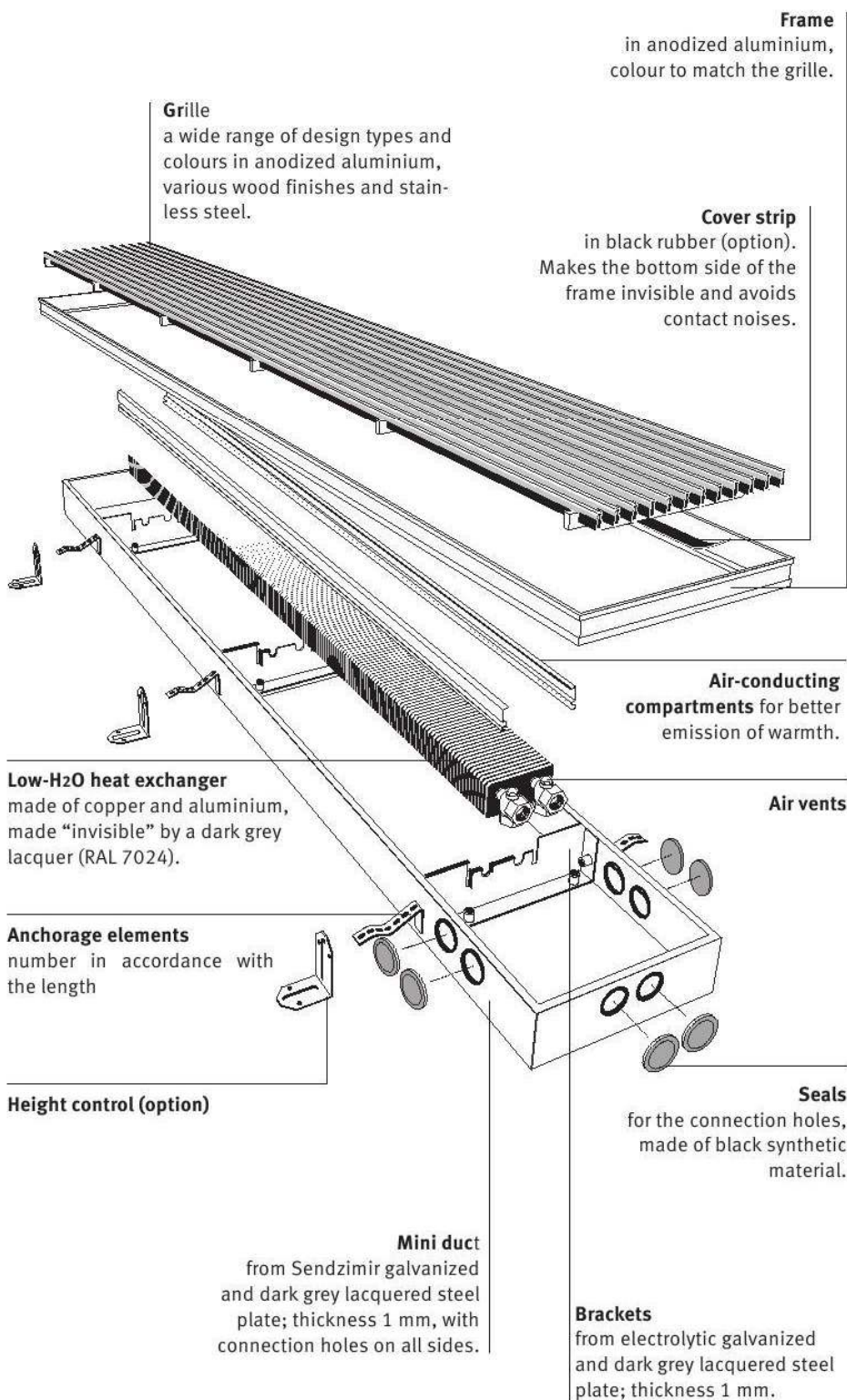
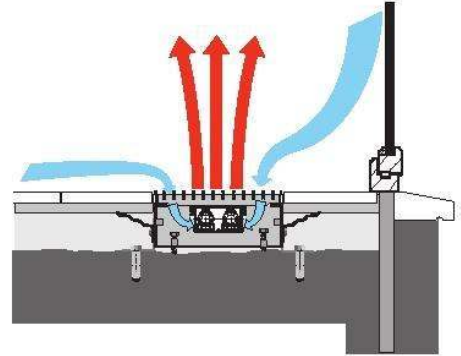


## Mini Canal Composition



## Operating principal



## Installation

The Mini Canal is completely mounted and ready for use. Suitable for installation onto rough concrete subfloors, in floating or suspended floors, or even into existing trenches.

