

1.30 Roll-up grilles and linear grilles

Decorative air outlets for infloor convectors

Description

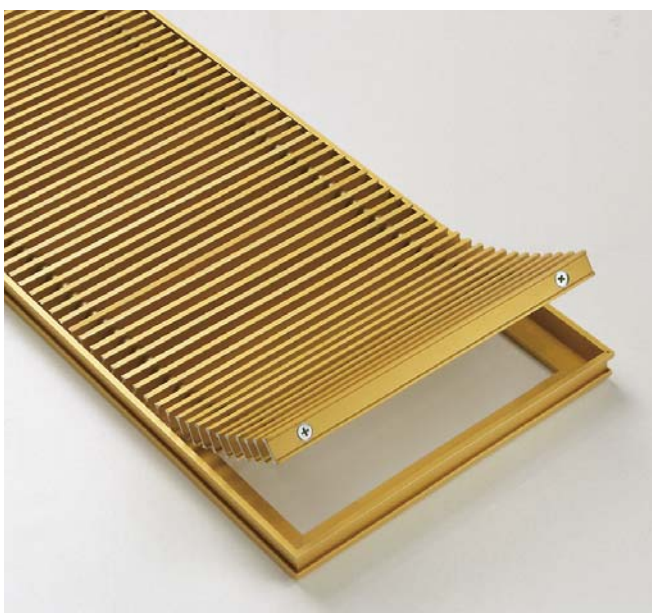


Roll-up grille, suitable to be walked on, built into steps

Frames

There is a matching frame for every grille. These are quick to assemble and for the floor duct heaters are already factory-fitted. There is a full range of design data sheets and sample grilles for ease of selection.

Kampmann roll-up grilles have an optimum free area, in terms of air flow, of either 70 % or approx. 60 %.



Roll-up grilles "Optiline" Aluminium, brass anodized, with frame

Kampmann floor grilles

provide strong cover grilles for Kampmann underfloor trenches and floor duct units. They are strong enough to be walked on, yet look elegant, are safe and durable.

The grilles are made of aluminium, brass, steel with plastic treads, fibreglass-reinforced polyester, stainless steel or iron. This wide range of materials, with its variety of colours and finishes, will meet the most exacting client demands.

The bars are connected using corrosion-protected steel or stainless steel springs with spacers between them in a co-ordinating colour.



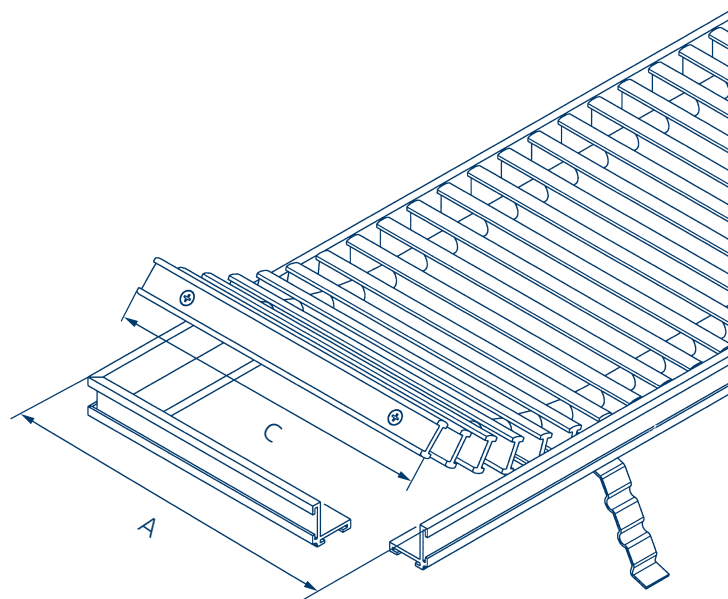
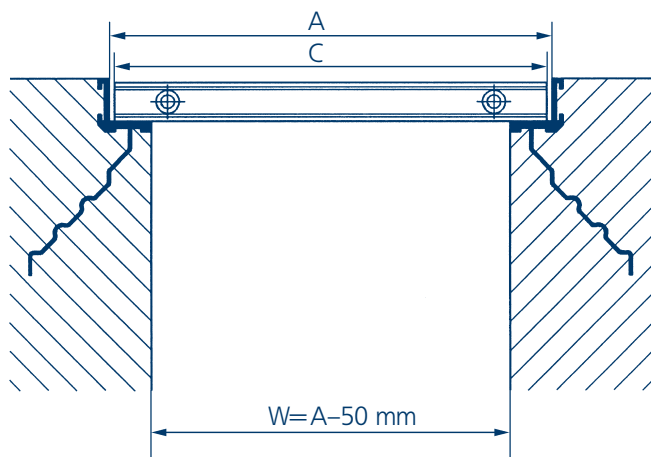
Kampmann convectors in a deep trench, with roll-up grilles

"Optiline" roll-up grilles

One of the most recent developments is the "Optiline" roll-up grille which, by using very narrow bar profiles, achieves a roll-up grille with a narrower bar spacing whilst maintaining the optimum free area in terms of air flow.

