

GRILLES & FRAMES FOR TRENCH HEATERS



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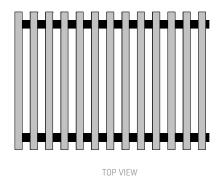
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WOODEN GRILLES

Roll-up wooden grille (made of natural wood)





SINGLE BAR CROSS SECTION

STANDARD:

- spacers 13 mm;
- · distance between the bars 13 mm;
- spacers made of black PVC.

OPTION:

Spacers are available in other colours and sizes:

Cross-bar grille made of natural wood (unvarnished).

- wooden spacers (beech) 17 mm;
- black spacers 17 mm, 8 mm made of PVC.

Maximum length of one grille section is 6.0 m.

It is possible to make a corner grille for corner section of the heaters at angle of 90° (herringbone shape). The corner grille can be made only if it is ordered with a heater at the same time.



To see other available corner options, go on page 23.

GRILLE TYPE	COLOUR	ORDER CODE
Roll-up wooden grille	0ak	ZD-1,8/B/L
	Ash	ZJ-1,8/B/L
	Beech	ZB-1,8/B/L
	Sapeli	ZS-1.8/B/L











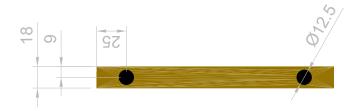
SAPELI

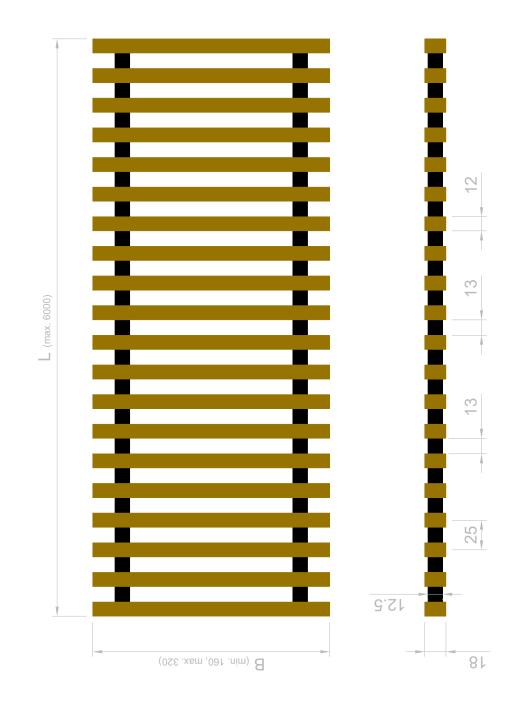
OAK ASH BEECH



WOODEN GRILLES

Roll-up wooden grille - technical drawings





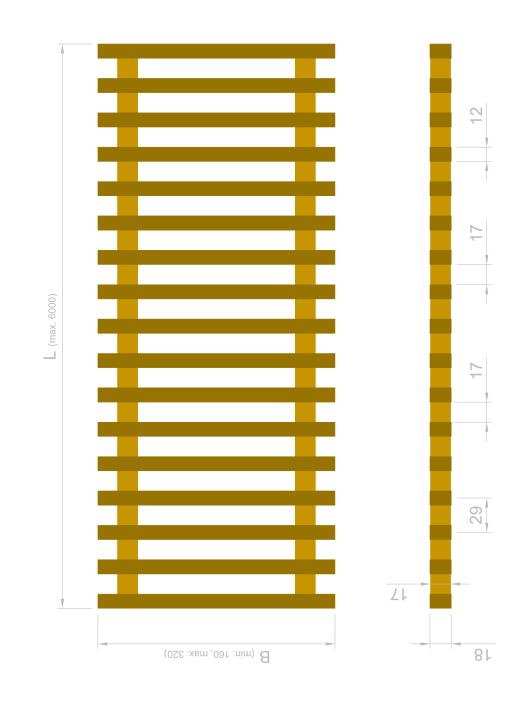




Roll-up wooden grille - technical drawings

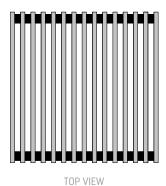
WOODEN GRILLES







Roll-up grille, double T-bar profile





Cross-bar grille made of aluminium – double T-bar profile.

