

100%  
IRISH



## FIREBIRD LIGHT COMMERCIAL CASCADING SYSTEM

For larger heat demands, all Firebird high efficiency condensing boilers can easily be multi cascaded (modulation) through the Low Loss Header Management System. These cascade units can provide a condensing output of up to 600kW with the ability to reduce overall output down to a ratio of 1:4. This ensures efficiency is maintained even when demand is low. The controller manages the boilers to deliver heat to the Low Loss Header, depending on demand from the Low Loss Header.

### System Features

- ErP Compliant when used with a Firebird condensing oil boiler.
- High efficiency boilers/system.
- Fully condensing.

### Low Loss Header Features

- Easy to install - 4 mounting points.
- Rotational to facilitate pipe work.
- Large tapping for larger boilers (can be bushed down as required).
- Easy accessible draining tap.
- Convenient tapping points for expansion provision.

### Management Controller Features

- Controls up to 4 equal sized boilers.
- Weather compensation built in.
- Timed control rotation of master/slave function (10-800hrs).
- Two button navigation selection.
- Clearly marked electrical connections.
- Easy set up.



Firebird Heating Solutions Ltd.  
Údarás Industrial Estate, Baile Mhic Íre,  
Co. Cork, Ireland, P12 HK51.  
t: +353 (0)26 45253 f: +353 (0)26 45309  
e: info@firebird.ie www.firebird.ie

Firebird Heating Solutions Ltd.  
Shean, Forkhill,  
Newry, BT35 9SY.  
t: +44 (0)28 3088 8330 f: +44 (0)28 3088 9096  
e: firebirdproducts@hotmail.co.uk www.firebird.ie

[www.firebird.ie](http://www.firebird.ie)

McGAVIGAN MECHANICAL SERVICES AND HEAT MERCHANTS INVOLVED IN A SUCCESSFUL HEATING UPGRADE AT ST EUNAN'S CATHEDRAL...

## Singing Firebird's praises!

Work to upgrade the heating system at St Eunan's Cathedral in Letterkenny is set to keep parishioners warm when winter weather hits, thanks to the installation of new Firebird boilers.

However you approach Letterkenny – from Derry in the east, Gweedore and Glenties in the west, Fanad and Falcarragh in the north, or Donegal and Ballybofey in the south – the tall spire of St. Eunan's Cathedral greets you. Officially opened in 1901 the cathedral's heating system had seen better days, so the parish turned to leading domestic and commercial contractor, McGavigan Mechanical Services Ltd, to undertake an upgrade.

"There were two cast iron boilers in place but they were inefficient and not doing the job the cathedral required," explained Mark McGavigan. "We installed Firebird C100 Enviromax Popular Boilers in a cascade format and they are superb. It used to take the old boilers two hours to heat the church but the new Firebird system takes just 15 minutes. The Firebird boilers were really straightforward to install too, so overall, we were delighted with this project. "I've definitely been converted to Firebird. The boilers are highly efficient and easy to install while the back-up service from the company is of a really high standard."



Pictured with the new Firebird boiler at St Eunan's Cathedral, Letterkenny are (from left) Cathal Rafferty, Firebird; Raymond Timoney, Heat Merchants; Seamus McGavigan, McGavigan Mechanical, and Fr Eamon Kelly of St Eunan's Cathedral.

The Firebird C100 Enviromax Popular Boilers were installed alongside C/W RDB burners and plume dispersal kits as well as a Firebird Cascading Controller and a Magna 3D 80-120F main church circulation pump. Boasting a patented heat exchanger design and built from premium quality steels, the compact design of the Firebird C100 Enviromax Popular Boilers made them perfect for St Eunan's Cathedral. The boiler also includes a series of installer-friendly features, such as 4-tapping points that increases

installation options; a 7-pin plug that simplifies wiring; and multi-directional flue options.

The use of a Firebird Cascading Controller further enhances the efficiency of the installation. A controller suitable for wall mounting, complete with case and clamps for wiring, the Firebird Cascading is ideal for a

maximum of eight modulating cascade boilers, offering cooling with humidity control; automatic configuration and remote management. Like all Firebird products, it also offers easy installation, with simplified wiring connections and a clear menu structure.

The supply of the Firebird products was carried out by Heat Merchants. The company has a network of 31 branches across the country and a business development team supported by a technical team providing fully indemnified heating system design, ancillary certification, commissioning and after sales service.

T: 028 3088 8330

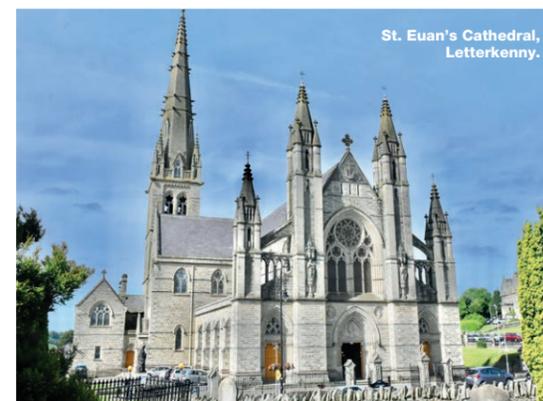
W: [www.firebirdheating.ie](http://www.firebirdheating.ie)

### Project Details

**Contractor:** McGavigan Mechanical Services Ltd.

**Supplier:** Heat Merchants.

**Products:** Firebird C100 Enviromax Popular Boilers and Firebird Cascading Controller.



St. Eunan's Cathedral, Letterkenny.