### Installation

- Position level on the finished floor by means of anchoring irons or optional height control.
- Lead through the conduits and close the leadthrough openings.
- If necessary, provide an extra pipe for the thermostat head with remote control.
- Test the pressure of the installation.
- Finish the floor.

### Connection

There are several ways to connect the heat exchanger.

- With the central control collector. Temperature regulators via room thermostat (no valve in the duct).
- With manual valve in the duct.
- With thermostatic valve in the duct: in this case it is best to provide a head with remote control outside the duct. Control is simple and the thermostat will provide better measurement of the ambient temperature.

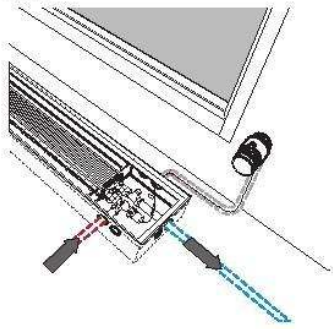
### With flexible connections

Compose the Mini Canal from the list of parts, the heat exchanger should be taken at least one size shorter. In this way you will gain sufficient space for flexible connections and it will be easy to remove the heat exchanger from the duct, for example for annual cleaning.

## Mini Canal Connections

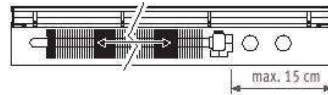
### Example with remote controlled head

Suitable for width 26 cm and wider.

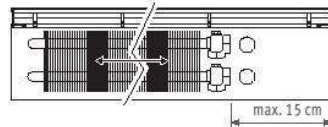


### Maximum space for connection

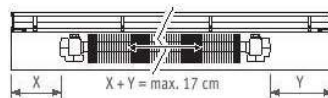
With same end connection. Height 09 and 11.



With same end connection. Height 14 and 19.

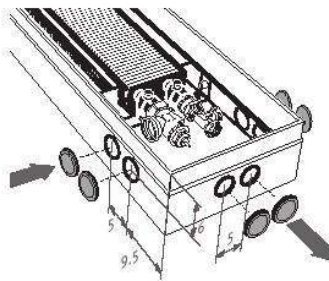


With other end connection. Height/Width 09/14 and 11/14.



### Height 09 and 11

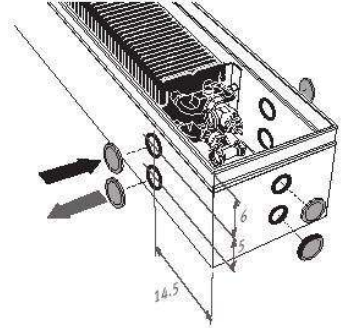
Connection dimensions



Detailed Info for duct heights H 09 and H 11: see Connection set 71 page 142.