The grille is available in two versions:

- · natural aluminium;
- · anodized aluminium.

STANDARD:

- spacers 17 mm;
- distance between the bars 13 mm;
- spacers made of black PVC.

OPTION:

Spacers are available in other colours and sizes:

- black spacers 13 mm made of PVC (8 mm distance between the bars);
- grey spacers 17 mm, 13 mm made of PVC (13 mm, 8 mm distance between the bars).

Maximum length of one grille section is 6.0 m.

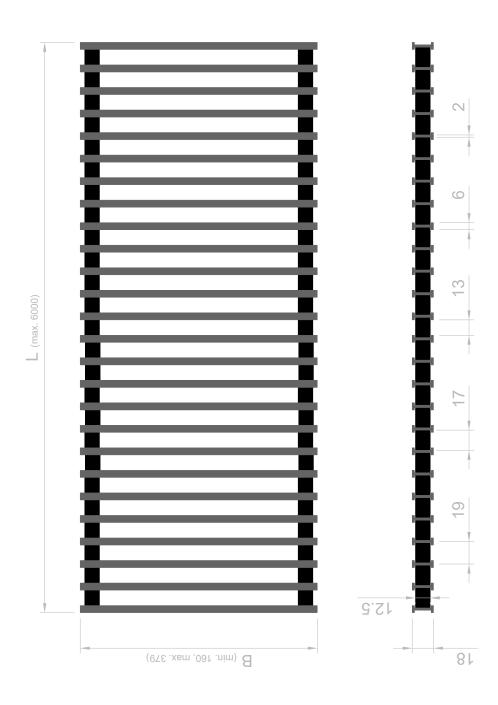
GRILLE TYPE	COLOUR	ORDER CODE
Roll-up grille, double T-bar profile – natural aluminium	Natural aluminium	ZDW-1,8/B/L
Roll-up grille, double T-bar profile – anodized aluminium	Satin	ZADWS-1,8/B/L
	Stainless steel	ZADWST-1,8/B/L
	Gold	ZADWZ-1,8/B/L
	Black	ZADWC-1,8/B/L







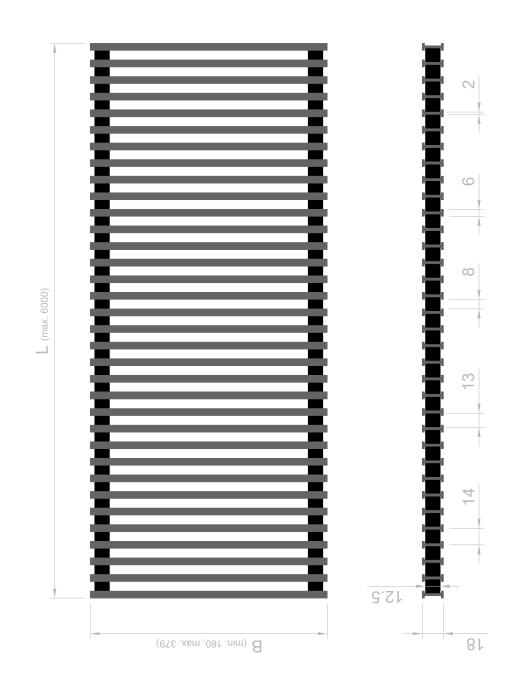




Roll-up aluminium grille, Double T-bar profile - 17 mm black spacers, 2 springs













0 01 B\2 L (max. 6000) 12.5 B (min. 380, max. 450) 81

Roll-up aluminium grille, Double T-bar profile - 17 mm black spacers, 3 springs





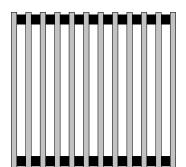
0 01 8/5 12.5 (min. 380, max. 450) 81



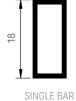
Roll-up aluminium grille, Double T-bar profile - 13 mm black spacers, 3 springs



Roll-up grille, closed profile



TOP VIEW



CROSS SECTION

- natural aluminium;
- anodized aluminium.