LINtyp linear grille

The new aluminium "LINtyp" grille is another perfect cover grille for underfloor systems. It has all the qualities of other Kampmann grilles and a 70 % free area.



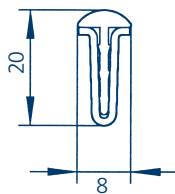
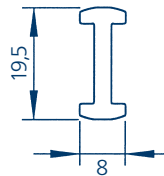
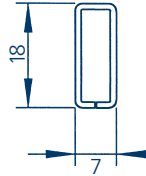
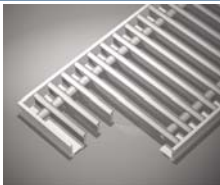
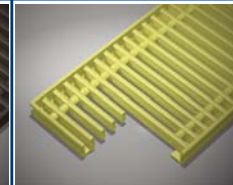
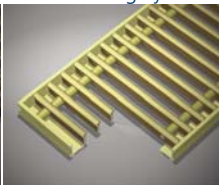
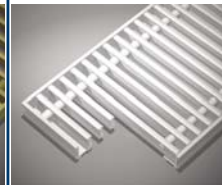
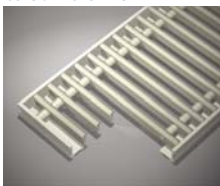
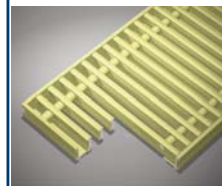
Example:
"Optiline" roll-up grille, aluminium anodized

Standard types and dimensions

Description	Bar section [mm]	Overall frame width A [mm]	Trench width W [mm]	Roll-up grille width C [mm]	Frame profile [mm]
Galvanized steel with plastic tread	20x8	200–750* 290, 370, 530, 610 **	150–700* 240, 320, 480, 560 **	188–738* 278, 358, 518, 598**	special profile 25x25x5
Aluminium anodized	19,5x8	200–750* 290, 370, 530, 610**	150–700* 240, 320, 480, 560**	188–738* 278, 358, 518, 598**	special profile 25x25x5
Natural brass	18x7	200–750* 290, 370, 530, 610**	150–700* 240, 320, 480, 560**	188–738* 278, 358, 518, 598**	special profile 25x21 x5
L/Ntyp, aluminium anodized	18x6	200–450* 290, 370**	150–400* 240, 320**	188–438* 278–358**	special profile 32,5x25x5
Stainless steel	18x7	200–750* 290, 370, 530, 610*	150–700* 240, 320, 480, 560**	192–742* 282, 362, 522, 602**	angle profile 22x19x3
Stainless steel	25x12	200–600* 290, 370, 530, 610**	150–550* 240, 320, 480, 560**	192–592* 282, 362, 522, 602**	angle profile 30x25x3
„Optiline“ aluminium anodized, brass, polished brass	18x5	200–600* 290, 370, 530, 610**	150–550* 240, 320, 480, 560**	188–588* 278, 358, 518, 598**	special profile 25x25x5 25x21 x5
„Optiline“ stainless steel	18x5	200–600* 290, 370, 530, 610**	150–550* 240, 320, 480, 560**	192–592* 282, 362, 522, 602**	angle profile 23x25x3 22x19x3

* Standard sizes in 50 mm steps

** Standard intermediate sizes

Description	Roll-up grilles galvanized steel, powder coated, with plastic treads		Roll-up grilles aluminium anodized		Roll-up grilles natural brass		
Cross section through grille bar							
Bar spacing	17 mm	12 mm	17 mm	12 mm	15 mm	12 mm	
Free area	approx. 70%	approx. 60%	approx. 70%	approx. 60%	approx. 70%	approx. 60%	
Bar section	20 x 8 mm		19,5 x 8 mm		18 x 7 mm		
Applications	For homes, offices, public buildings and industry		For homes, offices, public buildings and industry		For stylish homes		
Colour chart of grilles and frames							
	Galvanized steel colour: aluminium		Galvanized steel colour: basalt grey		Aluminium bronze anodized E6/C34		
							
	Galvanized steel colour: bronze		Galvanized steel colour: brass		Aluminium natural anodized E6/EV1		
							
	Galvanized steel colour: perl beige				Aluminium brass anodized E6/EV3		
					Aluminium bronze effect E6/C31		

The grilles shown on this page are printed using a 4-colour printing process and therefore cannot reflect the exact finishes of the grilles.

