

ISSUE 93 - JAN/FEB 2020

# plumbing & heating

A TRADE MAGAZINE FOR IRELAND

FREE COPY

## THIS ISSUE

- Commercial Heating & Plumbing
- Heat Pumps
- Merchant News
- Case Studies



Aerona<sup>3</sup> Air Source Heat Pumps



High Performance Cyclinders



Afinia Aluminum Radiators



Solo Fan Convectors



Solo Hideaway Fan Convectors



Sahara Solar Thermal

### Multiple Package Solutions

featuring

Uflex Underfloor Heating



Think Heating. **Think Grant.**

[www.grant.eu](http://www.grant.eu)

# Remote Boiler Filling Loop

The simple way to fill and pressurise a system

ALT-ST0035



The Altecnic ALT-ST0035 filling loop consists of a double check valve, a flexible hose with union connectors, sealing washers and a ballisolating valve with 4 bar pressure gauge.

**Altecnic Ltd** - Caleffi group

[www.altecnic.co.uk](http://www.altecnic.co.uk)

For further details: [oemsales@altecnic.co.uk](mailto:oemsales@altecnic.co.uk) +44 (0) 1785 218208

or Chris Reilly, Country Manager for Ireland,  
on 00353 85 2152288, [chris.reilly@altecnic.co.uk](mailto:chris.reilly@altecnic.co.uk) or

Gary Swann, Northern Ireland Sales Manager,  
on 07760 596727 or e-mail [gary.swann@altecnic.co.uk](mailto:gary.swann@altecnic.co.uk)

**altecnic**  
CALEFFI group

Issue 93 - Jan/Feb 2020

## In this issue...



**plumbing & heating AWARDS**  
NORTHERN IRELAND 2020  
FRIDAY 6 NOV • CROWN PLAZA • BELFAST  
IN ASSOCIATION WITH  
**FLO GAS**  
SEE PAGES 24-25




**PLUMBEX**  
TRADE EVENTS  
BELFAST • CORK • DUBLIN  
SEE PAGE 63



## News &amp; Views

- 5 **Hamilton Gas Products**  
Best performing Testo Service Centre
- 12 **PTS**  
Charity Ball Success
- 15 **Gas Chat Ireland**  
Popular Facebook page raises money for charity
- 74 **Watersafe**  
NI plumber recruitment drive

## Product News

- 37 **Rinnai**  
New generation hot water systems
- 47 **Anton**  
Future of flue gas analysers
- 55 **Warmflow**  
New heat pump
- 65 **Sonas Bathroom**  
New Scandinavian furniture collection

## In Focus

- 9 **Flogas**  
Carbon offsetting initiative
- 17 **Greenline Plumbing Supplies**  
Business continues to thrive
- 29 **M&P Mechanical**  
New NZEB compliant apartments
- 53 **Altecnic**  
Importance of product accreditation

**THE TEAM:** Managing Director **Karen McAvoy**  
Publication Manager **Jacqui Fairley**  
Editorial **Chelsea McCann**  
Contributors **Roger Anderson, Heather Campbell**  
Advertising **Karen Jess, Anita Murray**  
Digital Executive **Sarah Walker**  
Head Designer **Julie Anne Guiney** | Design & Digital **Jo Wilson**  
Photography **Gordon McAvoy** | Printed by **W&G Baird**

**CONTACT US:**

The Forge, 13b Lisburn Road,  
Moira, Co. Armagh BT67 0JR  
**T: Moira:** 028 9261 2990  
**T: Dublin:** 01 696 8319  
**E:** plumbing@kmpitd.co.uk  
**www.plumbingmag.com**

**FOLLOW US ON:**

 plumbing & heating magazine  
 @plumbingmag  
 plumbing & heating magazine  
 plumbingmag

Plumbing & Heating Magazine is published on a bi-monthly basis and distributed throughout Northern Ireland and the Republic of Ireland on a controlled circulation.



## Because everyone deserves quality.

Fit a premium brand at an accessible price with our new Worcester 2000 combi.

As part of our winter promotion, both 25 and 30kW models come with a Greenstar Comfort+ II control in every box!

[worcester-bosch.co.uk/2000](http://worcester-bosch.co.uk/2000)



\*When installed with a Greenstar System Filter. Subject to terms and conditions.

## TESTO AND HAMILTON GAS PRODUCTS DELIVER INCREASED GAS SAFETY

**Hamilton** Gas Products has been an approved service centre for Testo flue gas analysers since 2011, meaning that gas engineers in Northern Ireland can use Hamilton Gas Products to service and calibrate their flue gas analysers each year. Annual calibration is a legal requirement, because flue gas analysers are vital instruments to check the safe operation of gas appliances in homes, businesses and public places. With nearly 50 people killed from CO poisoning in Northern Ireland since 2011, it is clearly an important concern. Only approved service centres can legally work on Testo flue gas analysers. Hamilton Gas Products maintain an accredited workforce and repair shop which is audited twice per year by Testo calibration and quality managers.



Paul Jordan, Operations Director at Testo presenting the Distribution Partner Award to Alastair Hamilton, CEO at Hamilton Gas Products.

In recognition of their outstanding work in 2019, Hamilton Gas Products Limited have been crowned the Testo UK Distribution partner award winners for best performing authorised service centre.

T: +44 (0)28 9146 1111  
[www.gasproducts.co.uk](http://www.gasproducts.co.uk)  
[www.testo.com/en-UK](http://www.testo.com/en-UK)

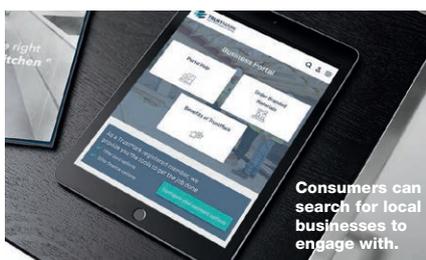
## AID FOR BELFAST'S HOMELESS

**Fusion** Heating chose Belfast Homeless Services as their charity partner over Christmas. Staff donated either filled shoe boxes or money to help the city's homeless this festive period. Over thirty boxes of goodies were donated, along with a cheque for £1,520. Many of Fusion's suppliers also donated money to help this very worthy cause. Belfast Homeless Services provide a drop-in centre and support for those living on the streets. With more than a quarter of the UK's recent homeless deaths happening in Northern Ireland, when the cold hits it's more important than ever to help those sleeping rough. Everyone at Fusion hopes these donations will make life a little more tolerable for the clients of the charity over the Christmas period.

T: +44 (0)28 9044 9499  
[www.fusionheating.co.uk](http://www.fusionheating.co.uk)

## NEW FINANCING SOLUTIONS FROM TRUSTMARK

**The** new and affordable finance options from TrustMark, for their registered businesses, will allow more of their customers the option to make improvements to their home, with new finance options. The finance options offer loans and spreading of payments for specific jobs, up to £25,000, spreading the cost of work undertaken from 3 to 10 years. In addition, alongside the opportunity to offer finance, businesses can provide customers the option to pay by card, using the quote builder on the TrustMark portal. The options are currently available to businesses in the heating, electrical, glazing,



Consumers can search for local businesses to engage with.

kitchens, bathrooms, audio visual, plumbing, conservatory, insulation and security sectors. These new benefits are designed to further support Registered Businesses in delivering a full range of services, which consumers can have complete confidence and trust in when having work carried out in their home.

T: +44 (0)333 555 1234  
[www.trustmark.org.uk](http://www.trustmark.org.uk)



Pippa Mitchell and Ashlee McCartney, from Fusion Heating, delivering presents and a cash donation to Belfast Homeless Services.



The **guarantee** that sells itself

\*Terms and conditions apply.





## Grant unveils new underfloor heating



AS GRANT CONTINUES TO DRIVE THE INDUSTRY FORWARD AND DIVERSIFY THEIR PRODUCT PORTFOLIO, THEY HAVE LAUNCHED THEIR NEW UFLEX UNDERFLOOR HEATING SOLUTION...

Since 1978, Grant has offered industry-leading home heating solutions to customers throughout Europe and beyond. From condensing oil-fired boilers to a growing range of renewable technologies, Grant supplies thousands of loyal customers with their wide range of highly efficient and reliable heating products. The newest product, Uflex underfloor heating, will see the company adding to their existing range of modern heat emitters including the Grant AFINIA aluminium radiators and Grant Solo fan convector radiators.

Grant's Uflex underfloor heating is a viable option for a wide range of projects, from one-off new builds and room extensions through to

larger multi-property developments. The system offers convenient, highly efficient heating, especially when paired with a heat source like the Grant's AERONA<sup>3</sup> R32 air source heat pump. The pipework is installed during the initial stages of the property's development, which means no delay in drying. The pipes are positioned and clipped into place once the flooring's insulation and membrane has been fitted, after which a flow screed is laid over the top of this and allowed to fully dry before heat is introduced.

The Uflex system also includes a self-adhesive edging strip which is located around the surrounds of the area the screed is laid. This strip also comes with a unique 'skirt' design which provides



*"Grant's Uflex underfloor heating is a viable option for a wide range of projects."*



heating, Barry Gorman, from Grant Technical Sales is confident of its strong position within the brand's existing ranges, "Launching our heat emitter offering was a natural step for us to take with the Afinia and Solo ranges of radiators. These products have been very well received within the industry, and the Uflex underfloor heating system has complemented the offering nicely and enables us to provide customers with a well-rounded choice of modern heat emitters."

The Uflex underfloor heating is a key component within Grant's Multiple Package Solutions offering. This complete solution provides tradespeople working on new build or deep retrofit projects with the opportunity to save time, by having a property's full heating requirements designed, quoted and supplied by the technical specialists at Grant; who can ensure optimum efficiencies by accurately combining multiple heating technologies into one convenient package. This free service also ensures correct product sizing to meet the property's exact heating requirements, helping to maximise efficiencies and bring the home heating system into a new class of efficiency which can result in greater long-term savings for the property owner and a reduction in carbon emissions for the planet. Grant's Multiple Package Solutions incorporate a range of high and low temperature heat sources, including the A+++ Aerona<sup>3</sup> R32 inverter-driven air source heat pump and the award-winning range of Vortex condensing

oil boilers. Following selection of a heat source, supporting technologies are specified to support the systems overall efficiency including Grant's new pre-plumbed hot water cylinders which provide high performance and can work with one or more heat source. The final stage in the process focuses on selecting the correct heat emitters to suit both the property and the heat source's needs and may include Grant Uflex underfloor heating, Grant Afinia aluminium radiators or Grant Solo fan convector radiators.

### Grants Multiple Package Solutions are available with three easy steps:

1. Send planning drawings to [heatpump@grantengineering.ie](mailto:heatpump@grantengineering.ie)
2. A member of the Grant team will be in touch with you to discuss requirements
3. You will receive full property specifications with recommended products all available from Grant.



### Benefits of the Uflex system

- Offers an efficient heating solution
- Suitable for both new builds and retrofits
- Highly efficient when paired with a Grant Aerona<sup>3</sup> heat pump
- Easy installation
- Optimal control and comfort
- Operates at lower flow temperatures
- Can provide individual zone control
- Increased hygiene due to reduced air circulation transferring dust particles

an overhang, curving alongside the wall, containing and sealing the screed. The strip also reduces heat loss where the floor meets the walls and allows for expansion of the floor. As the system is designed for continuous operation, with heat being supplied all day, this means that the screed acts as a thermal store. In addition to the mechanical components such as pipework and manifolds, Grant also supplies the necessary controls to operate the underfloor heating system as efficiently as possible. With the touch of a button, controls can be set to provide different room temperatures and different time intervals on individual heating zones, with a wireless option also available. Commenting on the Uflex underfloor

Contact the Grant Technical Team  
T: (NI) 0800 0443261  
T: (ROI) +353 (0)57 9126 968

To keep up-to-date with the latest Grant news, visit [www.grant.eu](http://www.grant.eu) or follow Grant on Facebook, Twitter or Instagram @mygrantni @grantirl



# EVERYTHING YOU ASKED FOR. AND MORE.



We asked UK installers what they wanted in a boiler, and built it into the Baxi 600. Compact but powerful with tough brass fittings, and now there's more.