### Height 14 and 19

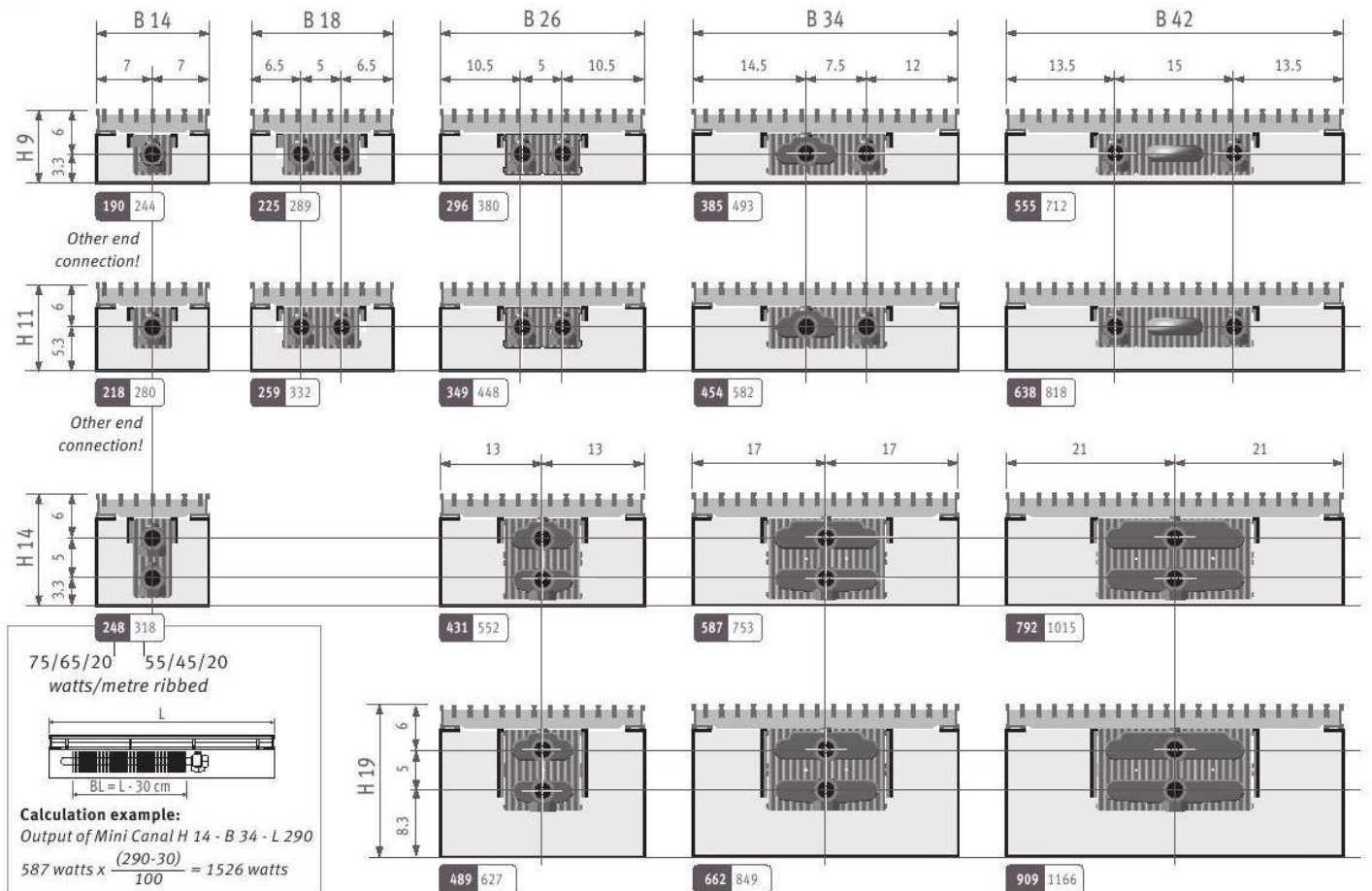
Connection dimensions



Detailed Info for duct heights H 14 and H 19: see Connection set 72 page 142, or Jaga Danfoss valve, page 150.

## Product summary

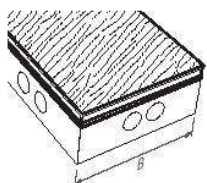
▲ Building in-opening: height H + 1 cm!



Mini Canal

## Mini Canal\_Options

### Cover plate

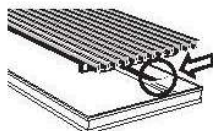


In fibreboard, thickness 22 mm. Protects the duct against contamination and damaging during construction works.

Price: fixed surcharge + price/metre		£ 8.30
CODE	B	£/m
COVP.000LLL14	14	1.80
COVP.000LLL18	18	2.40
COVP.000LLL26	26	3.50
COVP.000LLL34	34	4.60
COVP.000LLL42	42	5.70

Fill in length Mini Canal in cm.

### Cover strip



For aluminium and wood grilles. Black adhesive rubber strip, thickness 1 mm.

