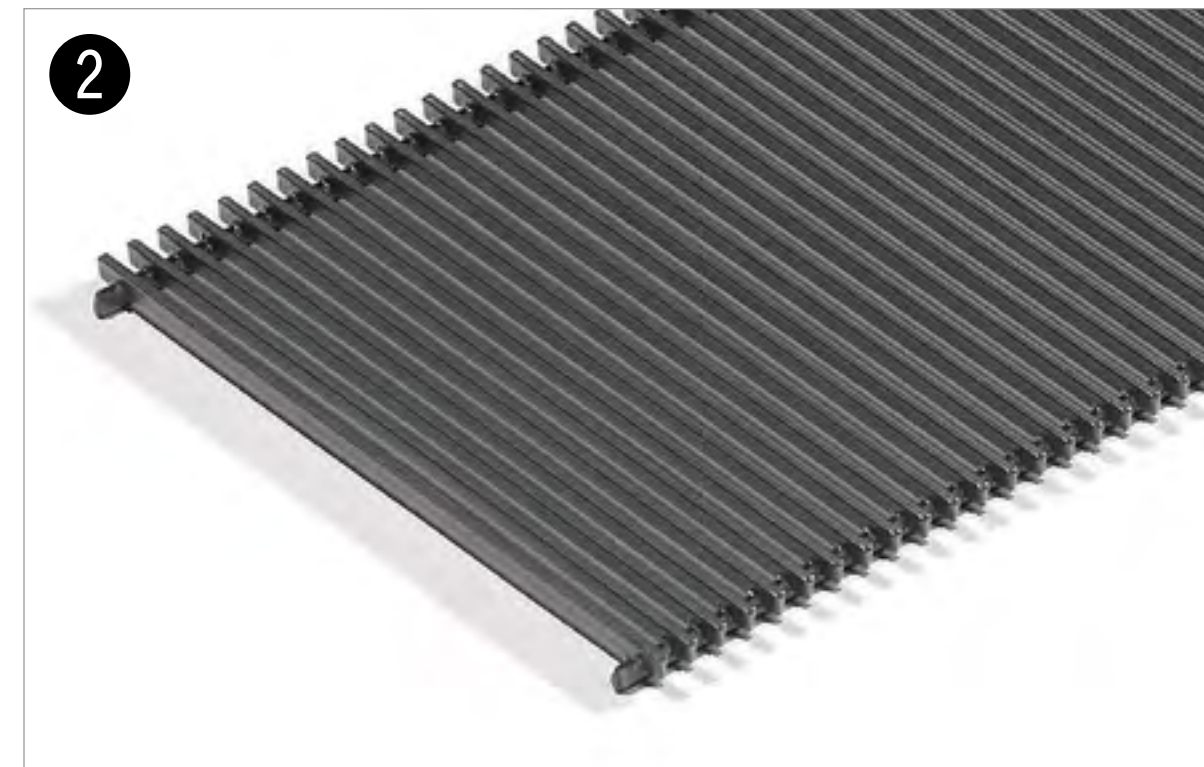
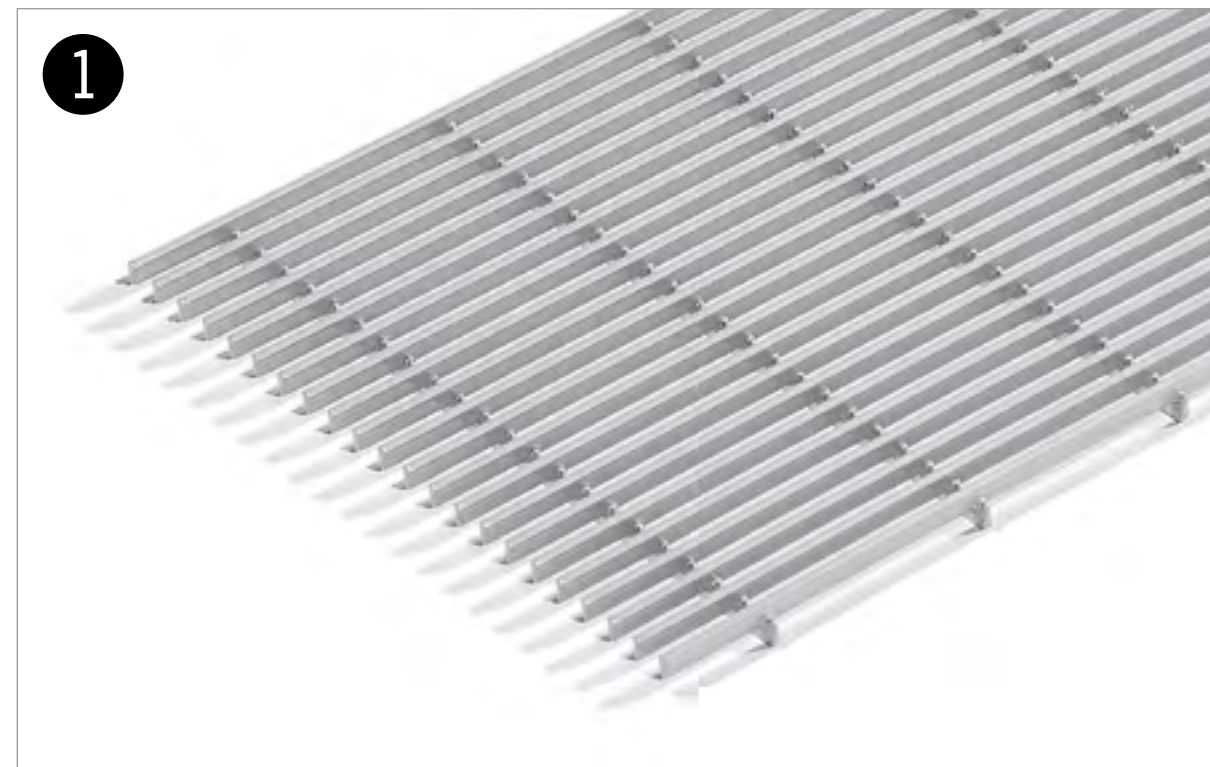