Introducing the Baxi 800 with a 10 year warranty and a filter in the box.

Find out more



[baxi.co.uk](http://baxi.co.uk)

Follow us



**BAXI**  
Make it easy

\*Terms and conditions apply. Visit [www.baxi.co.uk](http://www.baxi.co.uk) for details.

AMIDST INCREASED PRESSURE ON THE COMMERCIAL SECTOR TO TAKE MORE RESPONSIBILITY FOR THEIR CARBON FOOTPRINT BY DRIVING DOWN CARBON EMISSIONS, FLOGAS HAS LAUNCHED A CARBON OFFSETTING SOLUTION FOR ITS COMMERCIAL CUSTOMERS...

## Make your business more sustainable

The recent initiative from Flogas will allow its customers to offset 100% of their own carbon emissions, by providing critical support for projects directly benefiting the environment which deliver equivalent carbon savings. Providing 'carbon finance' in this way allows businesses to reduce their overall carbon footprint and environmental impact. Before offsetting, Flogas always encourages businesses to reduce their emissions where possible.

To launch the initiative, Flogas has offset its own carbon emissions and that of Flogas brand ambassador, Neven Maguire's, restaurant and home. Collectively, they have now compensated for over 3,500 tonnes of carbon emissions in 2019, achieved by investing in climate protection projects via South Pole, a gold standard provider of carbon offsetting projects all over the world.

John Rooney, Managing Director at Flogas Ireland said, "We're urging our business customers to take a proactive approach towards tackling climate change and differentiate themselves from the competition. Participating customers will be able to display marketing materials and certificates demonstrating their carbon offsets and it's an excellent opportunity for savvy

*"Participating customers will be able to display marketing materials and certificates demonstrating their carbon offsets and it's an excellent opportunity for savvy business owners keen to get ahead of the curve."*



(L-R) John Rooney, Managing Director at Flogas Ireland with brand ambassador Neven Maguire at the launch of the company's carbon offsetting solution for its business customers.

business owners keen to get ahead of the curve."

At MacNean House and Restaurant in Blacklion, Cavan, Neven Maguire uses Flogas LPG for cooking, heating and hot water and Flogas electricity for its power needs. Neven said, "I am delighted to be a part of this wonderful initiative from Flogas. By investing in gold standard carbon offsetting projects, we can all help bring positive change around the globe with sustainable, economic, social and health benefits to different communities. "

Carbon offsetting is recognised worldwide as a way of managing carbon emissions. For a minimal fee, Flogas will purchase carbon credits on behalf of participating commercial customers, investing in sustainable

### The benefits of offsetting your business' carbon emission

- Mitigate 100% of your emissions
- Supports sustainable causes
- Shows your eco commitment
- Helps you stand out from your competitors
- Simple to sign up

global projects that either reduce or capture an equivalent amount of carbon emissions.

Examples of such projects include forest protection, providing access to clean and efficient LPG cookstoves, supporting renewable energy projects and wastewater treatment and biogas utilisation projects. Carbon emission reductions are certified through globally recognised standards and audited by independent third parties.

[www.flogas.ie/carbon](http://www.flogas.ie/carbon)

[www.flogasni.com/carbon](http://www.flogasni.com/carbon)



Peter Brosnan, Sales Representative, Flogas Ireland (centre), presented a cheque for €500 to Paddy O'Flynn, south-west Regional Vice-President and Anne McKernan, south-west Regional Fundraising Officer, at St. Vincent de Paul, Cork.

## FLOGAS SUPPORTS SOCIETY OF ST. VINCENT DE PAUL AND MARIE CURIE

**Flogas Ireland** is delighted to have supported two great causes at Christmas 2019, the Society of St Vincent de Paul (SVP) and Marie Curie. The company contributed a total of €1,500 to SVP, with Marketing Manager Eoin O'Flynn and Sales Representatives Roy Masterson and Peter Brosnan presenting cheques to charity representatives in Drogheda, Ballyhaunis and Cork. In Belfast, Paul Ruegg, Senior Marketing Executive, presented a £500 cheque to Marie

Hannan, Partnerships Manager at Marie Curie, the largest charitable provider of end of life care in Northern Ireland. John Rooney, Managing Director at Flogas, said "St Vincent de Paul and Marie Curie provide wonderful support to many people in the local communities close to our terminals and other facilities. We are glad to be able to support them both financially at this time of year."

[www.flogas.ie](http://www.flogas.ie)  
[www.flogasni.com](http://www.flogasni.com)

## CRU APPROVAL FOR FLOGAS

**Flogas Ireland** and Just Energy Ireland have received formal approval from the Commission for Regulation of Utilities (CRU) for their agreement to transfer Just Energy commercial and residential gas and electricity contracts in Ireland to Flogas. The announcement follows the decision of Just Energy to exit the Irish market following an evaluation of its operations there. There will be no impact on supply to the 10,000 Just Energy Ireland electricity and gas customers during the transfer period and over the coming weeks, all Just Energy customers will receive communications from Flogas about their accounts. On transfer to Flogas, some individual tariff details may change but Flogas is assuring customers that their annual estimated bill should not increase. Flogas has purchased carbon offsets equivalent to the carbon generated from the supply of electricity to Just Energy customers, so their electricity supplied will be carbon neutral.

**Flogas Customer Support Team in Drogheda:**  
 +353 (0)41 987 487  
[www.flogas.ie](http://www.flogas.ie)  
[www.justenergy.ie](http://www.justenergy.ie)



John Rooney, Managing Director, Flogas Ireland.

## IRISH SCIENTISTS TO LEAD EU PROJECT

**The EU-wide** research project has proposed a new method of home heating that could slash home heating bills, whilst also benefitting the environment. The team at the International Energy Research Centre (IERC) at Tyndall National Institute in Cork, will lead the €8.6m MiniStor project to develop a system which uses special salts to store heat generated by the sun. The research

is being funded under the EU Horizon 2020 programme and is expected to take just over four years to complete. While still in its infancy, it's estimated the system will cost €9,850. IERC lead have estimated that MiniStor could reduce energy consumption in an average house by 44% and pay for itself within seven years. If implemented widely, the system could help reduce close to 3,396 tons CO<sub>2</sub>-equivalent per year.



The **guarantee** that sells itself

\*Terms and conditions apply.



LPG



## Switch to Flogas home heating and get 1,200 litres of LPG free\*.

Whether you're building your own home or simply want to switch from oil to gas, Flogas home heating is quick and easy to install. No matter where you are, Flogas is your one source for efficient heat, hot water and tumble drying, as well as instant and controllable gas cooking.

So join **Rory Best** and the thousands of others who have made the smart move to Flogas.

Discover what Flogas can do for you today:  
Republic of Ireland

T: 041 983 1041 | E: [info@flogas.ie](mailto:info@flogas.ie) | [www.flogas.ie](http://www.flogas.ie)

Northern Ireland

T: 028 9073 2611 | E: [info@flogasni.com](mailto:info@flogasni.com) | [www.flogasni.com](http://www.flogasni.com)



\*Terms & Conditions apply. See [www.flogas.ie/t&c](http://www.flogas.ie/t&c)

**Wherever you are**





# PTS Christmas Gala Ball 2019

A YEAR OF SUCCESSFUL FUNDRAISING CULMINATES IN THIS SPECTACULAR EVENT IN SUPPORT OF CANCER FUND FOR CHILDREN. SEE IF YOU CAN SPOT YOUR PICTURE...

Plumbing Trade Supplies (PTS) has had an incredibly active year with their charity fundraising events, holding five large events in support of Cancer Fund for Children. Their year concluded with a fantastic gala ball on November 22nd in the Grand Ballroom at the Europa, a wonderful evening that was well supported by the all areas of the plumbing and heating industry; manufacturers, suppliers and customers alike all gathered together to support a worthy cause and enjoy the festivities. With entertainment from Tim Megarry and

James Huish, the night was an absolute delight for all in attendance. Every week in Northern Ireland, another three children and young people aged 0-24 years old will be diagnosed with cancer, and the charity aims to support both the young person and their family, so that they don't feel they have to face the issues alone. The ball raised an incredible £24,500, and PTS would like to thank everyone who has supported their fundraising and contributed so generously. The company has raised a grand total of over £50,000 this year to fund the selfless work of the Cancer Fund for Children.



*"Every week in Northern Ireland, another three children and young people aged 0-24 years old will be diagnosed with cancer."*



Branches in Belfast (Grosvenor Road and Duncrue), Lisburn, Enniskillen, Derry, Newry and Dublin. For more information, telephone +44 (0)28 9027 1600 or visit [www.ptsireland.co.uk](http://www.ptsireland.co.uk)



Plumbing Trade Supplies



Plumbing Trade Supplies

The trade's  
local plumbing  
and heating  
supplier



- An unrivalled local level of service backed up by a national support network
- Friendly, knowledgeable staff
- Fast and efficient delivery service
- Industry-leading brands

[www.ptsplumbing.co.uk](http://www.ptsplumbing.co.uk)

**NORTHERN IRELAND**

- BELFAST
- DUNCRUE
- ENNISKILLEN
- LISBURN
- DERRY
- NEWRY

107-127 Grosvenor Road, Belfast, County Antrim BT12 4GL.

36-38 Duncrue Road, Belfast BT3 9BP.

131 Sligo Road, Enniskillen, County Fermanagh BT74 7JZ.

Unit 1, Ballinderry Business Park, Ballinderry Road, Lisburn BT28 2SA.

Unit 11a, College Business Park, 40 Springtown Industrial Estate, Derry BT48 0LY.

Unit 8, Cambane Business Park, Tandragee Road, Newry BT35 6QJ.

T: 028 9027 1600

T: 028 9078 7700

T: 028 6632 3888

T: 028 9263 5330

T: 028 7130 6000

T: 028 3083 1340

**REPUBLIC OF IRELAND**

- DUBLIN

Unit 1, Block K, Ballymount Industrial Estate, Dublin 1

T: 00353 (1)456 8530



The team at MyLife with their cheque for the money raised for the Birmingham Children's Hospital Charity.

## MYLIFE BATHROOMS HOST COFFEE MORNING

**The Newry** based wholesaler recently held the event to raise money for the Birmingham Children's Hospital Charity. The charity has said online, "It is only through the kindness, generosity and hard work of our supporters raising these vital funds for our charity that we are able to do more and more every year to take us closer to achieving our vision: to provide the best possible facilities and environment at Birmingham Children's

Hospital, for our exceptional patients and young people." The charity is very close to the hearts of the MyLife staff and they are very pleased to announce that they raised an incredible £2000. The team would also like to thank Koffy for all their help in supplying the coffee and coffee machine, as well as Larkin's Centra for donating baked goods.