To hide the bottom edge of the frame and to avoid contact noises. Order the number of rolls required according to circumference of the frame (width plus length) x 2.

CODE		£
7690.02	Roll 6 metre	14.30

### Different length

Use the standard code and fill in the desired length in cm. Price: the price of the next standard linear measurement of the desired length and a fixed surcharge.

CODE		£
7696.03	fixed surcharge	110.40

### Bottom end insulation

(Not separately deliverable!)



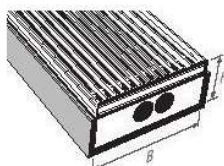
In dark grey polyethylene foam, thickness 5 mm. Also to avoid transfer of noise when used on upper storeys.

Price: fixed surcharge + price/metre		£ 5.40
CODE	B	£/m
7692.000LLL14	14	1.80
7692.000LLL18	18	2.00
7692.000LLL26	26	2.30
7692.000LLL34	34	2.60
7692.000LLL42	42	2.90

Fill in length Mini Canal in cm.

### 3-Sided insulation

(Not separately deliverable!)

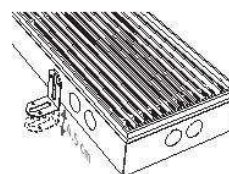


In dark grey polyethylene foam, thickness 5 mm.

Price: fixed surcharge + price/metre		£ 14.60	
CODE	H	B	£/m
7693.009LLL14	009	14	4.90
7693.009LLL18	009	18	5.00
7693.009LLL26	009	26	5.40
7693.009LLL34	009	34	5.70
7693.009LLL42	009	42	6.00
7693.011LLL14	011	14	5.00
7693.011LLL18	011	18	5.20
7693.011LLL26	011	26	5.50
7693.011LLL34	011	34	5.80
7693.011LLL42	011	42	6.20
7693.014LLL14	014	14	5.30
7693.014LLL26	014	26	5.80
7693.014LLL34	014	34	6.10
7693.014LLL42	014	42	6.40
7693.019LLL26	019	26	6.20
7693.019LLL34	019	34	6.50
7693.019LLL42	019	42	6.80

Fill in length Mini Canal in cm.

### Height control

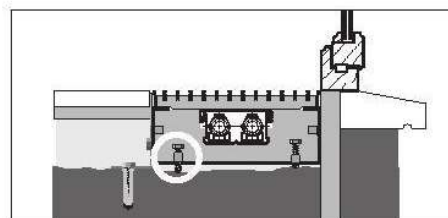
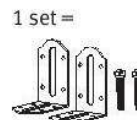


Simple height control for uneven sub-floors.

CODE		£
7690.01	height control 0 - 4.5 cm	4.20
7690.04	height control 4.5 - 13 cm	8.50

Advised numbers for length:

110 + 120 cm	2 sets
130 > 190 cm	3 sets
210 cm	4 sets
230 > 310 cm	5 sets
330 > 390 cm	7 sets
410 cm	8 sets
430 > 490 cm	10 sets



The height control option is always provided with extra adjusting screws in order to install the duct flat against the windowframe.

## Mini Canal Options

### Corners 135° or 90°

for wooden and aluminium grilles

To order corner elements, add to the code of Mini Canal the desired corner (see code of the corner on drawing below).

Delivery: ducts and grilles with mitre joints + connecting pieces for invisible mounting.

If possible, use standard lengths to avoid extra price for custom made work. You will find the outputs for the corresponding length in the tables.

If possible, please include a drawing with the order.

### Ordering example

MICA.009 110 14/RNA/TW090/TM090

### Different corners

Price on request.