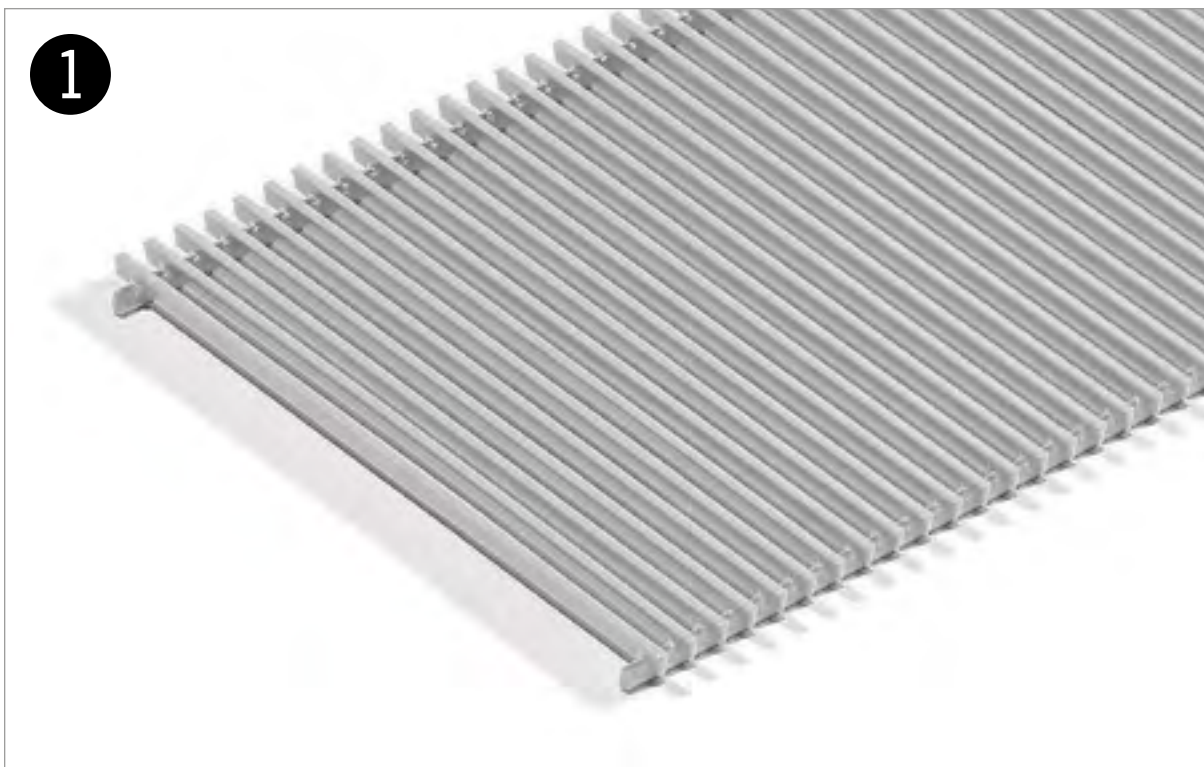
> 24 V electromechanical