STANDARD:

- spacers 13 mm;
- distance between the bars 13 mm;

The grille is available in two versions:

spacers made of black PVC.

OPTION:

Spacers are available in other colours and sizes:

Cross-bar grille made of aluminium - closed profile.

- black spacers 17 mm, 8 mm made of PVC;
- grey spacers 17 mm, 8 mm made of PVC.

Maximum length of one grille section is 6.0 m.

It is possible to make a corner grille for corner section of the heaters at angle of 90° and others. The corner grille can be made only if it is ordered with a heater at the same time. For corner grilles with an angle other than 90°, please contact our office. To see available corner options, go on page 23.

GRILLE TYPE	COLOUR	ORDER CODE
Roll-up grille, closed profile – natural aluminium	Natural aluminium	ZAL-1,8/B/L
Roll-up grille, closed profile – anodized aluminium	Satin	ZAALS-1,8/B/L
	Stainless steel	ZAALST-1,8/B/L





SATIN

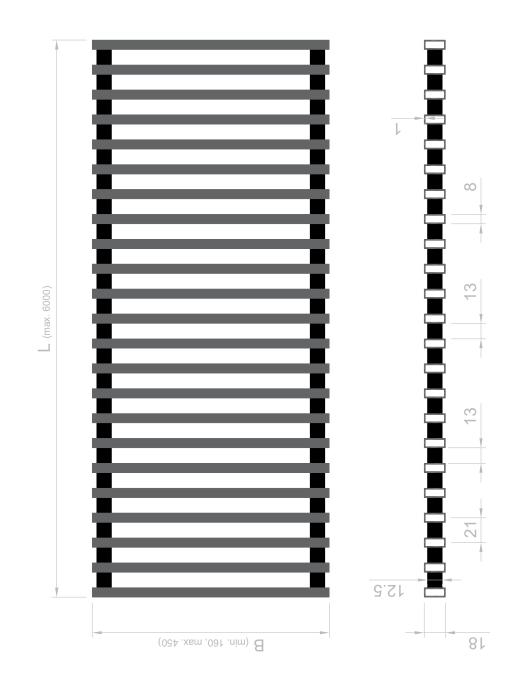


STAINLESS STEEL



Roll-up grille, closed profile - technical drawings



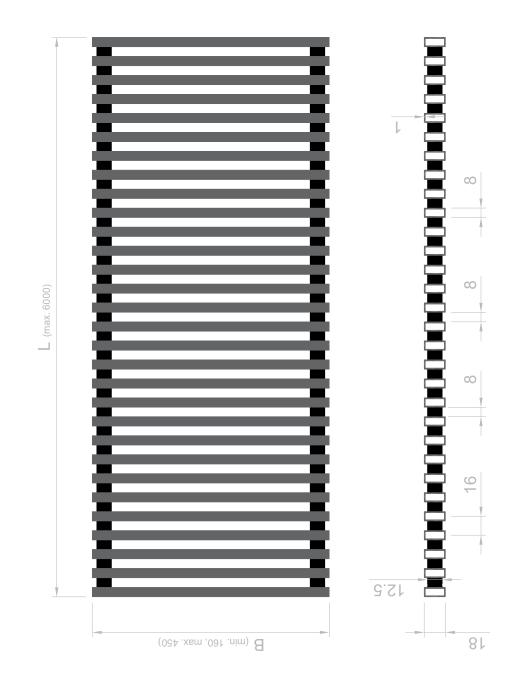




Roll-up aluminium grille, Closed profile - 13 mm black spacers

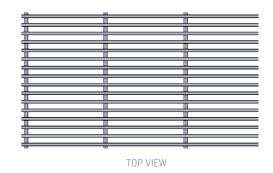
Roll-up grille, closed profile - technical drawings

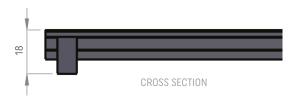






Linear grille, snap profile







To see other available corner options, go on page 23.