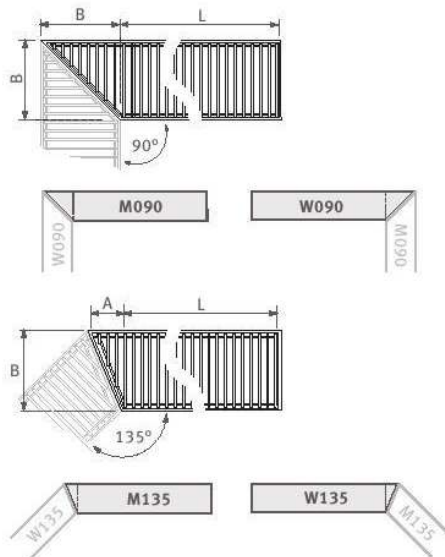
### Corners for roll-up wooden and alu. grilles

H	B	Single corner Extra charge £	Double corner Extra charge £
009	14	154.10	308.00
009	18	161.90	324.10
009	26	185.80	371.40
009	34	215.90	431.90
009	42	245.70	491.20
011	14	154.10	308.10
011	18	161.90	324.10
011	26	185.80	371.40
011	34	215.90	431.90
011	42	245.70	491.30
014	14	154.20	308.10
014	26	185.90	371.50
014	34	216.00	432.00
014	42	245.70	491.40
019	26	185.90	371.60
019	34	216.00	432.10
019	42	245.80	491.50

### Corners for rigid aluminium grilles

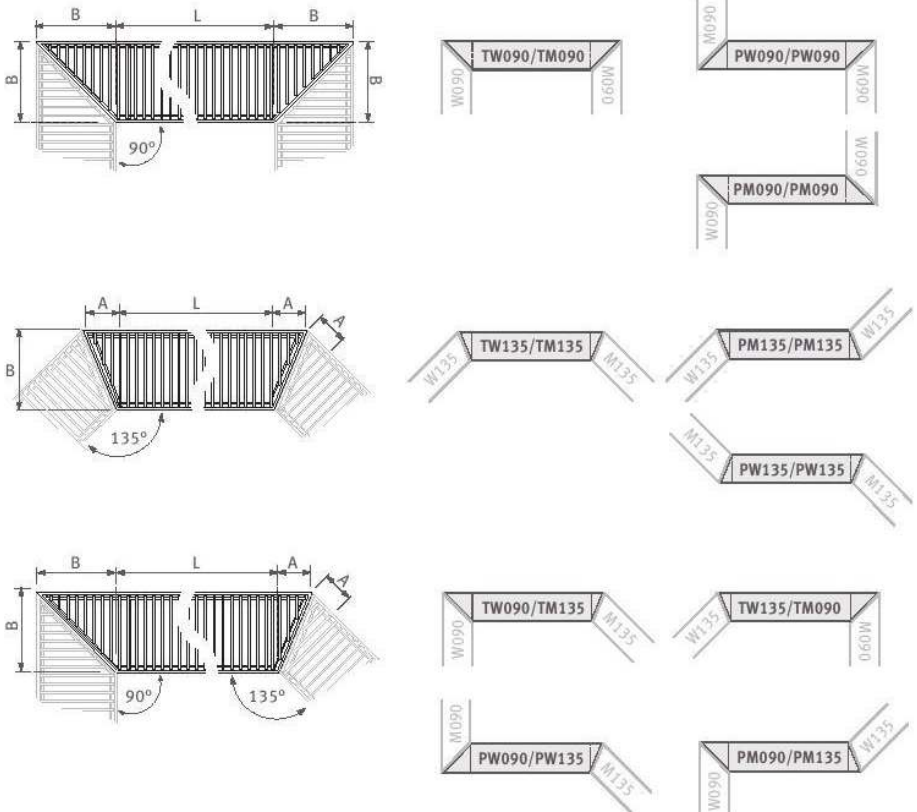
H	B	Single corner Extra charge £	Double corner Extra charge £
009	14	102.70	205.30
009	18	107.90	216.00
009	26	123.90	247.70
009	34	143.90	287.80
009	42	163.80	327.40
011	14	102.70	205.40
011	18	107.90	216.00
011	26	123.90	247.70
011	34	143.90	287.80
011	42	163.80	327.50
014	14	102.80	205.40
014	26	124.00	247.80
014	34	144.00	287.90
014	42	163.80	327.60
019	26	124.00	247.90
019	34	144.00	288.00
019	42	163.90	327.70

