

TRENCH CONVECTORS



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Efficiently functional yet discreetly stylish.



H₂O Heating's name has become synonymous with Trench Heating; each trench convector unit is custom designed by H₂O Heating taking into account the heat requirements of the room, the room's aesthetics and the client's preference for grille type.

Trench convectors are suitable for all types of properties but their sleek design lends itself particularly well to rooms with large expanses of floor to ceiling glass or large bi-fold external doors. With the use of trench convectors the aesthetics of the room are maintained whilst still providing an efficient optimal heating output.

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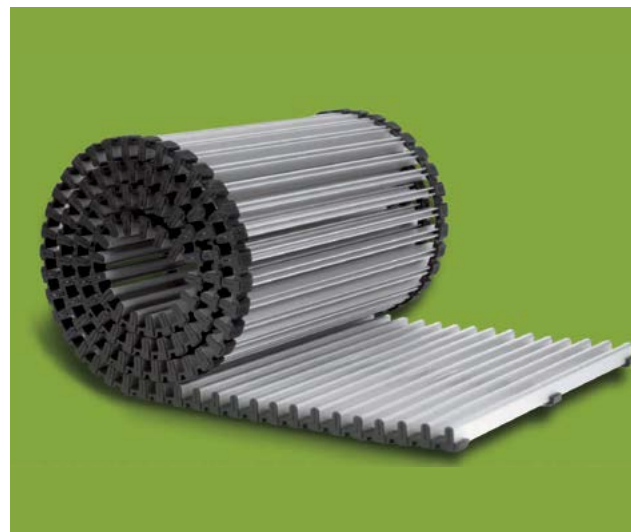
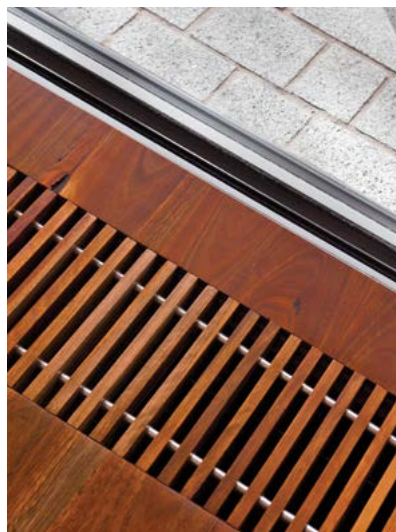
By design a trench convector is a discreet method of providing heat to a room, a steel housing unit is installed into the sub-floor with an internal copper finned tube heating element fitted inside, which is connected to the hydronic heating circuit. The entire unit is then covered by an elegant floor grille.

All trench convectors are custom made to fit any length of application. If they are to be installed in to a concrete slab floor a formed trench 200mm wide by 300mm deep must be provided by the builder for the housing unit to be installed, the hydronic pipe work must be installed prior to the pouring of the slab. For a timber sub-floor installation a timber frame must be installed (preferably to run in line with the support joists) prior to the housing unit being installed again 200mm wide by 300mm deep. (For more information please see our technical information drawings).

GRILLE OPTIONS

To complete the trench convector H2O Heating provide an elegant floor grille available in a number of options again custom designed to suit each individual client. As our grilles are custom made they take a minimum of 15 days to manufacture although some grilles take considerably longer depending on the application chosen.

H2O heating can provide a range of floor grilles to match any decor or floor finish, either flanged or flangeless in a variety of material, finishes and colours; please ask for more details. Please be aware that for an installation with a flangeless grille the builder will need to provide an internal support rail for the grille to sit on inside the trench; see technical information drawings.



HEAVY DUTY METAL GRILLE - made from a flanged heavy duty metal finished as standard in a powder coat of silver; the heavy duty metal ensures the grille will withstand in a trafficable area. The fixed metal grilles can be powder coated or anodised in any Dulux colour enabling further customisation of the finished trench.

ROLL UP METAL GRILLE - these grilles are made to size from lightweight aluminium and are available in a limited range of colours.

TIMBER GRILLE - H2O Heating offers clients the option of a timber grille made from any timber enabling an almost seamless integration of the trench grille into the floor.