**T: +44 (0)28 3025 6392**

**E: [sales@mylifebathrooms.com](mailto:sales@mylifebathrooms.com)**

**[www.mylifebathrooms.com](http://www.mylifebathrooms.com)**

## IRP ELECTION RESULTS

**Shane Henderson**

and Richard Burke from the Heating and Plumbing Association of Ireland (HPAI) have been elected onto the Installer Representative Panel (IRP). Joining them on the panel is Pat Jordan, Ken Lawrence, Fred Cleary and John Reynolds. The panel had vacancies for six Registered Gas Installers, comprising of three representatives from Leinster, two from Munster and one from Connaught/Ulster. The main purpose of the Installer Representative Panel is to help facilitate communications between members, RGII and the Commission for Regulation of Utilities (CRU) and inform decision-making of the Gas Safety Supervisory Body. The term of appointment is for a period of three years and meetings are chaired by the CRU. The HPAI is an organisation based in Cork, and its purpose is to improve the Plumbing and Heating Industry in Ireland - Congratulations to the new panel!

**E: [info@hapai.ie](mailto:info@hapai.ie)**  
**[www.hapai.ie](http://www.hapai.ie)**  
**[www.rgii.ie](http://www.rgii.ie)**

## JOIN THE GAS CHAT IRELAND FACEBOOK GROUP!

**The group** was formed when a couple of registered gas installers, Mark Ryan and Phil Mahady, decided to set up a Facebook group as the most accessible way of allowing like-minded individuals to come

together and discuss the problems in the industry. The incredibly popular private page, which reached 1000 members in December 2019, is very active, with members offering support and advice to each other, as well as



enjoying an exclusive space to discuss their trade. Most recently, Gas Chat has held a Christmas Raffle for its members, selling tickets for £10 each and all proceeds will go toward Crumlin Medical Research Foundation, with members of the group all

contributing fantastic prizes.

Everyone in the gas and heating industry is encouraged to get involved.

**To find the group on Facebook, simply search for 'Gas Chat Ireland' and answer a few questions to join.**



The **guarantee** that sells itself

\*Terms and conditions apply.





Phoenix Energy Services six new apprentices are pictured alongside Phoenix Energy Services Operations Manager, Duncan Whelan and Phoenix Energy Services Apprentice Mentor, Robert McConnell.

## PHOENIX FUEL THE FUTURE

Phoenix Energy Services has appointed six new gas engineer apprentices to its team. Rocco Quinn from Templepatrick, Harvey Joyce from Lurgan, Finn McKendry-Quinn from Killyleagh, Daniel Hughes from East Belfast, Shéa Davison from North Belfast and Aaron Jennings from Ballynahinch, were all recently appointed and will be learning the gas trade with expert support, while obtaining formal heating and plumbing qualifications

as they work towards securing a full-time gas engineer role. Commenting on his appointment, Daniel Hughes, one of the youngest apprentices, said, "The apprenticeship scheme is a great way to get into the industry, learn a trade and get qualifications while still working. I am grateful for this opportunity and am keen to learn as much as I can to be the best engineer I can possibly be." [www.phoenixenergyservices.com](http://www.phoenixenergyservices.com) [www.phoenixnaturalgas.com](http://www.phoenixnaturalgas.com)

## SNIFEFF SUPPORTS NEW CAMPAIGN TO PROTECT WATER QUALITY IN NORTHERN IRELAND

SNIFEFF, the Scotland and Northern Ireland Plumbing Employer's Federation, is supporting the launch of a new campaign to help keep customers' tap water fresh by signing up qualified plumbers in Northern Ireland to a UK-wide plumbing register. Northern Ireland Water and WaterSafe, the UK-wide accreditation body for competent and qualified plumbers, want to tackle the poor plumbing in the home or workplace which can create problems like strange taste, discolouration, and leaks, by signing up all of the Province's plumbers to its WaterSafe register. By working together with skilled professionals, however, many of these issues can be avoided altogether or rapidly resolved. Members of WaterSafe benefit from free promotion and branding, customer reassurance and a direct link to Northern Ireland Water.   
T: +44 (0)131 556 0600 [www.snipeff.org](http://www.snipeff.org)   
T: +44 (0)333 207 903 [www.watersafe.org.uk/howtojoin](http://www.watersafe.org.uk/howtojoin)

## KEEPING HOMES SAFE IN WINTER

Some of Northern Ireland's leading utility companies have produced a campaign to help homeowners get winter ready. Northern Ireland Water, NIE Networks, Phoenix Natural Gas and Openreach have launched the timely campaign to remind homeowners that winter preparations are a vital part of the holiday season. Spending a little time on protection early on could help avoid trouble and expense, such as burst or frozen pipes or a broken-down boiler. The campaign offers a 'cut out and keep' list of useful contact details, should utility services be disrupted due to severe weather. Sara Venning, Chair of the Joint Utilities Working Group said, "By working together, we have combined winter advice and information on all our companies into one simple format for the public. Preparation really is key for winter



(L-R) Michael McKinstry, Phoenix Natural Gas; Sara Venning, NI Water; Carmel McConville, Consumer Council NI; Mairead Meyer, Openreach; Paul Stapleton NIE Networks.

weather and we encourage all householders to take the time to get winter ready." [www.niwater.com](http://www.niwater.com) - [www.phoenixnaturalgas.com](http://www.phoenixnaturalgas.com)



The **guarantee** that sells itself

\*Terms and conditions apply.



David Bates and Ray Purfield recently received their Merchant of the Year Award from Ray McClay, Worcester Bosch.



CONTINUING TO GROW

WITH ISSUES SUCH AS CONSTANTLY SHIFTING REGULATIONS, REVOLUTIONARY TECHNOLOGY AND BREXIT ALL AFFECTING IRISH BUSINESSES IN TURBULENT 2019, GREENLINE HAS NAVIGATED ITS SECOND YEAR WITH STYLE AND PLENTIFUL SUCCESS...

## Greenline continues upward trajectory

Since its inception in 2017, Greenline has quickly established itself as the leading heating and plumbing supplier in Co. Meath and has continued to grow in ways that were not initially imagined. A glance at the online reviews really exemplifies the company's reputation for effective customer service, with many visitors leaving compliments for Greenline staff. The company can now proudly declare its award-winning status for its services, having been acclaimed for outstanding customer service at Ireland's Plumbing and Heating Awards 2019. These awards pay homage

to businesses which are really blazing the trail in the industry, and attract attention from newly emerging businesses to long-established industry giants. Store Manager, Ray Purfield, described the award as, "great recognition for us" and many patrons of the store were quick to congratulate the fantastic achievement. Customer service is highly prioritised at Greenline. All members of staff are trained extensively on all products and are on hand to answer every customer query. Ray explains some further detail about why the company focuses so intently on its service, "Plumbers like to

come in here because we know what we're talking about. One of our staff members is a qualified plumber; he knows exactly what plumbers are after and the type of information they need. Donal, my right-hand man, works on the counter and is also very knowledgeable. All members of staff attend training courses every year which means that when a plumber rings us with a question, we know how to help them." Although cost is a factor when it comes to product selection, it's »

*"All members of staff are trained extensively on all products and are on hand to answer every customer query."*

Greenline Plumbing Supplies, 22 Mullaghboy Industrial Estate, Navan, Co Meath  
 T: +353 (0)46 902 2533 - E: sales@greenlineps.com  
**www.greenlineps.com**

**GREENLINE**  
 PLUMBING SUPPLIES

**PLUS+**  
**Qual-Pex**  
**EASY-LAY**

50 YEAR GUARANTEE  
MADE IN IRELAND

FLAT | FAST | FLEXIBLE

[www.pipelife.ie](http://www.pipelife.ie)  
Phone: +353 21-4884700 Email: ireland@pipelife.com

**Best Wishes to**  
**Greenline Plumbing Supplies**

**24/7, 365 days a year**  
Experienced & Fully Equipped Service & Repair Teams

Prompt, efficient & comprehensive service throughout Ireland, with a large stock of pumps, motors, valves & electrical products

- > Mallow
- > Ballyhaunis
- > Mountrath
- > Naas
- > Bangor

**eps** Rethinking Water

Think Heat Pumps. **Think Grant.**

**AERONA<sup>3</sup>**  
INVERTER DRIVEN TECHNOLOGY

**GRANT**  
www.grant.eu

**MD IRELAND** IRELAND'S **NO.1** DISTRIBUTOR

High-quality brand names in Plumbing, Heating and Bathroom products

**Partnership. Performance. Professionalism.**

Contact:  
SALES OFFICE:  
☎ +44 (0)28 9262 0400  
e: sales@mdireland.com

Mark Crawford - Area Sales Representative  
☎ +44 (0)7764 634144  
e: mark.crawford@mdireland.com

**MD IRELAND**



Pictured L-R are David Bates, Ray Purfield, Donal Reilly and Alan Keating.

CONTINUING TO GROW

not the most important one. “As a plumber said to me one day, it’s not all about price. There’s no point having a great price and not delivering the product for three weeks.” Ensuring deliveries get to site when the customer needs them has been critical to Greenline’s success. “A lot of our plumbers work nationwide, so the vans go wherever they’re needed. We work hard to ensure our customers are satisfied with the service they receive from Greenline. That commitment has led to repeat business while reputation of our service has also spread, which means that

we’re seeing continued growth in our customer base.” Now with an award under its belt to both celebrate and evidence the hard work the company has put into its customer service, Greenline shows no signs of slowing down. Greenline has also used their industry knowledge and fantastic products to cultivate plenty of loyal and satisfied customers. Greenline Plumbing Supplies was born out of the idea that customer service and product quality are the two most important factors in gaining repeat business and delivering customer satisfaction, and along with great prices, that

is an unbeatable combination for success. With two years of implementing these goals, the company has continued to mature and advance. Ray reflects on the company’s beginnings, “Starting out with just two staff, we now have seven and also have three vans out on the road which deliver to building sites throughout the region. Our growth has surpassed all expectations.” Contributing to its growth are the many leading manufacturers that Greenline stocks, which are already well used, liked and represented across many projects in Ireland and further afield. For their plumbing department, brands like DeWalt, Milwaukee, REMS, Makita and Bosch are all proudly on display at the store. Additionally, the company supplies boilers from Grant, Firebird, Worcester, Viessmann and Idealogic and also sanitaryware from Sonas Bathrooms. For their



*“Starting out with just two staff, we now have seven and also have three vans out on the road.”*

Greenline Plumbing Supplies, 22 Mullaghboy Industrial Estate, Navan, Co Meath  
 T: +353 (0)46 902 2533 - E: sales@greenlineps.com  
[www.greenlineps.com](http://www.greenlineps.com)

**GREENLINE**  
 PLUMBING SUPPLIES



**GRIFFON - the makers of T-88, have introduced their full range to the Irish market**



**The product range covers:**

- Pipe Lubricants & Sealants
- Water Proofing & Tanking
- Adhesives & Sealants
- Specialist Tools
- Cleaners & Degreasers

**Distributed in Ireland by**

Excel Industries,  
Coolmine Industrial Estate  
Clonsilla Road,  
Dublin D15 N704. Ireland

Tel: 01 8118701  
Fax: 01 8118785  
Email: sales@excel-industries.com  
Web: www.excel-industries.com

The complete Griffon range is available from

**GREENLINE**  
PLUMBING SUPPLIES



**COMPETITION TIME AT:**

**GREENLINE**

PLUMBING SUPPLIES

**SPEND €250 INSTORE AND  
ENTER PRIZE DRAW TO WIN AN  
8KW DAIKIN HEAT PUMP KIT!**

**PLUMBING / HEATING / BATHROOM /  
HEAT PUMPS / RENEWABLES**

**Opening hours:** Mon - Fri 7am-6pm Saturday 8am - 1pm  
Greenline Plumbing Supplies, 22 Mullaghboy Industrial Estate, Navan

**T:** 046 9022 533 **E:** sales@greenlineps.com  
**www.greenlineps.com**

IRELAND'S  
**plumbing  
& heating  
AWARDS**  
2019 ★

**WINNER**

PLUMBERS'  
MERCHANTS  
AWARDS  
BEST CUSTOMER SERVICE



heating department, Greenline supply a broad range of radiators, cylinders, pumps, booster pumps and expansion vessels; water heaters, underfloor heating systems and the latest heating controls are all available. With these products available instore and for delivery, Greenline can cater to any plumbing and heating situation; whether it is a site on a schedule or supplying a whole new heating or renewable energy system.