### Single corner



B	14	18	26	34	42
A	6	7.5	11	14	17.5

### Double corner



Mini Canal

## Mini Canal\_Overview grilles

### Designo roll-up wooden grilles

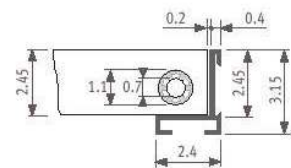
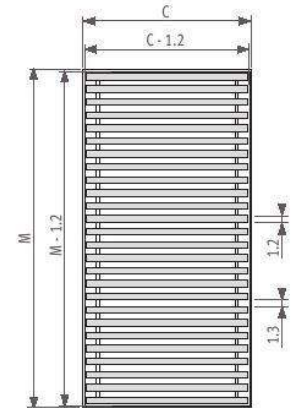
Merbau natural **DMN**    Oak natural **DON**    Beech natural **DBN**  
 Designo Merbau Natural    Designo Oak Natural    Designo Beech Natural



Merbau varnished **DMV**    Oak varnished **DOV**    Beech varnished **DBV**  
 Designo Merbau Varnished    Designo Oak Varnished    Designo Beech Varnished



Roll-up natural or varnished grille, Designo model with reduced slat spacing and natural colour anodized aluminium distance pieces. Frame in natural coloured anodized aluminium. Free air flow 52%.



Grille width dimensional tolerance: +0/+0.2 cm

### Roll-up wooden grilles

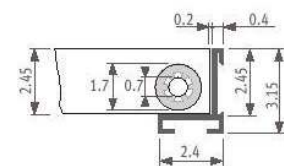
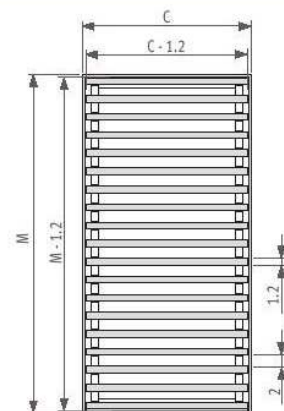
Merbau natural **RMN**    Oak natural **RON**    Beech natural **RBN**  
 Roll-up Merbau Natural    Roll-up Oak Natural    Roll-up Beech Natural



Merbau varnished **RMV**    Oak varnished **ROV**    Beech varnished **RBV**  
 Roll-up Merbau Varnished    Roll-up Oak Varnished    Roll-up Beech Varnished



Roll-up natural or varnished grille, with dark brown coloured synthetic distance pieces. Frame in black anodized aluminium. Free air flow 63%.



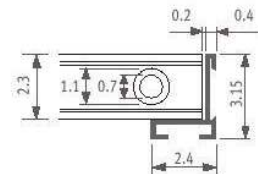
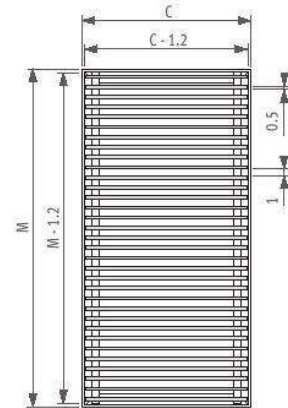
Grille width dimensional tolerance: +0/+0.2 cm

## Mini Canal\_Overview grilles

### Roll-up aluminium grilles



Roll-up anodized aluminium grille with frame in the same colour.  
Free air flow 70%.



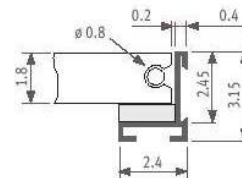
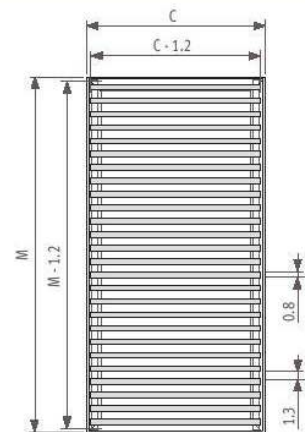
Grille width dimensional tolerance: +0/+0.2 cm

### Roll-up stainless steel grilles

Stainless steel  
Roll-up **S**tainless Steel



Roll-up grille in rustproof high grade steel V2A1.4301. With matching frame in anodized aluminium in natural colour, including mounted black rubber strip to cover the bottom edge of the frame, and to avoid contact noises.  
Free air flow 60%.



