



... German engineering excellence for commercial projects

Wolf GmbH, one of the world's leading suppliers of ventilation and heating technology, has a dedicated office in Ireland with a strong team headed up by Sales Director Niall Horgan and Technical Sales Manager (Ireland & UK) Peter O'Brien.

Over the years Wolf's rapid progress, based on its German engineering excellence, has led to its emergence as a total systems supplier combining five sectors – heating, ventilation, air conditioning, solar and combined heat and power plants. They are installed across all building types.

Wolf has many prestigious commercial installations throughout Ireland and here we profile two recently-completed projects.



Wolf factory in Mainburg, Bavaria.

Project 1:

Celbridge Community School

Location: Celbridge, Co Kildare

Mechanical Contractor: Ashten Engineering

Boilers: Two Wolf CGB 100kW units

Wolf GmbH has provided two CGB 100kW wall hung gas condensing boilers to the new Celbridge Community School in Kildare. This school comprises a new building with a maximum capacity for 450 students. It has 17 state-of-the-art classrooms, including science rooms with working stations, four offices and a staff room.

Michael Ashe, Director of Ashten Engineering, carried out the full mechanical installation on the school. Michael commented: "The schedule was tight and we needed everything up and running before the new school term started. We chose Wolf for a number of reasons – the lead time on the boilers was quick; they have a good modulation range, meaning less burner starts therefore increased boiler life; they are high-efficiency and are made in Germany."

Michael added: "Whenever we wanted to check a technical aspect relating to the boilers or controls, Peter O'Brien, Technical Sales Manager for Wolf (Ireland & UK) was on the phone or on site straight away. We are delighted with the new boilers. As well as being very reliable they are also very easy to install."

The Wolf CGB wall hung condensing boilers are available in 50kW, 75kW and 100kW Outputs. These models offer extremely high efficiencies, up to 109% at 30% part load. They also have a maximum permissible flow temperature of 90°C, meaning they can satisfy almost any design criteria.



Plant room side view at Celbridge Community School showing the two Wolf CGB 100KW units.



Smartset app for perfect control

In connection with the ISM7i interface module and a smartphone, the Wolf Smartset app allows users to conveniently operate their heating systems no matter where they are. An internet connection will only be made if permitted by the user.

Full access to the selected heating system is possible from the contractor level. The associated operating conditions are shown. Adjustments can be made and parameters called up and modified.

Project 2:

Portmarnock Sports & Leisure Centre

Location: Portmarnock, Co Dublin

Mechanical Contractor: Quinn Downes

Boilers: Two Wolf MGK-2 550kW units

Wolf GmbH supplied two MGK-2 550kW floor standing gas condensing boilers to Portmarnock Sports and Leisure Centre in Dublin, which are now delivering high efficiency, low cost heating. This centre boasts some fantastic facilities including a 25m indoor heated swimming pool; indoor courts; state-of-the-art gym; outdoor all-weather tennis courts; studios; and function rooms.

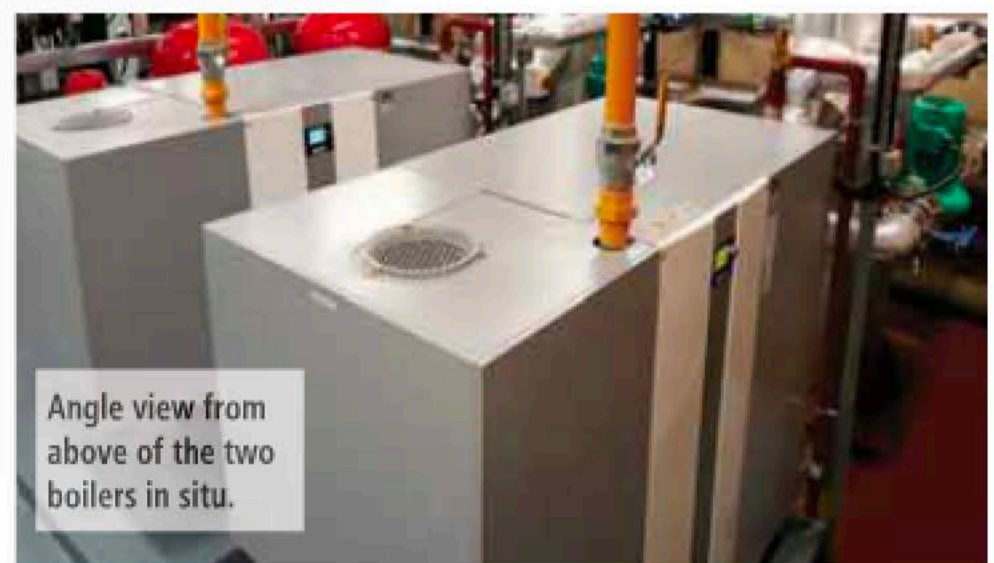
Prior to the installation of the new Wolf MGK-2 boilers, the centre was heated by two standard efficiency boilers that were over 35 years old. They had to run at full capacity to try and meet the full heat demand and this led to high energy use and therefore increased running costs. The units also required continuous maintenance. Hence the decision to upgrade.

David Dempsey, Contracts Manager at Quinn Downes, oversaw the project. The new boiler installation was scheduled to coincide with a complete plantroom fit-out and refurbishment

work to the pool so the timeframe was tight.

David commented: "The MGK-2 boilers were delivered on a pallet and due to their compact size, were easy to manoeuvre into the plantroom and onto the existing plinths. As they take up considerably less space than the old boilers, there is more space within the plantroom, making access and maintenance considerably easier."

The MGK-2 range has been designed for commercial applications. Models are compact in dimensions and the whole range can fit through a standard 800mm door. Available in 130, 170, 210, 250, 300, 390, 470, 550, 630KW outputs, all the MGK-2 models offer extremely low NOx levels and a wide modulation range of 17-100%. Next year the range will go up to 1000KW. All models can be controlled via a smart phone, laptop or PC (see story above).



Angle view from above of the two boilers in situ.



Energy saving and environmental protection as standard

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