"We have the technology to combat climate change and we can start today," Paul Allen, project coordinator for the Centre for Alternative Technology, said in June 2019. Both Ireland and the UK are on a "trajectory" to net-zero carbon emissions by 2050, a significantly bolder ambition than the previous commitment to reduce emissions by 80%. Doing their part, Greenline stocks a significant amount of renewable energy solutions including heat pumps and solar panels. Going further than stocking and promoting the use of greener plumbing and heating systems,

Ray explains, "We have acquired vast knowledge of renewable systems through years of experience with on-site surveys, a special service we offer. We can visit you on-site to advise on the best

system to suit your needs and to ensure you have the exact requirements for your project."

With Irish carbon taxes set to rise from €20 to €80 per tonne by 2030, ensuring buildings

have the most energy efficient solutions in place is more important than ever and Greenline has responded to these rising needs with urgency and the personal touch they have come to be renowned for. With the future of Greenline looking increasingly brighter with every triumph, Ray took the opportunity to extend his gratitude to those who have supported the company. "We

have a huge amount of repeat business which is always a good sign. We're attracting new customers every day and that's thanks to word of mouth and recommendations from existing customers."

Ray is also full of praise for his team, who have also made all of Greenline's success a possibility; Donal Reilly, Assistant Manager; Alan Keating, Sales; Carol Hardimon,

Accounts; Noel Faulkner, Driver; and David Bates, Sales Representative.

Conveniently located just off the M3 motorway, clients on their way to projects are able to easily collect their orders in the morning. Greenline is open from 7am until 6pm Monday to Friday and 8am until 1pm on Saturdays, ready to greet any client with expert advice and an award-winning smile.

*"We have acquired vast knowledge of renewable systems through years of experience with onsite surveys, a special service we offer."*

Greenline Plumbing Supplies, 22 Mullaghboy Industrial Estate, Navan, Co Meath  
T: +353 (0)46 902 2533 - E: sales@greenlineps.com  
[www.greenlineps.com](http://www.greenlineps.com)

**GREENLINE**  
PLUMBING SUPPLIES

GERPEX IS THE MODERN AND EFFICIENT EMMETI SYSTEM USED TO BUILD HEATING AND SANITARY SYSTEMS WITH MULTILAYER PIPES, MADE FROM CROSS LINKED POLYETHYLENE PIPE (PEX) AND ALUMINIUM AND SPECIAL FITTINGS...

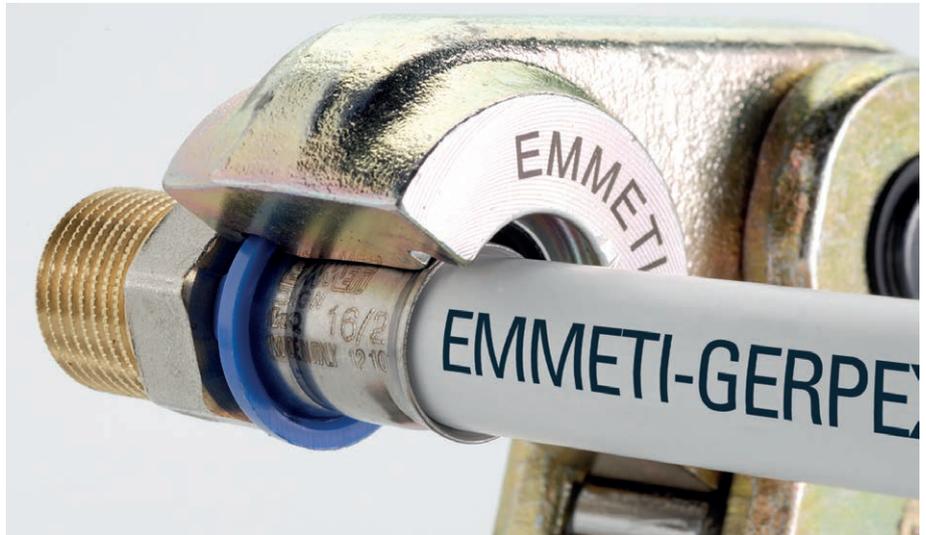
## Emmeti Gerpex - full system solution

Increasingly, price points, reliability and speed of installation are driving product choices when designing and specifying new developments. "Piping made from multi-layer composite pipe is a viable alternative to copper because it offers flexibility, speed of installation and the elimination of hot works on site," says Emmeti's Ireland Sales Manager, Sean Leonard. MLCP has also seen less dramatic price fluctuations in recent years compared with copper and steel. The flexibility of the pipe, together with the use of press fittings, is where MLCP can offer significant savings to developers on installation time. The pipe can be bent readily (including 90-degree bends), allowing efficient routing around the building. Once bent, it retains its form and stays in position. The pre-insulated MLCP Pex al Pex option provides further savings on installation time and cost. MLCP pipe with corrugated sleeve is ideal for supplying feeds to radiators within screeds. MLCP consists of a plastic pipe (PE-Xb) with an internal aluminium layer that offers rigidity, form retention and a solid oxygen barrier. Emmeti's MLCP is seam welded, which is stronger than overlapping and maintains a more consistent aluminium thickness. The internal smooth surface prevents limescale and considerably reduces pressure drops. In sanitary systems this also contributes to preventing legionella.

### PRESS FITTING

When the pipe is combined with our press fittings, it makes the Gerpex system a complete and highly reliable product with a WRAS guarantee of 50 years.

Press fittings are a clean, simple and more efficient alternative to traditional



jointing methods such as soldered copper and threaded steel fittings. They consist of engineered brass, with an outer sleeve coating of nickel plating that is not in contact with fluid. The use of a pressing tool to ensure a clean, secure joint means the system can be installed with no hot works on site. The fittings have a double O-ring system made from ethylene propylene diene monomer (EPDM) rubber. Finally, a plastic ring incorporated into the fitting prevents di-electric corrosion between the aluminium layer of the pipe and the brass-bodied fitting. Compared with conventional plastic piping, MLCP has low expansion characteristics because of the internal aluminium layer. For design and specification purposes, thermal expansion is comparable to copper. Applications of the Water Regulations Advisory Scheme (WRAS) approved system mean it is used regularly within potable environments as well as heating and chilled water systems. **For further information contact Sean Leonard T: +44 (0)7766 730 559 or Alun Coulter T: +44 (0)7766 730 684 www.emmeti.co.uk**

### Stockist...

Bassetts are delighted to provide the Emmeti range of products to our customers. Having worked closely with Emmeti, it was evident that their values are aligned to our own, providing high quality, installer-friendly products and solutions, with a clear focus on customer service and technical support. Customers are dealing with a premier system solution manufacturer who holds all the appropriate WRAS system approvals, and this was a key factor in Bassetts decision to partner with Emmeti. Our installers are very discerning, and they understand the importance of both quality and value when selecting which products to use. The customer events we have conducted with Emmeti have been incredibly well attended and received by our installers, and we look forward to the development of the Emmeti brand across our network of branches.

**Paul McMenamin**  
Sales Director, Bassetts.

Looking for an  
easier way to  
manage operations  
& increase profits?

simPRO is a powerful software solution  
for plumbing & heating businesses



Manage service, maintenance  
& projects from one platform



Streamline everyday business  
processes with automated tasks



Increase office to field  
communication with  
innovative mobile solutions



Gain complete visibility of the  
business with intelligent reporting



# plumbing & heating AWARDS

FRIDAY 6 NOV • CROWN PLAZA • BELFAST

IN ASSOCIATION WITH



RECOGNISING NORTHERN IRELAND'S TOP PLUMBING AND HEATING CONTRACTORS, CONSULTANTS, MERCHANTS, MANUFACTURERS, PEOPLE, PRODUCTS AND PROJECTS.

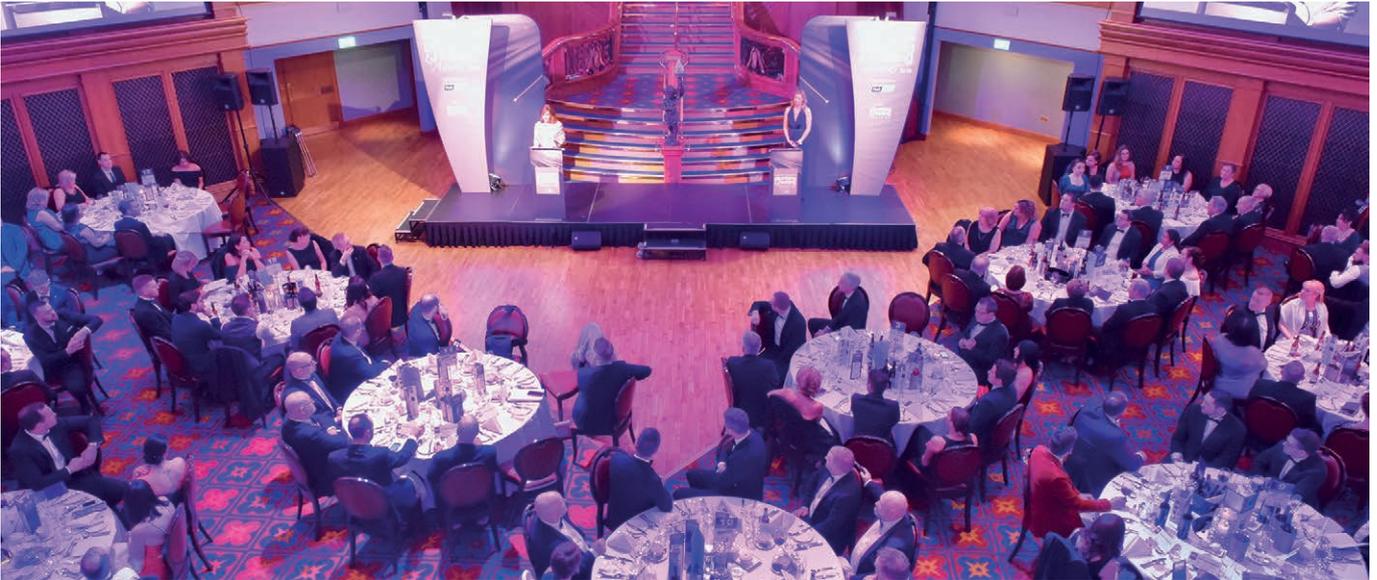
# ENTER NOW

Telephone Karen Jess to request and entry form for one of the following categories on...  
**T: (ROI) 01 6968319 or (NI) 028 9261 2990**

## 2020 CATEGORIES

- Product of the Year
- Best Marketing Campaign
- Apprentice of the Year
- Sales Representative of the Year
- Unsung Hero Award
- Special Recognition Award
- Domestic Projects of the Year
- Green Technology Project of the Year
- Commercial Projects of the Year
- Northern Ireland's Plumber of the Year
- Contractor of the Year Awards
- Merchant of the Year Awards
- Overall Achievement

**ENTRY DEADLINE  
3PM FRIDAY 4  
SEPTEMBER 2020**



THE AWARDS OFFER A CHANCE TO RECOGNISE AND CELEBRATE THE BIGGEST AND BEST ACHIEVEMENTS ACROSS THE INDUSTRY...