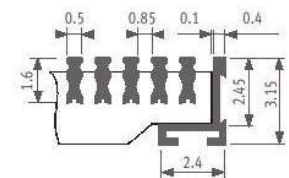
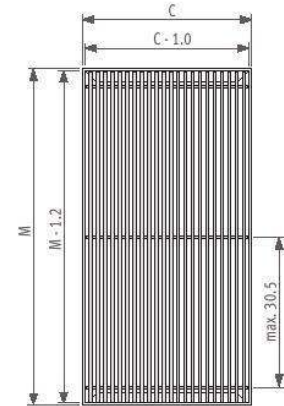
Grille width dimensional tolerance: +0/+0.2 cm

## Mini Canal\_Overview grilles

### Designo rigid aluminium grilles



Rigid anodized aluminium grille, Designo model with reduced slat spacing.  
Frame in the same colour. Free air flow 62.5%.

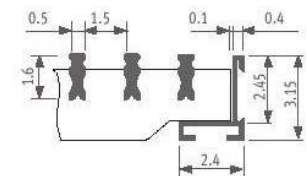
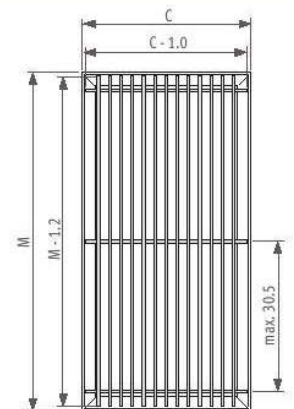


Grille width dimensional tolerance: +0/+0.2 cm

### Rigid aluminium grilles



Rigid anodized aluminium grille with frame in the same colour.  
Free air flow 75%.



Grille width dimensional tolerance: +0/+0.2 cm

## Mini Canal\_Overview grilles

### Designo rigid aluminium grilles lacquered

Lacquered **COLOUR/DNC**  
Designo stiff Natural Colour

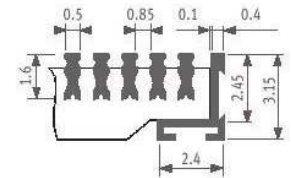
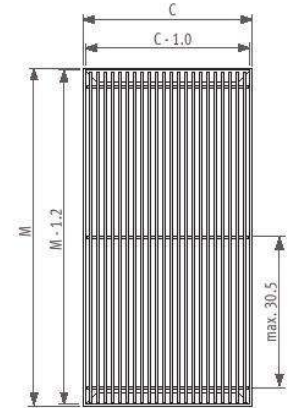


32 colours

To ensure perfect adherence of the lacquer coating, the anodized aluminium is painted with an extremely wear resistant and UV resistant polyester lacquer coating of the highest quality. Grille and frame in the same colour, gloss degree 70%: see colour chart.

Free air flow 62.5%

Attention: only the colour codes beginning with 4 and colour 006 are suitable (extra hard wearing).



Grille width dimensional tolerance: +0/+0.2 cm

### Rigid aluminium grilles lacquered

Lacquered **COLOUR/SNC**  
Stiff Natural Colour

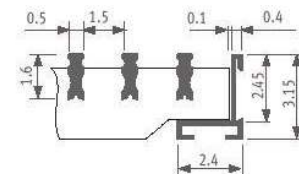
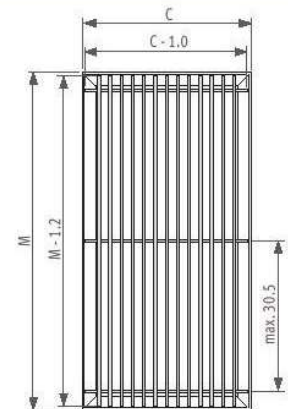


32 colours

To ensure perfect adherence of the lacquer coating, the anodized aluminium is painted with an extremely wear resistant and UV resistant polyester lacquer coating of the highest quality. Grille and frame in the same colour, gloss degree 70%: see colour chart.

Free air flow 75%

Attention: only the colour codes beginning with 4 and colour 006 are suitable (extra hard wearing).



Grille width dimensional tolerance: +0/+0.2 cm