Linear grille made of aluminium.

THE GRILLE IS AVAILABLE ONLY AS A RIGID VERSION.

The grille is available in the following versions:

- natural aluminium (cross-bar joiners are painted in black RAL 9005);
- anodized aluminium (cross-bar joiners are painted in black RAL 9005);
- aluminium painted in any RAL colour (grille entirely painted in RAL colour).

STANDARD:

• distance between the bars – 10.5 mm.

OPTION:

• distance between the bars – 7.5 mm.

Maximum length of one grille section is 3.0 m. Grilles length longer than 3 m are made of several elements.

It is possible to make a corner grille for corner section of the heaters at angle of 90° and others. The corner grille can be made only if it is ordered with a heater at the same time. For corner grilles with an angle other than 90° , please contact our office.

GRILLE TYPE	COLOUR	ORDER CODE
Linear grille, snap profile – natural aluminium	Natural aluminium	PZW-1,8/B/L
Linear grille chan profile - anedized aluminium	Satin	PZWAS-1,8/B/L
Linear grille, snap profile – anodized aluminium	Stainless steel	PZWAST-1,8/B/L
Linear grille, snap profile – any RAL colour	RAL colour	PZWR-1,8/B/L







Linear grille, snap profile - technical drawings

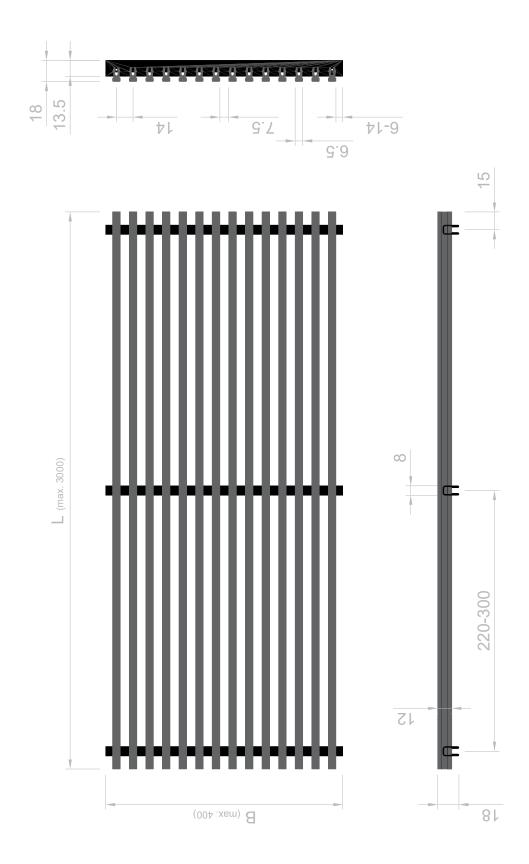
ALUMINIUM GRILLES

13.5 $\frac{1}{0}$ 11 3.01 **ナレ-9 G**.0 15 L (max. 3000) 220-300 15

81

B (max. 400)

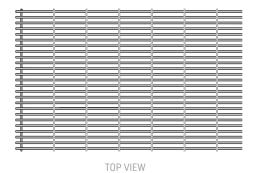
Linear grille, snap profile - technical drawings

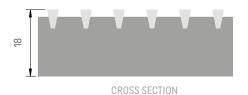




STAINLESS STEEL GRILLES

Linear grille





Linear grille made of stainless steel.

THE GRILLE IS AVAILABLE ONLY AS A RIGID VERSION.

The grille is available in two versions:

- · stainless steel;
- stainless steel brushed.