## Entries are now open for Northern Ireland's Plumbing & Heating Awards 2020

The Plumbing & Heating Awards are back in Belfast, held this year in the spectacular Crown Plaza Hotel on November 6, 2020. The evening will see a wide range of professionals flock together to celebrate the finest products, projects and people within all areas of plumbing and heating industry and to have an enjoyable evening at the country's only award event for this diverse sector. With categories designed to ensure that every section of this diverse industry is recognised – there will be a category for you and your company. The awards have been hosted by Plumbing & Heating Magazine, since the first award show back in 2012. We are pleased to announce that the awards this year are again sponsored by Flogas, a UK leading supplier of domestic Liquefied Petroleum Gas, with more than 35 years' experience in the sector. Gary Hanna, Sales Manager at Flogas NI said, "We're delighted once again to be the headline sponsor for the Plumbing & Heating Awards. The

professionals in this industry are a very important audience in helping us to deliver LPG and Natural Gas energy solutions to customers across the province. Therefore, we are delighted to support the awards, because they recognise and showcase the high standards of professionalism and best practice that we see every day throughout the industry." Each year

the awards are keenly supported by attendees, all there to cheer on the successes of both winners and entrants alike. The deadline for entries is Friday 11 September.

**For entry forms or more information, contact Karen Jess on (NI) 028 9261 2990 or (ROI) 01 696 8319, e-mail [karenj@kmp ltd.co.uk](mailto:karenj@kmp ltd.co.uk) or visit [www.plumbingmag.com](http://www.plumbingmag.com)**

### Sponsor an Award...

A range of different sponsorship packages is available to allow you to show your support for excellence and innovation in the Irish plumbing and heating sector. **For more information, contact Jacqui Fairley on (ROI) 01 696 8319 or (NI) 028 9261 2990, e-mail [jacqui@kmp ltd.co.uk](mailto:jacqui@kmp ltd.co.uk) or visit [www.plumbingmag.com](http://www.plumbingmag.com)**





**Chris Reilly,**  
Altecnic Country  
Manager for Ireland.



The ALT-ST0035 from Altecnic is an easy-to-use option for a filling loop, complete with a pressure gauge and is therefore ideal for remote filling.

EXPERTS WITHIN THE PLUMBING AND HEATING INDUSTRY, ALTECNIC, OFFER SOME INSIGHT INTO HOW TO GET THE BEST FROM FILLING LOOPS WHEN USING THEM WITH A CENTRAL HEATING SYSTEM (CHS)...

## A filling loop FAQ from Altecnic

With over 40 years of experience and a dedicated technical team, Altecnic has all the knowledge and resources to provide excellent advice on how and when to use certain products. The company offers several product options for filling loops to suit a variety of projects, with Altecnic and their stockists offering guidance and support to ensure plumbers and engineers make the best choice for their individual requirements.

### What is it?

A filling loop is a piece of apparatus used in the filling and pressurising of domestic central heating systems (CHS). In apartment blocks with a centralised boiler plant, they are

also used to fill and pressurise the secondary heating system of Heat Interface Units (HIUs).

### Where should the filling loop be installed?

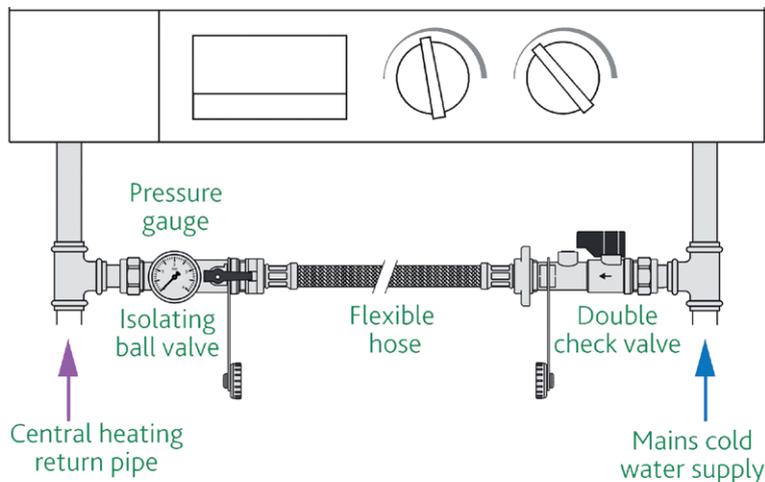
The filling loop is installed between the mains cold water supply inlet and the central heating return pipe in the boiler and HIU.

### Should the filling loop be connected permanently to the boiler?

No. After the system has been filled and pressurised, the service valves must be closed, the system isolated and the flexible hose removed and stored until it is used again. The following good practice guidance is available in relation to

temporary filling loops: Where a closed circuit heating system has fluid, which represents a slight health hazard because of the concentration of substances with low toxicity; including any fluid which contains ethylene glycol, copper sulphate solution or similar chemical additives, or sodium hypochlorite (chlorox and common disinfectants), the installation of a compliant double check valve on the fill point connection to the supply or distribution pipe may be considered as acceptable backflow protection. Where a fill point connection incorporates a "flexible connection" when not in use, it is good practice for the hoses on these connections to be completely disconnected and removed.

A typical installation of the ALT-ST0035.



*“Altecnic has taken the humble filling loop... and has added the extra security of a pressure gauge, which as discussed earlier, is a beneficial addition to ensure the CHS is running correctly.”*

However, a partial disconnection, only detaching one end of the hose, is equally acceptable providing that the disconnection is made between the hose and the backflow prevention device on the supply/distribution pipe.

#### **Do all boilers have a filling loop?**

A filling loop can be either part of the boiler itself, or it can be fitted close by it.

#### **Is a pressure gauge required?**

It would be beneficial. The pressure gauge measures the pressure in the heating system and is especially useful when the filling loop is installed away from the boiler or when the boiler or HIU does not have an integral pressure gauge. If the pressure is too low, the boiler will turn off and there won't be any hot water. Alternatively, high boiler pressure causes unnecessary strain and the system could break down. Therefore it is imperative to measure the pressure effectively.

#### **What is the maximum working pressure and temperature?**

The maximum inlet pressure should be 10 bar and the maximum continuous temperature should be 85 degrees.

#### **Why is the filling loop only temporary?**

Legality. The requirement that the connection is temporary is because Water Regulations prohibit the backflow of water into the mains which risk contaminating it. The risk of contamination from a CHS is even greater because of the corrosion and sludge which can build up inside and potentially the presence of anti-corrosion and biocidal chemicals. A permanent connection to a CHS is therefore not permitted.

#### **Can the filling loop be installed any way round?**

No. When installing an external filling loop, care must be taken to ensure that it is installed the right way around, otherwise the check valve will prevent the system from re-filling.

The Altecnic ALT-ST0035 filling loop consists of a double check valve, a flexible hose with union connectors, sealing washers and a ball isolating valve with a 4-bar pressure gauge. Altecnic has taken the humble filling loop which includes a double check valve, isolation valve and flexible loop and has added the security of a pressure gauge, which as discussed earlier, is a beneficial addition to ensure the CHS is running correctly. This can be pre-installed into the isolation valve, meaning that when isolated from the flexi loop and double check valve attached to the mains, it is exposed to the system pressure in the heating circuit. With this in mind, the ALT-ST0035 has been designed to be installed in areas that both engineers and home-owners can easily access easily without the need to disturb the boiler. This means that they can read the system pressure, check for pressure drop and, if needed, top up the system easily and quickly. Supplied as 15mm compression connections, the product is also incredibly simple for the engineer to install.

For more information, contact Chris Reilly, Country Manager for Ireland, on +353 (0)85 2152 288 or e-mail [chris.reilly@altecnic.co.uk](mailto:chris.reilly@altecnic.co.uk) or Gary Swann, Northern Ireland Sales Manager on 07760 596727 or e-mail [gary.swann@altecnic.co.uk](mailto:gary.swann@altecnic.co.uk) or visit the website at [www.altecnic.co.uk](http://www.altecnic.co.uk)

**altecnic**  
CALEFFI group



## MECHANICAL CONTRACTOR

DISTRICT HEATING WITH AN A2 BER RATING AND LOW COSTS FOR END-USERS - SANTRY DESMENSE APARTMENTS DELIVERS BOTH...

Situated adjacent to the picturesque, 100-acre Santry Desmense Park, M&P Mechanical has completed the stylish, A2 rated, 251-unit Bridgefield apartment complex, developed and constructed by Cosgrave Development. Bridgefield was the first NZEB compliant building to deliver units to the Dublin City Centre social and affordable housing. With high efficiency and low end-user costs, Cosgrave's primary driving focus on the mechanical elements, district heating was the supreme choice. Cosgrave Development engaged the services of McElligott Consulting Engineers to develop

a design and set out the road map for the installation. Cosgrave Developments' continuous investment in new technologies has led to a beautifully finished apartment complex, with low running costs and a compressed plant size. Using custom-made apps for smartphones, each end-user can see the energy consumption of the apartment as it happens. This easy access interface encourages the end-user to adjust and modify the usage as needed to reduce the waste of energy. Co-ordinating with other trades in tight spaces and managing quality control was the day-

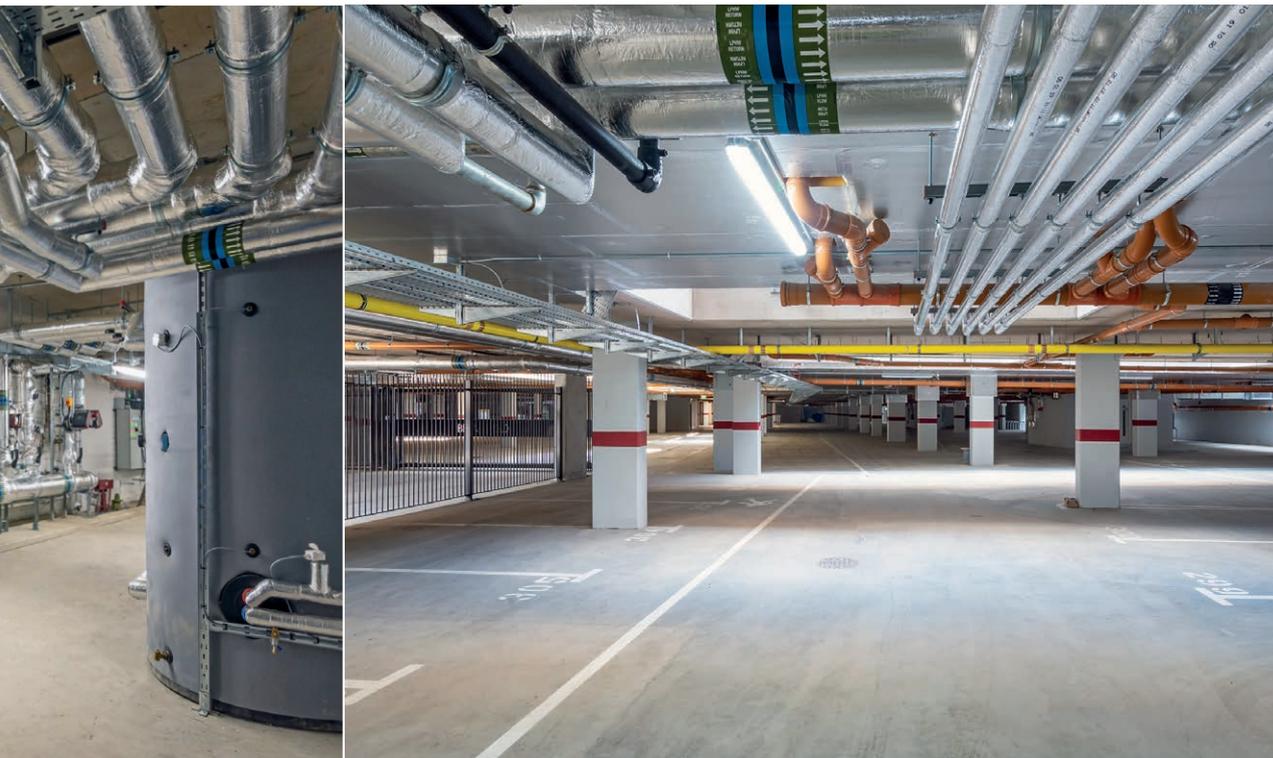
to-day business of the site management. Darren O'Neill, M&P Mechanical Project Foreman made sure the project was delivered in time and to the high standard expected by Mark O'Rourke, Managing Director of M&P Mechanical. At the heart of the high efficiency district heating system at Bridgefield Apartments are two 320kw gas-fired boilers, three gas-fired CHP units, one 2000l buffer vessel. The system circulates through a 4" mid steel heating ring mains located in the basement of the building. The 'mains' heating lines deliver the LPHW water to secondary pumps located at