Details 4|6

Control options

- > Power supply 24V
- > Optional DIN rail Class 2 Transformers for 120V/60Hz supply
- > Fan speed control 20 to 100 % via 0-10V BMS signal





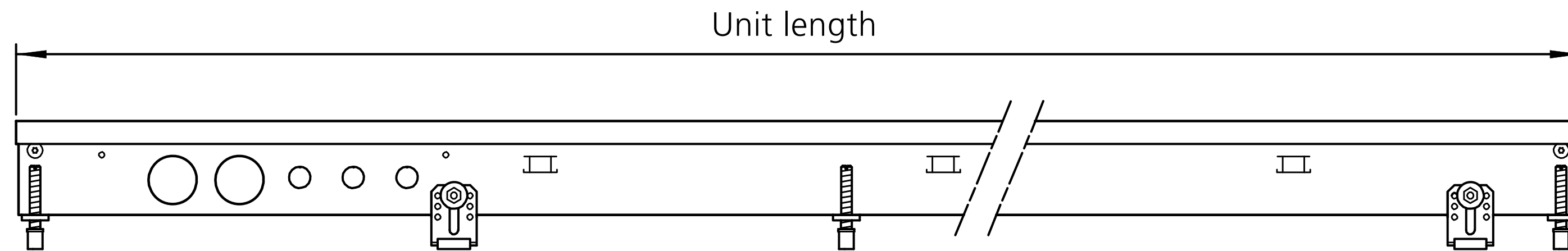
Matching grilles

- ① Steel, powder coated, RAL 9006 (white aluminium)
- ② Steel, powder coated, DB 703 (basalt grey)
- ③ Steel, powder coated, RAL 9005 (black)
- ④ Steel, powder coated, RAL 9007 (grey aluminium)
- ⑤ Natural stainless steel

Unit length		Heat output ¹⁾										Sound pressure level ²⁾	Sound power level
24 V electromechanical model		at LPHW 82/71 °C (180/160 °F)		at LPHW 75/65 °C (167/149 °F)		at LPHW 60/50 °C (140/122 °F)		at LPHW 49/43 °C (120/110 °F)		at LPHW 40/35 °C (105/95 °F)			
[mm]	[in]	[W]	[BTU]	[W]	[BTU]	[W]	[BTU]	[W]	[BTU]	[W]	[BTU]	[dB(A)]	[dB(A)]
900	35.44	748	2551	663	2261	466	1589	347	1183	235	801	30	38
1400	55.13	1496	5101	1326	4522	932	3178	694	2367	469	1599	33	41
1800	70.88	2244	7652	1989	6783	1398	4767	1041	3550	704	2401	35	43
2100	82.69	2820	9616	2499	8522	1756	5988	1309	4464	885	3018	36	44
2600	102.38	3414	11642	3025	10315	2126	7250	1584	5401	1071	3652	37	45

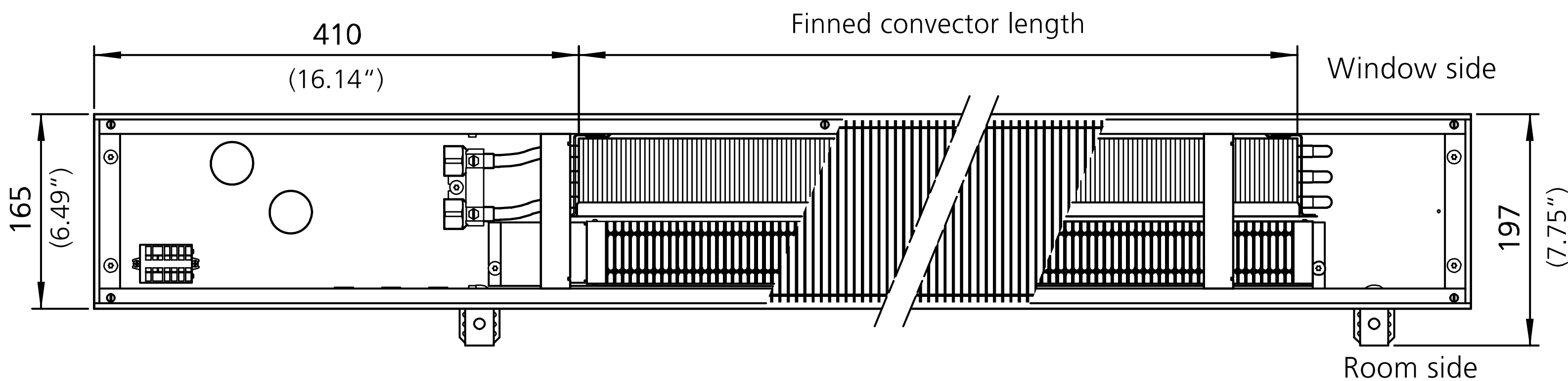
¹⁾ Room air temperature = 20 °C (68 °F); 80 % fan speed

²⁾ The sound pressure levels were calculated with an assumed room insulation of 8 dB(A). This corresponds to a distance of 2 m, a room volume of 100 m³ and a reverberation time of 0.5 s.