STANDARD:

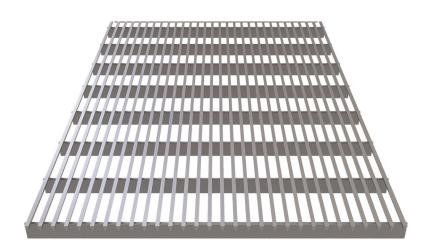
distance between the bars – 8 mm.

Maximum length of one grille section is 2.2 m. Grilles length longer than 2.2 m are made of several elements.

It is possible to make a corner grille for corner section of the heaters at angle of 90° and others. The corner grille can be made only if it is ordered with a heater at the same time. For corner grilles with an angle other than 90°, please contact our office.

To see available corner options, go on page 23.

GRILLE TYPE	COLOUR	ORDER CODE
Stainless steel linear grille	Stainless steel	SN-1,8/B/L
	Stainless steel brushed	SNS-1,8/B/L

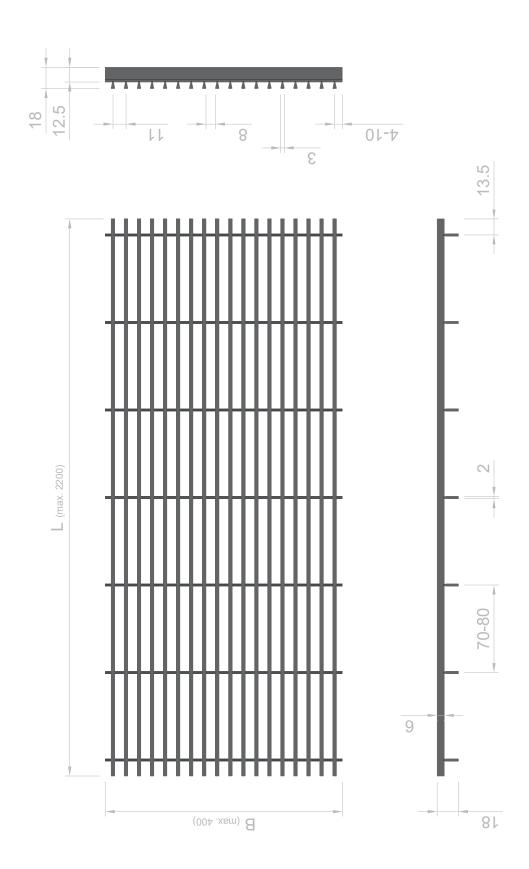






Linear grille - technical drawings

STAINLESS STEEL GRILLES





LASER CUT GRILLES



Grille made of steel.

THE GRILLE IS AVAILABLE ONLY AS A RIGID VERSION.

The grille is available in the following version:

• steel painted in any RAL colour (grille entirely painted in RAL colour).

Personalize your grille!

Place your logo or any other design on the grille of your trench heater.

GRILLE TYPE	COLOUR	ORDER CODE
Laser cut grille – any RAL colour	RAL colour	LBR-1,8/B/L





GRILLES - FREE SPACE

The data in the table below shows information on the free space for grilles 1.0 m long.

		FREE SPA	CE				
ODULE TVDS			1	WIDTH [MM]			
GRILLE TYPE	160-200	210-240	250-280	290-320	330-370	380-400	410-450
Roll-up wooden – 13 mm spacers	44%	45%	46%	47%	-	-	-
Roll-up wooden – 17 mm spacers	46%	48%	50%	50%	-	-	-
Roll-up aluminium, Double T-bar profile – 17 mm spacers	58%	60%	61%	62%	63%	61%	62%
Roll-up aluminium, Double T-bar profile – 13 mm spacers	49%	51%	52%	52%	53%	51%	52%
Roll-up aluminium, Closed profile – 13 mm spacers	53%	54%	55%	56%	57%	57%	57%
Roll-up aluminium, Closed profile – 8 mm spacers	43%	44%	45%	46%	46%	46%	47%
Linear aluminium, Snap profile – 10,5 mm distance between the bars	65%	64%	63%	62%	62%	62%	-
Linear aluminium, Snap profile – 7,5 mm distance between the bars	58%	56%	56%	55%	55%	54%	-
Linear stainless steel – 8 mm distance between the bars	73%	72%	72%	72%	72%	72%	-

The grilles are additional accessories for trench heaters and heating & cooling trench units. They should be included in the order as a separate item.