**LOUTH:** Derrycammagh, Castlebellingham, Co Louth

T: +353 (0)42 937 9090

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



## BRIDGEFIELD APARTMENTS, DUBLIN

the bottom of each riser shift of which there are seven.

From the secondary pump the LPHW water is pumped into each apartment sub metering station and onwards into the apartment radiators and hot water heat exchanger. Alongside the district heating pipework is a main water distribution network. Mains water, held in a fully insulated format 30 tank, is pressurised through a booster pump and pumped to each apartment via the fusion welded plastic mains water pipework.

Each apartment was built to the highest standard of air tightness for efficiency and low running costs, with it's own standalone heat recovery unit, fully insulation heating and water services pipework. On-demand hot water generation is available, which removes the end-users need

to set time clocks for hot water around a busy life. Positive charged air supplies to spaces with external walls is promoted to reduce cold air leakages into spaces, which can generate draughts and extra heating costs. Each apartment boasts fully pressurized plumbing, concealed sanitary fixing and high efficiency radiators.

#### FIRE SUPPRESSION

There is 4" galvanised steel routed up each dry riser with a landing valve on every floor. For every riser there is a standpipe outside to ensure easy access to extinguish or prevent the spread of fire in the building.

In the basement there are ten fire hose reels on 2" galvanised ring mains at 60 metre intervals, backed up by 2000L capacity cold water storage tanks.

Anthony O'Conaill, Senior Operations Manager at M&P Mechanical, concluded, "When it comes to large apartment complexes like this, its great to see a developer using this tried and tested district heating solution. Now with two district heating award behind us, we try to bring our knowledge to all the projects we do. District Heating with low maintenance and a life cycle on the main plant over 30 years, its more than just an efficient solution, it effective"

#### Project Team...

**Client:**

Cosgrave Development

**Consultant:** McElligott Consulting Engineers

**Mechanical Contractor:** M&P Mechanical

**DUBLIN:** Suite 2, Blackglen Village Centre, Sandyford, Dublin 18  
T: +353 (0)1 518 0580, E: info@mandpi.ie  
[www.mandpi.ie](http://www.mandpi.ie)





## BOILERS

40 YEARS OF BOILER EXPERTISE FROM C&F QUADRANT ENSURES HIGH EFFICIENCY HEATING SYSTEM...

C&F Quadrant played a key role in ensuring the heating system at the new Bridgefield Apartments at Santry Desmense, Dublin could operate at the highest efficiency.

The company supplied two 470kW Buderus gas-fired condensing boilers at 80/60C flow and return to manage peak heat loads, along with Buderus Cascade boiler controllers, all fully modulated and enabled from the BMS.

C&F Quadrant is a major distributor and merchant to the heating and plumbing trade in domestic and commercial heating products. With offices and warehousing in Dublin and Belfast, they are well

placed to service the needs of the residential, commercial and industrial sectors across all of Ireland.

The reason Cosgrave Developments selected the GB402-470 Buderus boiler model and C&F Quadrant was down to reputation and experience. "The developer has used Buderus boilers before and was really happy with their performance," says C&F Quadrant Sales Engineer, Michael Hemenstall.

"It's a top quality product, which is what we are known for supplying. We've been in the industry for over 40 years and as well as supplying the best names, our back-up service is also one of the best."

Each of the floor-standing boilers has an efficiency of over 95% compared to a standard boiler's efficiency of 80%. NOx levels are below 40mg per kWh - from a pollutant perspective, the lower the better.

Controlled by the BMS, the Buderus boilers can be modulated up and down depending on the load. This model can modulate from 95kW up to 470kW. "We advised on the requirements for the boilers and supplied the necessary accessories," says Michael. "M&P Mechanical was a joy to work with. We've worked with them before and look forward to working with them in the future."



C&F Quadrant Unit L40 Cherry Orchard Industrial Estate, Dublin 10.

T: +353 (0)1 630 5757

E: [michael@cfquadrant.ie](mailto:michael@cfquadrant.ie)



## CHP UNITS

RENEWABLES EXPERT GLENERGY MAKES BRIDGEFIELD APARTMENTS' LANDLORD AREAS AND SERVICES ALMOST SELF-SUSTAINING...

**G**lenergy played a vital role in ensuring the Bridgefield Apartments development met Part L regulations by generating significant carbon and energy savings for the user.

The company supplied three SenerTec Dachs micro CHP (Combined Heat and Power) units to generate heat and electricity for the residents.

These are the biggest selling CHP units in Europe and highest selling micro CHP units in Ireland. Developed and manufactured by German company, Senertec GmbH, they are ideal for apartment blocks and other small commercial projects.

During lower heating load periods, the heat from the CHP is used to reduce running costs.

This heat is introduced to the system in a way that allows the boilers to switch off. This effective and efficient control means the system can vary or 'modulate' its heating input from 940kW to 14.5kW - varying gas consumption from 100% to just 1.5%. This reduces wasted heat, avoids burning unnecessary gas and further helps lower the levels of CO<sub>2</sub> generated by the central plant and its environmental impact over the life of the system. The electrical supply for the landlord services and central plant room power consumption is satisfied by the CHPs, making it almost self-sustaining.

The proven technology of the SenerTec Dachs miCRo CHP units is backed by the high level service delivered by Glenergy.

The company has established itself as a leading and innovative provider of Part L and NZEB solutions to the Irish market. In addition to CHP, Glenergy has a range of heat pumps and hot water heat pumps to fit most commercial and residential applications.

Glenergy's aim is to provide the best energy solution for the company's clients at the best price whilst also taking into account long-term sustainability and greater social obligations.

*"During lower heating load periods, the heat from the CHP is used to reduce running costs."*

Glenergy Limited, Unit 1D, Renmore Business Park, Kilcoole, Co. Wicklow

T: +353 (0)1 556 3100 – E: info@glenergy.ie

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





**SCARED  
ABOUT  
COLD  
SHOWERS?!**

## **Residential gas condensing water heater AGUAdens all the water you want**

Wherever there is need for hot water, AGUAdens is the ideal solution. Thanks to condensing and the high efficiency premix burner it supplies a lot of hot water always at a constant temperature and makes you save up to 30%\*!

Easy to install, with reduced dimensions and weight, AGUAdens provides unmatched comfort. Reliable, ecological, convenient: AGUAdens is the water heater that pleases everyone!

**...ALWAYS at a constant temperature!**



\* reported to 25 years old natural draft water heaters

For more information contact:

**Hevac**

- Muirfield Drive, Naas Road, Dublin 12. T: 01 419 1919 • Unit 1, Furry Park Industrial Estate, Dublin 9. T: 01 842 7037
- South Ring West Business Park, Tramore Road, Cork. T: 021 432 1066. E: info@hevac.ie - W: www.hevac.ie





MARK MOGEY,  
 HEAD OF OEM  
 SALES UK & ROI AT  
 ALTECNIC PROVIDES  
 COMMENT  
 ON PRODUCT  
 ACCREDITATION...



## Altecnic's guide to navigating product documentation

According to a recent survey on product information by the Construction Products Association (CPA) and National Building Specification (NBS), 89% of construction users read the technical literature supplied when looking for product information. However, concerningly, some reported that they do not check the quality of the information, either due to difficulty doing so or a lack of time. Construction users rely on the documentation supplied with the product they are installing and the survey has highlighted the need for information to be 'accurate, up to date, clear and transparent' as well as high quality. According to one contractor user surveyed, "We cannot check the quality of manufacturers' information, we have to trust it is accurate." In addition, whilst many surveyed (81%) believe that the product information provided by manufacturers is accurate all or most of the time, only around 50%

believe that it is complete or of a high quality. The research supports the introduction of a 'code of conduct' to ensure the accurate provision and use of manufacturer product information can be standardised and held to a high standard.

Here at Altecnic, we would be happy to support this.

When you buy one of our products, you can be assured it's an authentic and accredited product that is certified to the latest standards. Not all of our competitors can say the same. We have invested a lot of time and money to ensure that our product information is clear in detailing its intended use, as well as being easily accessible and that any relevant certifications and standards are followed with products that are tested to them. This is something we do as standard and is particularly important for products used with potable water, pressure or gas.

We also take our role seriously as a responsible manufacturer in the development of new standards, working alongside industry bodies. The most recent examples include TMV2 with NSF, EN 331:2015 (Class C) with BSI and CP1.2 and the Heat Network Code Practice consultation with CIBSE. Supplying both domestic and commercial buildings, Altecnic's industry-wide reputation for high quality manufacturing and environmental awareness is proven by its certifications ISO 9001:2015 and ISO 14001:2015 and OHSAS 18001. Trade merchants, original equipment manufacturers, plumbing and heating engineers and specifiers continue to choose Altecnic's outstanding products and services, fully supported by the experienced technical and quality departments.

*"We cannot check the quality of manufacturers' information, we have to trust it is accurate."*

For more information, contact Chris Reilly, Country Manager for Ireland, on +353 (0)85 2152 288 or e-mail [chris.reilly@altecnic.co.uk](mailto:chris.reilly@altecnic.co.uk) or Gary Swann, Northern Ireland Sales Manager on 07760 596727 or e-mail [gary.swann@altecnic.co.uk](mailto:gary.swann@altecnic.co.uk) or visit the website at [www.altecnic.co.uk](http://www.altecnic.co.uk)

**altecnic**  
CALEFFI group

# MacBlair Plumbing

Plumbing Heating Bathrooms

Find your LOCAL branch at  
**MacBlair.com**



## Branch Network

### Antrim

Springfarm Ind Estate  
Antrim BT41 4NT  
028 9448 1352

### Belfast Boucher

4 Balmoral Road  
Belfast BT12 6QA  
028 9055 1380

### Coleraine

5 Loguestown Ind Estate  
Coleraine BT52 2NS  
028 7034 4422

### Eglinton

15 Killylane Road  
L'Derry BT47 3DW  
028 7181 3976

### Bangor

70 Balloo Road  
Bangor BT19 7PG  
028 9127 8939

### Belfast Duncrue

42-44 Duncrue Crescent  
Belfast BT3 9BW  
028 9037 3650

### Cookstown

Sandholes Road  
Cookstown BT80 9AR  
028 8676 2211





A VARIED PRODUCT RANGE IS KEEPING THE TEAM AT MacBLAIR COLERAINE BUSY...

