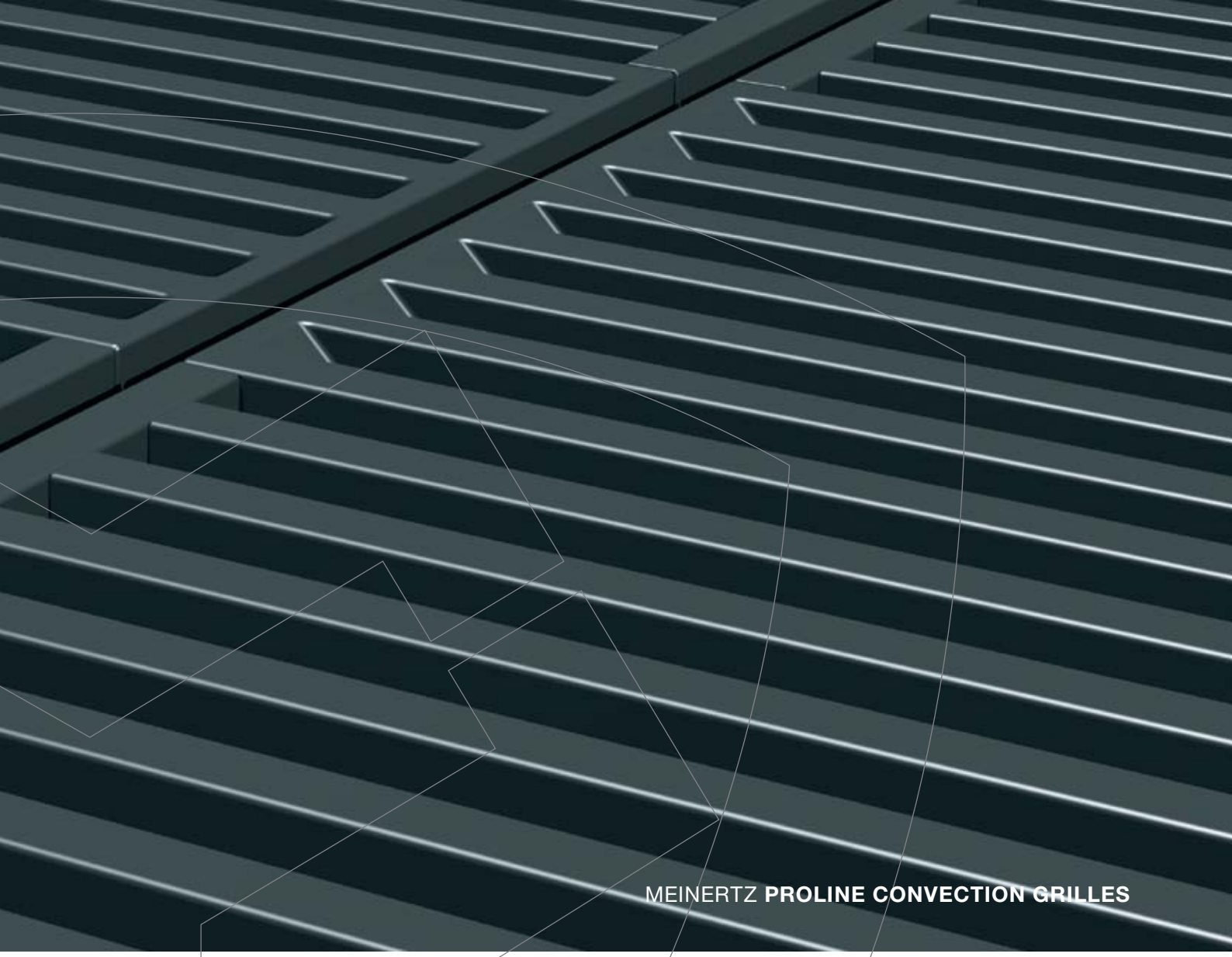
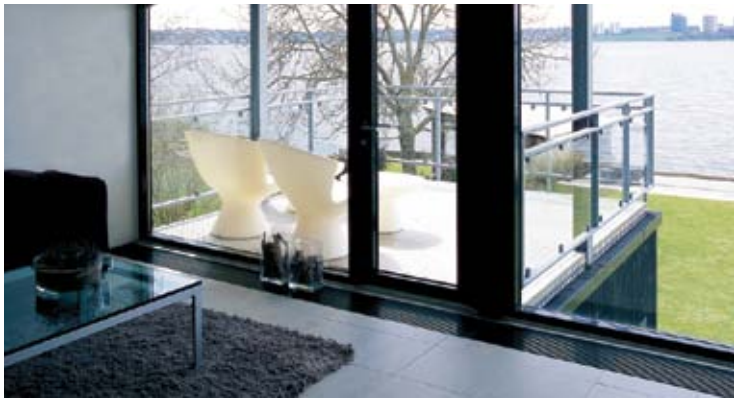


