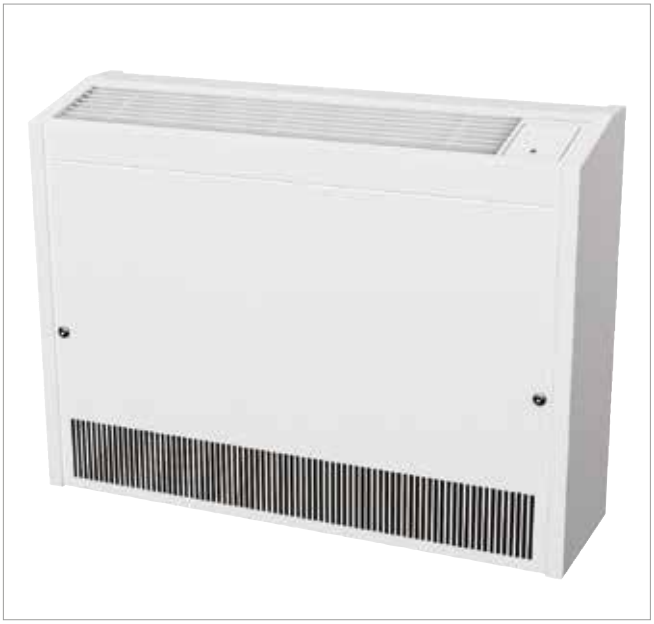
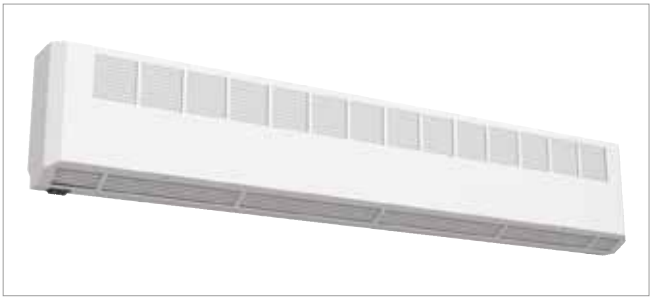
Case Study
The Church, Ettiley Heath, Elworth

Smith's
A Swan Group Company

Improved efficiency levels at The Church, Ettiley Heath with Smith's.





The Client
The Church, Ettiley Heath required new heat emitters for its hall, church and lavatories. Originally built in 1888 as a Primitive Methodist church, its community hall was built in 1954. In 2003, the Methodist church joined with the local Anglican Church St. Peter's, Elworth, to serve the ever growing mixed age community.

The Challenge
The church hall had high ceilings, making the space difficult to heat satisfactorily with panel radiators. The church also required a new heating solution and the lavatories required new heating as well.

The £130,000 renovation project also included a new toilet block, including disabled facilities, new kitchen, and general updating of the building. The hall was used by different church and community groups and there was a need to improve the time the space took to heat up to a comfortable temperature. The previous oil-fired heating system required the heating to be switched on at 3 am in order for the premises to be warm enough for the Sunday morning service. It was replaced by a modern boiler and new Smith's fan convectors.

The Solution
Smith's fan convectors plumb into any wet heating system. The inherent ability of Smith's fan convectors to heat up a space much more quickly than panel radiators made them the ideal choice for this church heating project.

The buildings now warm up in under twenty minutes, creating a positive impact on the church's heating bills, as well as a warm and satisfied congregation.

The Products
Four Caspian 90/06 floor-mounted fan convectors were installed in the main church hall. Two Space Saver plinth heaters were used in the new kitchen, removing the existing inefficient panel radiators, and creating more worktop and storage space. Three Ecovector High Level fan convectors were specified for the lavatories and subsequently, due to the initial success of the new Smith's fan convectors, a further three Caspian 120/12 floor-mounted fan convectors were installed in the church, with two Ecovector HL 1000 heaters in the vestry.

The low surface temperature (LST) surface of Smith's fan convectors also lends itself to venues where a wide range of ages regularly come through the doors. Smith's fan convectors are compatible with all types of wet central heating systems, whether connected to a conventional boiler or renewable technology, such as ground and air source heat pumps, they function equally efficiently. Smith's fan convectors are compatible with all types of wet central heating systems, whether connected to a conventional boiler or renewable technology, such as heat pumps or biomass boilers, they function equally efficiently.

All Smith's products also come with a free five-year parts and labour warranty for additional customer comfort.

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