## A thriving business

**B**usiness is booming at MacBlair Coleraine. A vibrant trade counter and experienced, knowledgeable staff members are ensuring a high level of repeat business and a steady stream of trade professionals coming through the door every day.

Eamonn Murray is the Watershed/Plumbing manager at MacBlair Coleraine. "We're constantly striving to improve our offering to customers. A couple of years ago, we refreshed our Watershed showroom. It's now a fresh, bright space that's attracting new customers all the time. We also carried out a bit of remodelling to our plumbing counter, just to make sure our products stand out and customers see exactly what we have to offer." A vast range of products marks MacBlair Coleraine out from its competitors. "We carry a huge range of stock; we try to offer products that other trade counters perhaps wouldn't. We're also on a site with

a builder's merchant, which is part of the MacBlair business. That close proximity is an additional benefit to the customer." If a customer is after building materials, the team at MacBlair Coleraine can assist.

"For example, if a customer has ordered a boiler but also needs slabs, we can source them from the builder's merchants and all will go in the delivery van. We really are a one stop shop. We try to meet all the needs of the customer." Customer satisfaction is at the heart of the branch and is something all members of staff takes seriously. "We have 11 members of staff and each and every one is trained to the highest standard. That's another aspect that makes us stand out – customers keep coming

back to us because of our staff and the time they take with each customer, ensuring they leave with the right product for the job."

With three delivery vans on the road, customers can be sure of a quick

turnaround. "Even with last minute orders, we try to ensure customers get their delivery as quickly as possible. We have access to a wide range of stock and so can get orders out promptly."

The branch's impressive range of free-standing baths are proving very popular with customers at the moment. "They're really well priced and are

very good quality so they're flying out the door. Cost is another area where we're very competitive. We offer our customers quality products at the best price and that's why we have such a high level of repeat business."

*"Even with last minute orders, we try to ensure customers get their delivery as quickly as possible. We have access to a wide range of stock and so can get orders out promptly."*

Coleraine MacBlair Plumbing, 5 Loguestown Ind. Estate, Coleraine, BT52 2NS

T: +44 (0)28 7034 4422

[www.macblair.com](http://www.macblair.com)

**MacBlair Plumbing**  
Plumbing Heating Bathrooms

ERP

A Rated

LESS THAN

28mg/kWh NOx

GROSS  
EFFICIENCY

96%

TEMPERATURE  
SET POINTS

85°



#### TURBO-FAN

- Extended flue runs

#### SWITCHING VENTURI

- Provides consistent mixture of air and gas to the burner for market leading turn down ratios

#### NEW ZERO GOVERNOR GAS VALVE

- Optimises combustion performance by consistently delivering gas and air mixture

#### NEW PRIMARY STAINLESS STEEL HEAT EXCHANGER

- Extended warranty (minimum 5 years)
- Longer life

Dairy Water Heating Solutions - **NEW Rinnai Sensei**



CONTACT: HAMILTON GAS PRODUCTS LTD  
2 Balloo Place - Balloo Industrial Estate - Bangor.  
T: +44 (0)28 9146 1111 - E: sales@gasproducts.co.uk

[www.gasproducts.co.uk](http://www.gasproducts.co.uk)

# Rinnai

[sales@rinnaiuk.com](mailto:sales@rinnaiuk.com)

01928 531870

DISTRIBUTOR - **HAMILTON GAS PRODUCTS**

DELIVERING MORE THAN 950 LITRES PER HOUR, THIS NEW GENERATION OF CONTINUOUS FLOW HOT WATER SYSTEMS IS AN INDUSTRY GAME CHANGER...

## Sensei N masters hot water flow

Rinnai's newly launched Sensei N Series water heater range will make installation easier, enhance performance and increase levels of serviceability in the continuous flow hot water market, thanks to its more compact and improved combustion design.

It's the first-ever continuous flow hot water heating unit manufactured with stainless steel heat exchangers to be available in the UK and Ireland. This gives a greatly extended working life at optimum performance to each of the four models in the range. Added to this are the Sensei N Series market-leading extended warranties.

The four models are: the N1600i giving 954 litres per hour; the N1600e (external) also giving 954 litres per hour (at 50C); the N1300i giving 775 litres per hour; and the N1300e also giving 775 litres per hour of temperature controlled at 50C. The two 1600s have load profiles of XXL and are water efficiency class A rated, while the 1300s are load profile XL and are also water efficiency class A rated.

All components in the range are designed and manufactured by Rinnai, and this ensures maximum quality and reliability from the industry leader



in commercial continuous flow water heating products and systems. Rinnai manufactures over 2 million hot water heating units each year, offering cost savings for installers and end-users. The N Series models are probably the most competitively priced type of their kind currently available to the UK and Irish sector, and they can be purchased from Hamilton Gas Products in Bangor, County Down, Rinnai's all-Ireland distributor. All models in the range are low-NOx and benefit from Rinnai's patented advanced burner technology with a 13-1 turn down ratio – the largest on the market – with extremely quiet operation. Integral controls on the units enable the water heater to achieve high efficiencies because of advanced burner control and high modulation ranges.

In reducing Legionella proliferation, Rinnai has developed additional 'SMART' controls for secondary return DHW systems in the form of an advanced temperature control system, which allows for safe running of water at 42C core temperature during the day and 60C overnight.

The Sensei N Series range has been third-party tested at 28 mg/Kwh, making them some of the greenest water heating appliances available. As the units do not incorporate storage, their 'green credentials' are further recognised by BREEAM and score additional credits under the building regulations.

Rinnai's continuous flow heater systems are proving to be more energy



efficient than conventional storage systems and are increasingly the experts' preferred method of hot water provision. Rinnai units easily cater for any size of projects that need high volumes of water at intermittent times of day.

**HAMILTON**  
GAS PRODUCTS LTD

T: +44 (0)28 9146 1111

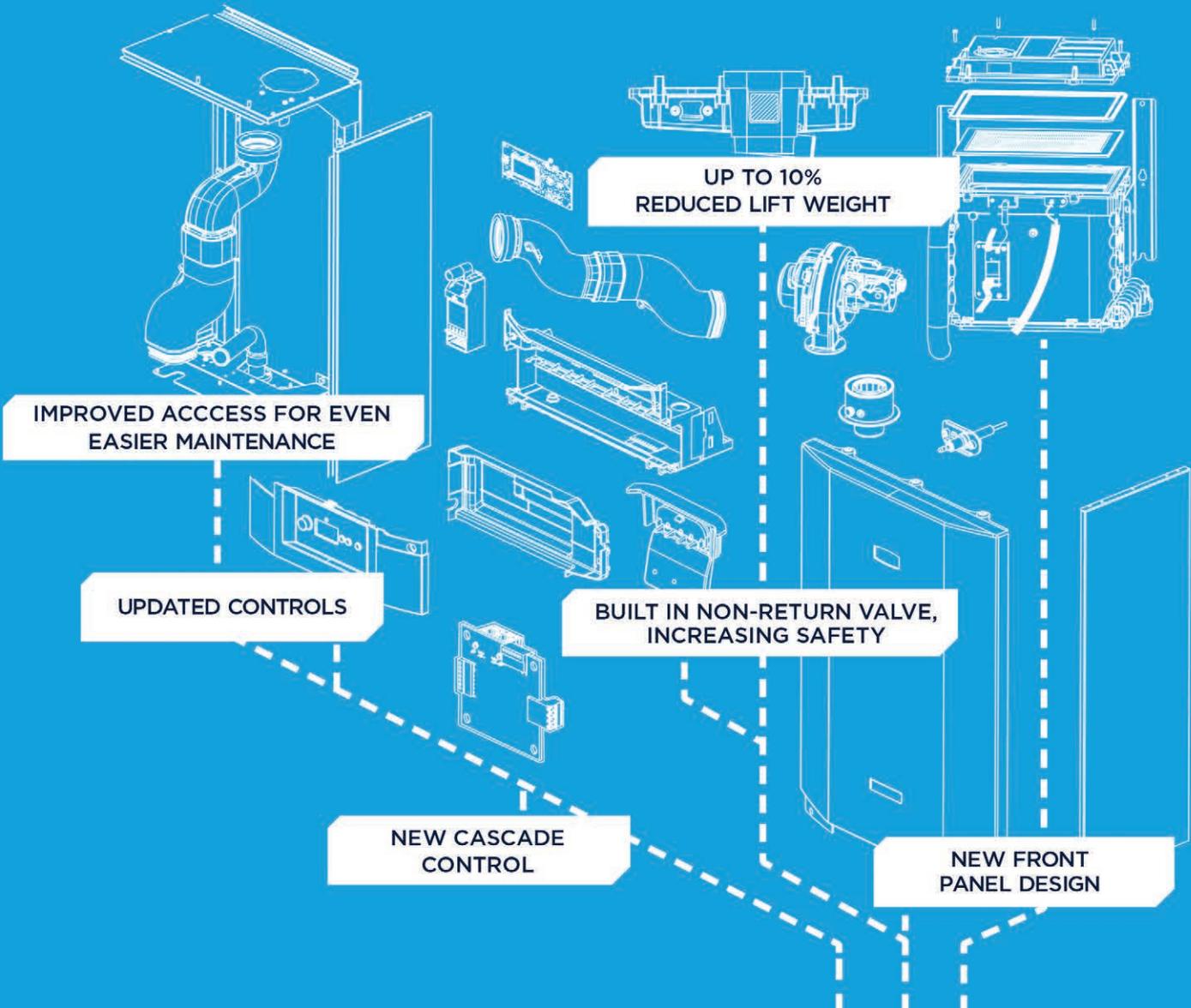
E: [sales@gasproducts.co.uk](mailto:sales@gasproducts.co.uk)

[www.gasproducts.co.uk](http://www.gasproducts.co.uk)

[www.rinnaiuk.com](http://www.rinnaiuk.com)

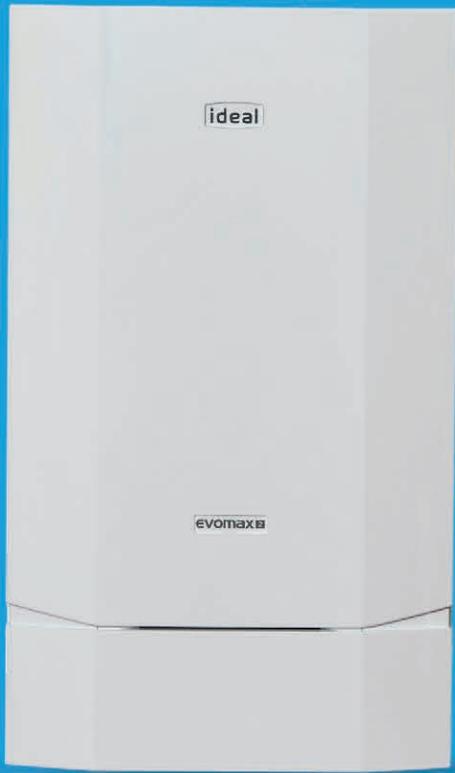
### Other features...