MEINERTZ **PROLINE CONVECTION GRILLES**

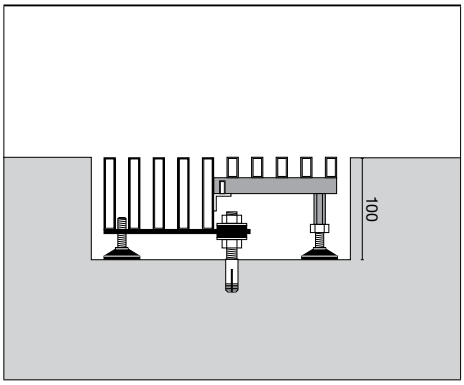
MEINERTZ



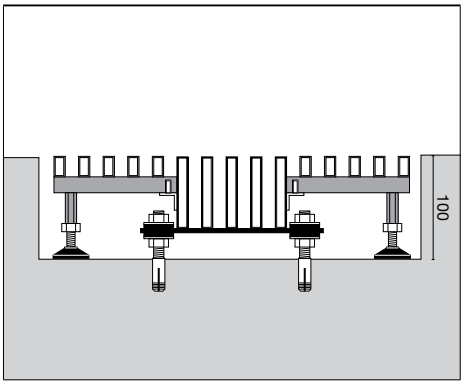
ProLine The convection grilles are mounted in the floor in front of large windows, where they efficiently compensate for any cold downdraught. The convection grilles provide unobstructed views through the glazing, and with their stylish design, they form an elegant architectural base for the building's windows. The convection grilles consist of a convector with from three to fourteen water filled sections, plus one or two matching dummy grilles. This makes it possible to scale the convection grilles according to the relevant heating requirement. The convection grilles only require a trench to a maximum depth of 100mm, which means that they can also be mounted in steel trenches on floors in existing buildings. The convection grilles can withstand loads of up to 250 kg, and can be supplied powder coated in all RAL and NCS colours in lengths of up to 6000 mm.