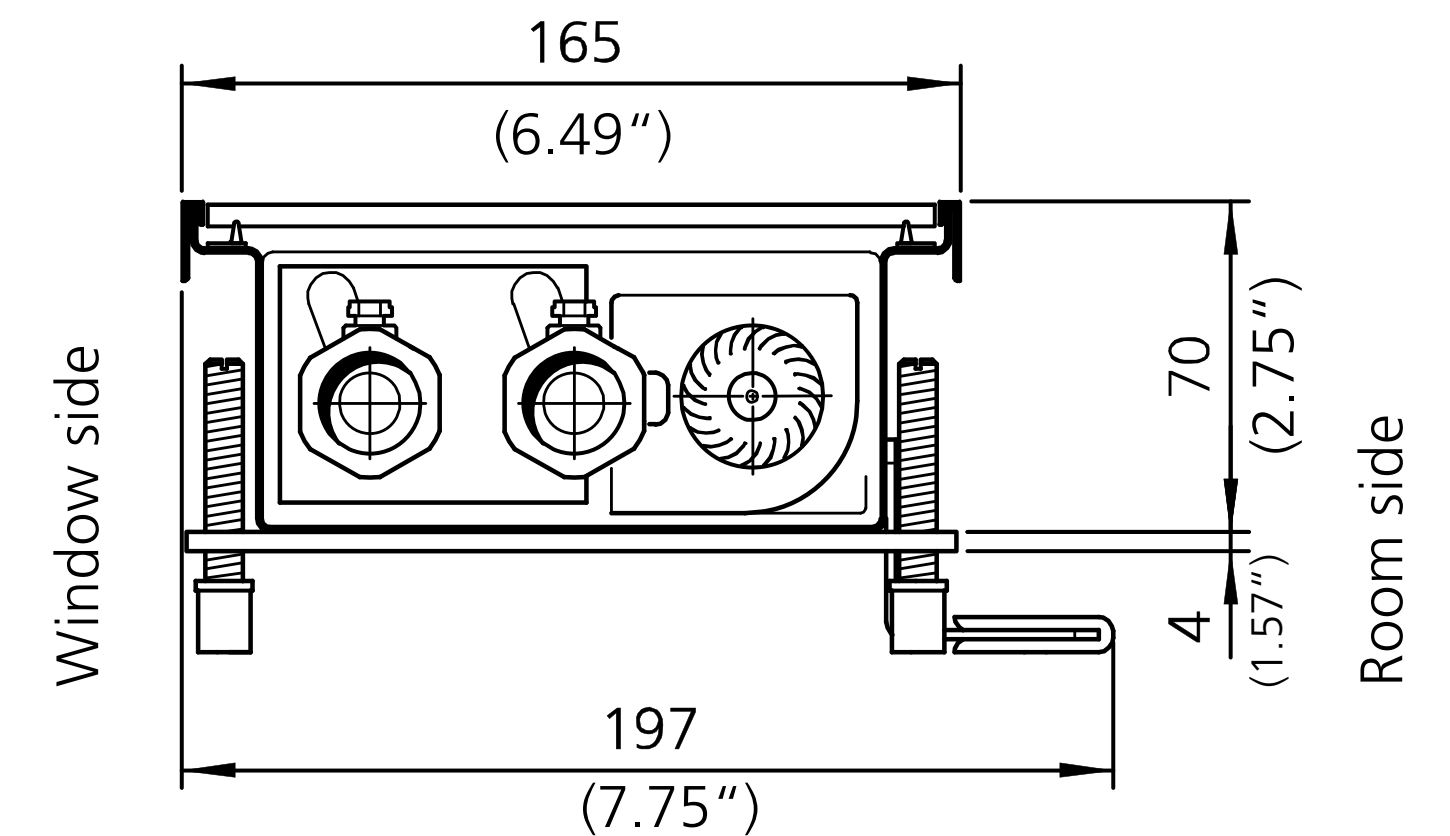


Front view

Unit length		Finned convector length	
[mm]	[in]	[mm]	[in]
900	35.44	435	17.13
1400	55.13	870	34.25
1800	70.88	1305	51.38
2100	82.69	1640	64.56
2600	102.38	1985	78.19



Top view
(without coverplate)



Cross section (enlarged)
shown with transverse grille



Benefits for you!

Kampmann offers you the following service benefits:

- > On-site consultation
- > Diverse sampling
- > Planning support
- > Detailed discussions
- > Site-surveys
- > Individual training
- > After Sales Service

Find your contact person here:

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