The grille should be cleaned with a slightly damp cloth without using detergents, making sure that it does not contain any abrasive elements that could damage the outer coating of the grille.

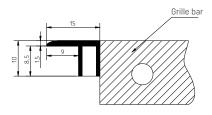
The grilles are resistant to pressure and abrasion for low-intensity pedestrian traffic. Avoid increasing pressure on the grille bars, e.g. by placing interior furnishings on them.

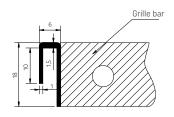


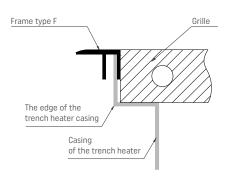


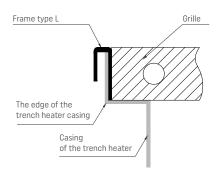
ALUMINIUM FRAMES

Frames type F and L









COLOUR	F-TYPE FRAME	L-TYPE FRAME
Natural aluminium	OF-B/L	OL-B/L
Satin	OFS-B/L	OLS-B/L
Stainless steel	OFST-B/L	OLST-B/L
Gold	0FZ-B/L	OLZ-B/L
Black	OFC-B/L	OLC-B/L
RAL colour	OFRAL-B/L	OLRAL-B/L



F-TYPE FRAME



L-TYPE FRAME



STAIN



STAINLESS STEEL



GOLD



BLACK

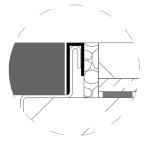




ALUMINIUM FRAMES

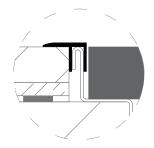
Frames type F and L

The L- and F-type aluminium frames are a decorative element and mask the space between the floor and the trench heater casing. The frames are supplied as a suitably cut elements for self-assembly.



L-type frame

Installed on the casing edge between the casing and the floor finish. Expansion joint fillers are recommended.



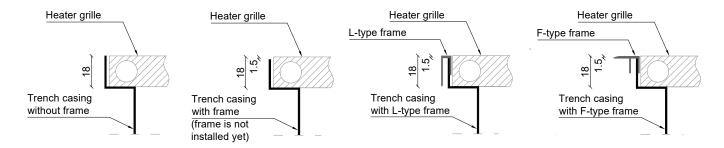
F-type frame

Installed on the casing edge and on the floor finish. Hides the border of the floor finish.

There is an option to paint the L- and F-type frames in any colour from the RAL palette.

The height of the trench casing edge, for technological reasons, depends on the use of the frame. It is recommended to order the frame togehter with the heaters or to inform the manufacturer about the planned frame installation on a later stage.

The edge of a VERANO trench casing without frame is 18 mm high, which makes it flush with the grille and floor finish level. The height of the trench casing edge adapted to the installation of the frame is reduced by 1.5 mm.



The frames are additional equipment for trench heaters and heating & cooling trench units. They should be included in the order as a separate item.

The frame should be cleaned with a slightly damp cloth without using detergents, making sure that it does not contain any abrasive elements that could damage the outer coating of the frame.



CORNER OPTIONS







CORNER TRENCH SECTION

with cross-bar grille

FRAMES:

F-type

CORNER TRENCH SECTION

with linear grille

FRAMES:

F-type





CORNER TRENCH SECTION

- with cross-bar grille
- herringbone grille shape

FRAMES:

F-type

CORNER TRENCH SECTION

- with linear grille
- herringbone grille shape

FRAMES:

F-type





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