In concrete trench

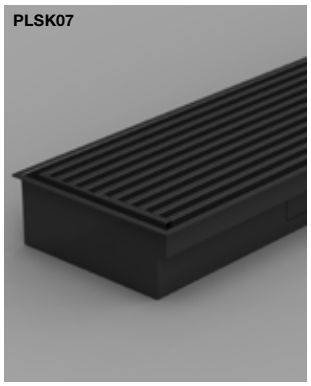
ONE SIDE GRILLE



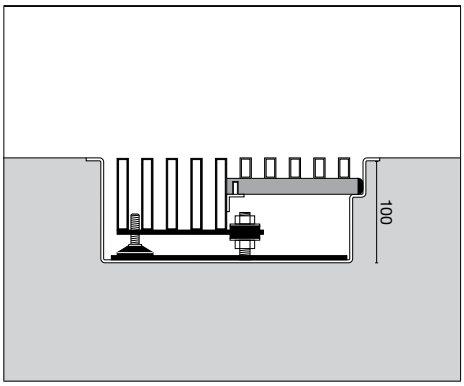
TWO SIDE GRILLES



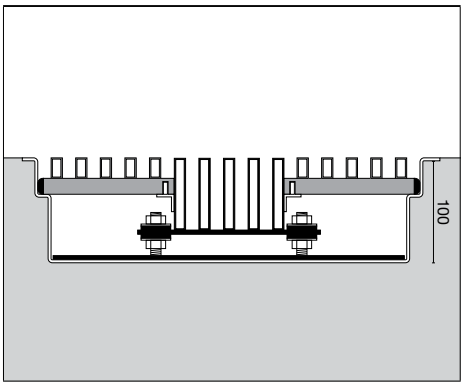
In steel trench

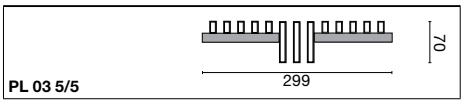


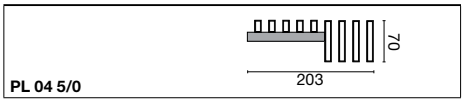
ONE SIDE GRILLE

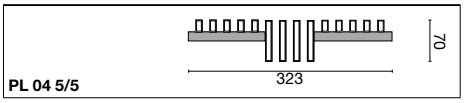


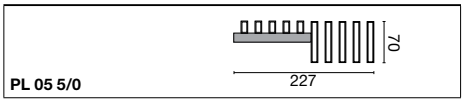
TWO SIDE GRILLES

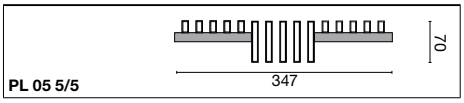


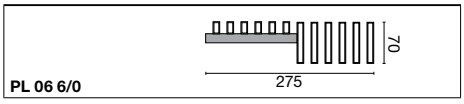


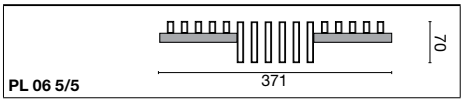


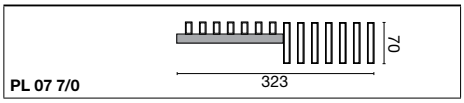




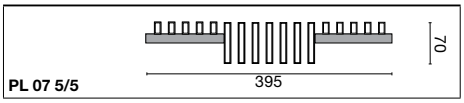


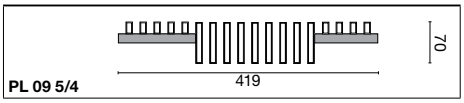


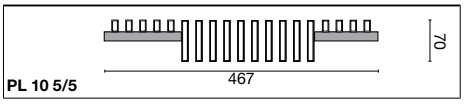


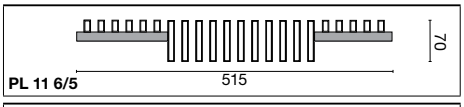


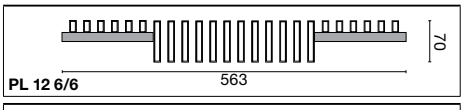
Due to technical reasons on output, two side grilles are recommended in the case of eight or more water filled sections.

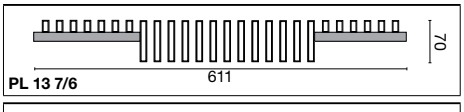


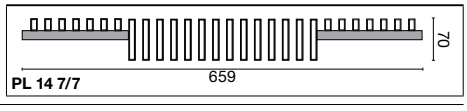


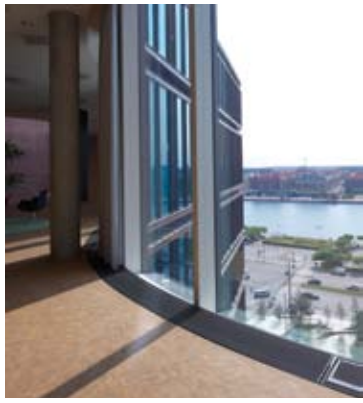












Curved ProLine All convection grilles are produced in bespoke lengths and the individual panels can be adapted to particular architectural details. This also applies to curving facade sections, irrespective of whether these involve a circular curve or a combination of an arc and a straight stretch, in unbroken lengths of up to 5.4 metres. Curved convection grilles can be supplied for mounting in concrete trenches, or pre-mounted in steel trenches. Orders of curved convection grilles demand precise measurements on site – and we can offer to assist in making correct measurements and templates.