Linear grilles <i>LINTyp</i> aluminium anodized	Roll-up grilles stainless steel		Roll-up grilles stainless steel polished stainless steel	Roll-up grilles "Optiline" (also available as linear grilles for floor duct heaters)	
					– aluminium anodized – natural brass – natural brass, polished, oxidation-proof – stainless steel – stainless steel, polished
12 mm	15 mm	12 mm	15 mm	9 mm	
approx. 67 %	approx. 70%	approx. 60%	approx. 55 %	approx. 65 %	
18 x 6 mm	18 x 7 mm		25 x 12 mm	18 x 5 mm	
For homes, offices, public buildings and industry	In stylish homes		In stylish homes	Aluminium, anodized Brass, polished brass: Stainless steel: For homes, offices, public buildings and industry For stylish homes and offices For stylish homes, special applications	
Aluminium natural anodized E6/EV1	Stainless steel		Stainless steel	Aluminium natural anodized E6/EV1	Aluminium brass anodized E6/EV3
Aluminium brass anodized E6/EV3			Polished stainless steel	Aluminium bronze anodized E6/C34	Aluminium bronze effect E6/C31
Aluminium bronze anodized E6/C34				Natural brass CuZn 44	Aluminium coated basalt grey
Aluminium bronze effect E6/C31				Polished natural brass CuZn 44, oxidation-proof	Aluminium coated white
				Stainless steel	Polished stainless steel

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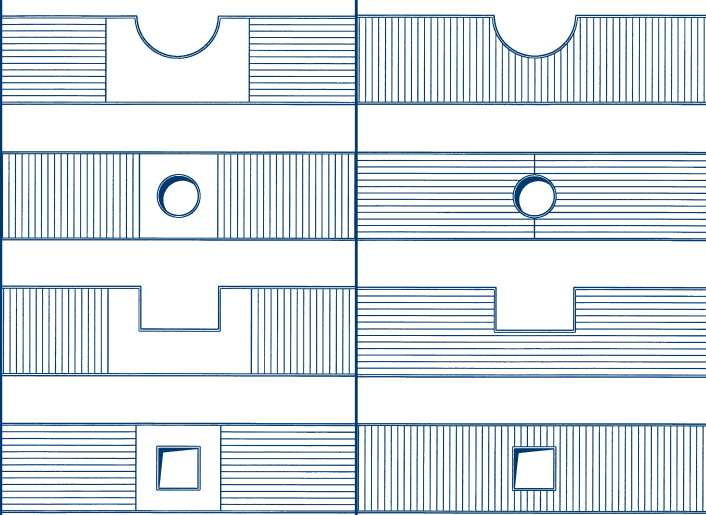
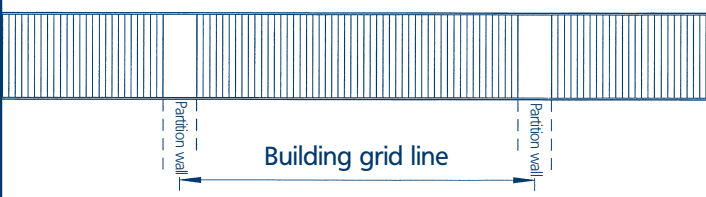
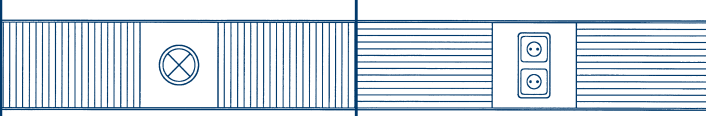
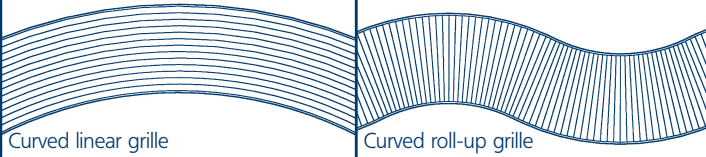
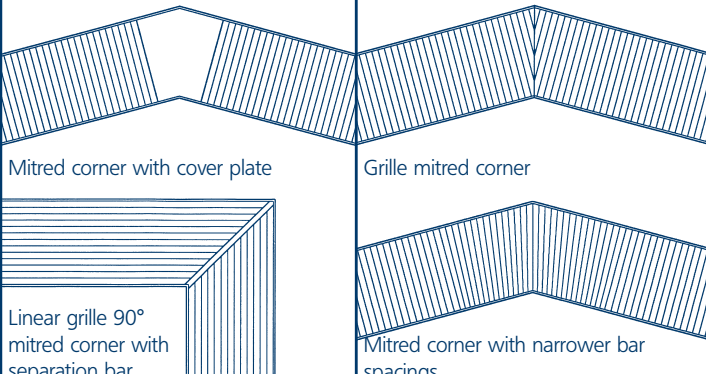
1.30 Floor grilles

Decorative air outlets for infloor convectors

Tailor-made designs

(Almost) everything is possible!

There are no technical barriers to creativity with Kampmann floor duct units. The non-standard designs shown below can be used on their own or combined. Here is a selection of our tailor-made designs:

1. Cut-out sections - Any shape, to fit around architectural features, such as columns, mullions etc. - Various materials can be used as cover plates: – brass – anodised aluminium – stainless steel	 Cut-outs with cover plates Grille cut-outs
2. Cover plate under partition walls Where the duct passes under existing partition walling	
3. Cover plate with electric fitting To incorporate lighting or plugs.	 Built-in lights Built-in sockets
4. Curves Manufacture of a curved unit.	 Curved linear grille Curved roll-up grille
5. Mitres - Acute, obtuse or 90° angles - Convectors connected by flexible pipes - Available with linear and roll-up grilles	 Mitred corner with cover plate Grille mitred corner Linear grille 90° mitred corner with separation bar Mitred corner with narrower bar spacings