

THE PERIMETER HEATING COMPANY



FAN COIL CASING PRODUCT BROCHURE

The Perimeter Heating Company Ltd is known for its versatility in the manufacture of bespoke products, including the fabrication of fan coil casings.

Wall mounted fan coil units are often specified on projects and as each project is unique, The Perimeter Heating Company will design and manufacture fan coil covers to match.

Weather working from client specifications or designing from scratch, we ensure the most unobtrusive design possible while maintaining accessibility for operation and maintenance.

New installations and refurbishments alike, our fan coil casings can be manufactured as single units or continuous casing to tie the building together, incorporate electrical and data management as well as conceal other services.

The fan coil unit design can also be combined with our Finrad® heating elements to produce a number of bespoke convection radiator designs.

Please contact sales@perimeterheating.com to discuss your specific requirements.

Contemporary Design with an antique twist



(Left) These units were situated below each window around the exterior of the building. The existing plastic casings that were supplied had yellowed over the years. Based on architect sketches, the replacement covers required access through the grille as well as removable front panels for maintenance. The machined grille end sections were etched and anodised bronze along with the outlet grille adding an antique aspect to an otherwise contemporary design. The non-vision louvered plinth allowed maximum airflow to the unit while concealing pipework. Additional fabricated components were fixed internally to prevent recirculation/bypass after removing the OEM casing. Matching radiator covers within the entrance lobby completed the project (Right).

Sleek and Modern



In this conversion of a former industrial warehouse. The fan coil units were situated along the balustrade either side of the mezzanine level, as well as around the exterior and stair cases. With an open view of the rear of the unit the design required a fully enclosed casing for the floor mounted FCU and the offset opening below the grille allowed for a shorter unit, maximising floor space.

With the acoustic properties of the former warehouse, noise was to be kept to a minimum. 10mm acoustic lining to all internal surfaces reduced the noise of the FCU as much as physically possible without hindering performance.

The matching grille and wrap around removable front panel complete this sleek modern fan coil casing.

Form and Function



Incorporation of low level power and data management was the main objective of this installation within this listed building. Set back from the front panel to supply air to the FCU. Following a site measure, full layout drawings were produced using the FCU manufacturer drawings to ensure correct positioning of the outlet and alignment of our cill section. A costly error averted when our design engineer discovered several FCU's ordered were too large for the available space. The contractor was informed, order amended, and the installation went in with no delays.

Bespoke as Standard



Even this tower block required bespoke components. The refurbishment of five floors of these offices required over 800m of fan coil casings. The structure itself creating identical bays with two active sections and a central make up section concealing the pipework. Skirting level cable trunking providing power without compromising the clean design. Bespoke end caps tied the deep casing back to the central services block while also covering the entry point of the large bore pipe work.

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