Shape can also have a function

It’s a question of meeting the ambitions of the architecture

A
ProLine Convection Grille with 90° solution

B
Separate grille with mitred sawn profiles

C
ProLine Convection Grille with 45° solution

D
Corner cover plate in 1.5 mm steel

Adaptations

To create the ideal architectural synthesis, there are a number of ways to integrate ProLine Convection Grilles with facade sections – including in corners, at glazing bars and along columns. ProLine is also available as an inactive dummy grille for use in locations where there is no heating requirement but where a coherent architectural expression is desired in combination with convection grilles. All adaptations and coverings have the same surface as the ProLine Convection Grilles.

E
Continuous side grille and convector adapted around mullion

F
Cover plate in 1.5 mm steel

G
Cover plate in 1.5 mm steel around mullion

H
ProLine dummy grille with collar fitted to mullion

It's the details that make the design

ProLine Convection grilles with electrical box

Convection grilles are ideal for routing electrical and data cables in a hidden steel duct beneath the side grille. Outlets can be built into the convection grille as required. This is done using a specially-designed panel element with a lid providing access to an individually designed electrical/data box. A cable aperture in the lid ensures that the wiring from the box is discreetly routed.

MEINERTZ RadLab is an exploratorium for architects, designers and others who wish to create buildings in which all of the details form a harmonious architectural design. The MEINERTZ RadLab has everything you need to create or try out ideas for heaters as architectural elements, in the company of experienced radiator design professionals. The MEINERTZ RadLab is a combination of a playground and a workshop, where creativity, functionality and fine craftsmanship go hand in hand. Why not design your own radiator, next time you are working on a project that deserves more than just a standard solution? Try out a workshop at MEINERTZ RadLab.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Technical data ProLine Convection Grilles

Lengths:

MEINERTZ ProLine Convection Grilles are available in any required length up to 6000mm within a manufacturing tolerance of +/- 5 mm.

Colours:

MEINERTZ ProLine Convection Grilles are supplied as standard powder coated in colours RAL 7024 (graphite) or RAL 9007 (grey aluminium) but other RAL or NCS colours can be supplied on request.

Installation:

MEINERTZ ProLine Convection Grilles can be installed in concrete or steel trenches, with a minimum depth of 100mm for concrete trenches and 110-130mm for steel trenches, as height adjustment must be possible. If cable ducts are to be integrated into the convection panels, the depth at the duct must be a minimum of 110mm. The depth, bend size, etc. of the steel trenches can be adapted to each individual project. For more information on customised solutions, contact MEINERTZ.

Delivery:

All MEINERTZ products are custom made for the individual projects but our efficient production system ensures rapid delivery times. We can advise you on dimensioning and can make measurements and accurate production templates on site, if required.

Environmental factors:

MEINERTZ is a CO2-neutral company that exclusively utilises energy from alternative energy sources. All of our products are made of materials that are 100% recyclable. All our transport packaging is made from plain wood from managed forests. All excess powder used in the powder coating process is recycled in our high-efficiency paint cabin.

Technical information:

Technical data sheets, performance information and detailed instructions for series connection, etc., may be downloaded from www.meinertz.com – or contact your local consultants.

You can find lots of ideas for creative uses of MEINERTZ products on our website and in our inspiration guide.

MEINERTZ is more MEINERTZ means Danish design and Danish craftsmanship. All of our products are custom made in Denmark to match the specific dimensions and requirements of the individual projects. MEINERTZ also manufactures Convec comfort panels, which are efficient heaters in a minimalistic design for integration into construction projects with glass panels from floor to ceiling, or for wall mounting along ceilings, around corners, etc. The MEINERTZ range also encompasses a large selection of convectors and radiators, as well as finned tubes, which are an ideal and efficient choice for heating large spaces and in places where the rustic or colourful pipes can function as sculptural forms in the building.

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