- Flue up to 30+ metres for concentric
- Turbo fan
- Built-in controller as standard (internal and external models)
- Cascade cable assembly allows up to 24 water heaters to function as one complete system
- Built-in flue damper
- Air inlet filter
- Frost protection – minus 15C (internal versions), minus 20C (external versions)
- New PCB design
- Controller as standard – lockable, set up of appliance, temperature set up to 75C
- Maintenance monitor for engineers.



**ideal**  
COMMERCIAL

**EVOMAX 2**  
**THE BEST JUST  
GOT BETTER**



**EVOMAX2.CO.UK**

@idealcommercial 
 Ideal Boilers 
 @idealcommercialboilers



MANUFACTURER – **IDEAL COMMERCIAL**

IDEAL COMMERCIAL BOILERS HAS SUPPLIED EVOMOD MODULAR CONDENSING BOILERS FOR INSTALLATION IN A WORLD FIRST IN MULTI-FAITH EDUCATION...

## Ideal Commercial heats world's first joint faith school

The joint faith campus in Newton Mearns, Glasgow replaced an existing Jewish school and provides additional primary school provision for the local Catholic community. The building boasts a shared amphitheatre and outdoor obstacle trails, as well as sports pitches, first-class ICT facilities, modern teaching spaces, an impressive library and state-of-the-art science laboratories. Forming an integral part of the £18.2million Glasgow school project, Ideal Commercial was selected to provide a high output boiler solution capable of delivering 1.5MW in an unusually small footprint. An exacting project that the Ideal Commercial team was fully qualified to perform and a project (or something similar) they could replicate in Northern Ireland. Boasting stainless steel heat exchangers, two 3-module Evomod boilers - each providing an output of 750kW - were installed using a combined flue header for all three

modules of each boiler, complete with flow return pipework for quick installation.

The installation was carried out by Marmac Services Ltd. Christopher McCall, their Operations Director, takes up the story: "Working closely with the main contractor, we were able to install the Evomod system quickly and efficiently, with no delays caused to other on-site trades. Being of modular design, the boiler was easier to install in the tight spaces available during the later stages of the project."

Ideal Commercial only supplies their boilers through distribution, which had added benefits for Marmac. "Like all Ideal Commercial boiler systems, costing the specified products was straightforward, with the merchant able to assist in the specification process. I have worked with Ideal Commercial in the past and had nothing but positive results."

The school is already reaping the benefits of its Evomax boilers. "Marmac Services has taken on one of the maintenance contracts within the school and we

have been updated continually on the boilers' energy efficiency. We have had only positive results", explains Christopher.

Ideal Commercial Boilers' Country Manager for Scotland and Northern Ireland, Charlie Newell, comments on the success of the project: "This project is one we're extremely proud to be part of. Given the heating requirements of the building and the limited square footage of the plant room, Evomod was the perfect specification choice for this building design."

Ideal Commercial Boilers is one of the UK's market leaders of high efficiency commercial heating solutions.

**ideal**

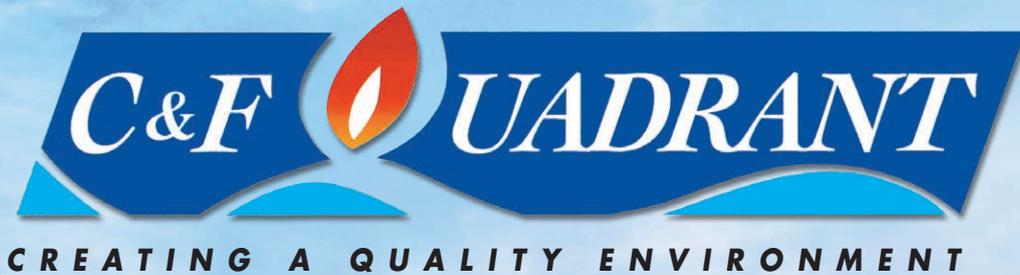
COMMERCIAL

**T: Watson Consultancy Services**  
**+44 (0)77122 66651**

**or Ideal Commercial on**  
**+44 (0)84 4543 6060**

**E: gavin@watsoncs.co.uk**

**www.idealcommercialboilers.com**



# COMMERCIAL HEATING SUPPLIES & EQUIPMENT

SUPPLY • COMMISSION • SERVICING



## Technical Support Team

C&F Quadrant supply a full support and service package from offering the correct heating system to ensure the system continues to run at optimum efficiency.

### FOR ENQUIRES:

(NI) C&F Quadrant, Unit 15 Abbey Business Park,  
Mill Road, Newtownabbey, County Antrim, BT36 7BA  
T: +44 (0)28 9036 5555 - F: +44 (0)28 9036 5565  
E: Michaelc@cfquadrant.com



DISTRIBUTOR - **C&F QUADRANT**

CONDENSING BOILERS ARE PRETTY MUCH STANDARD THESE DAYS, HOWEVER THE UNICAL XC-K OFFERS SOMETHING SPECIAL AND HAS BEEN EXCLUSIVELY CHAMPIONED BY C&F QUADRANT...

## Italian boiler thrives in Ireland with C&F Quadrant

With such a respected reputation throughout Ireland, C&F Quadrant has to be choosy with its suppliers. Thankfully, the popularity of the Unical XC-K oil condensing boiler continues to intensify across all of Ireland. C&F Quadrant has had an exclusive distribution agreement with Unical for over a year now, to distribute the leading Italian manufacturer's range of commercial boilers across Ireland, and the two companies have flourished with the mutually beneficial deal. Technical Services Manager at C&F Quadrant, Michael Clarke commented, "Unical is a tried and trusted name and we are delighted to see the number of installations of the XC-K oil condensing boiler continue to grow. Recent projects include, nursing homes, chapels and surgery's." As a large water content, stainless steel, condensing boiler, Unical XC-K is available in 12 different models (from 85 to 1470kw) and is an



excellent choice when, for installation reasons, it is necessary to use a large water content condensing boiler. The metals used for the boiler are of the finest quality, with the outer shell manufactured using high-resistance carbon steel. The tube bundle is self-cleaning, thanks to the natural washout that the condensate produces for gravity. In the era of rising environmental tension, it is essential to consider how environmentally conscious a company is and if this is echoed by the products they produce. Unical assert its, "eco-awareness, environmental friendliness" as part of the company vision statement and we can see this reflected in the XC-K boiler. The product offers very high saving and seasonal efficiency, thanks to the adoption of fan-assisted modulating burners and to the hydraulic connection, prearranged for two return connections, high or low temperature.

The special patented stainless-steel smoke pipes, with three inside sectors of aluminium fins, increase the heat exchange from the smokes towards the water. (Stainless Steel smoke pipe INOX AISI 316 L (D. 57 mm) with special multiradial insert AISI 304 and Turbolator INOX AISI 304)

**T: +44 (0)28 9036 5555**

**E: [michaelc@cfquadrant.com](mailto:michaelc@cfquadrant.com)**

### Benefits of XC-K

- Simplified installation
- Wide range of regulation accessories
- Thermal insulation to minimise heat loss
- Manufactured to the highest quality
- Economic and efficient, up to 109%
- Twelve models to choose from
- Pressurised for oil and gas

SUPPLIER - **BAXI POTTERTON MYSON**

Six fully modulating natural gas Potterton Commercial Eurocondense Five 300kW boilers have been installed at Mount Argus.



Mount Argus Apartments, Dublin.

RESIDENTS OF A PRIME SOUTH DUBLIN CITY DEVELOPMENT WILL BE FEELING THE HEAT THIS WINTER THANKS TO A POTTERTON COMMERCIAL COMMUNAL HEATING INSTALLATION...

## Exclusive apartments feel the warmth with Potterton Commercial

**M**ount Argus, a Marlet Property Group development, is an exclusive development in the prime Harold's Cross location, comprising 179 apartments in eight residential blocks of three to five storeys.

JCPS Mechanical carried out the complete mechanical installation of this project, including the complete installation, testing and commissioning of space heating systems to serve all apartments. The company has a strong reputation for installing technologically advanced and energy-efficient heating, air conditioning, plumbing and piping systems.

Baxi Potterton Myson, along with Unitherm HS Ireland, the nominated supplier of Potterton Commercial boilers to the site, worked closely with JCPS throughout, providing technical and commissioning support.

The central heating plant for the Mount Argus communal heating system was installed in the basement energy centre, with individual heat interface units (HIU) and integral energy meters provided for each apartment.

Six fully modulating natural gas Potterton Commercial Eurocondense

Five 300kW boilers were installed in a cascade, complete with stainless steel flues; gas-fired combined heat and power units complete with flues; low loss header; chemical dosing pot, air/dirt separator; pressurisation and expansion equipment; and circulating pumps. Circulating heating pump-sets operate as duty/standby to facilitate maintenance works and system resilience, and are variable volume and constant temperature.

The primary side consists of insulated low pressure hot water (LPHW) pipe-work throughout the basement from the energy centre up through the risers and into the apartments and connects to the HIUs. The secondary heating system comprises wall-mounted radiators and towel rails, each radiator with a thermostatic valve arrangement.

To comply with Part L, all apartments greater than 100m<sup>2</sup> have two heating zones: a bedroom heating zone and a living area heating zone.

Commissioning valves complete with binder test points have been installed to enable balancing of the system. Automatic air vents (AAVs) are installed at all high points. Drain cocks are provided at low points in the system.

Manufactured to the latest ISO standards,

the Eurocondense Five uses tried-and-tested technology to provide efficient heating for buildings of all sizes. A range of controls is available, for easy integration with new or existing heating systems. It is available in outputs of 125, 170, 215, 260 and 300 kW, has compact dimensions and a small footprint, requiring less space for installation. Top hydraulic and flue connections make it easier to connect and less space is needed for working access, particularly useful when installing in confined spaces.

Its lightweight aluminium heat exchanger provides reliable, highly efficient heat transfer. The built-in, user-friendly control panel includes operation status, weather compensation, timer for heating and DHW, fault diagnostics and, where relevant, cascade operation. It can be connected to Building Management Systems and programmed to work with solar thermal, biomass and buffer tanks.

**BAXI**  
Potterton Myson

Tel: +353 (0)1459 0870

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

# Discover a boiler with optimal performance

**De Dietrich**   
*Sustainable Comfort*®



## De Dietrich MPX Gas Condensing Boiler

De Dietrich range of domestic boilers includes the MPX 24 Compact System boiler for heating only and the MPX 28/33 BIC for heating and hot water production with integrated calorifier. It also includes the MPX Combi boilers: MPX 20/24MI Compact, 24/28 MI Compact and the 28/33 MI Compact boilers for heating and instantaneous domestic hot water production.

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

Tel: 353 1 419 19 19 | Email: [info@hevac.ie](mailto:info@hevac.ie)

Address: Muirfield Drive, Naas Road, Dublin 12  
Unit L, Furry Park Industrial Estate, Santry, Dublin 9  
South Ring West Business Park, Tramore Road, Cork

**45**  
ANNIVERSARY  
1974-2019

 **Hevac**

# MORE THAN JUST OIL

**OFTEC, well known for its commitment to oil, also offers registration for solid fuel and renewable heating technicians.**

OFTEC's competent person registration for heating technicians covers oil, solid fuel and renewables such as heat pumps, biomass and solar thermal. Join today, or extend your existing registration, and enjoy a range of useful business benefits.



Contact our registration team today:

T: 01 864 5771 (RoI) T: 01473 626 298 (UK) E: [registration@oftec.org](mailto:registration@oftec.org)

For full details and to register online visit:

[www.joinoftec.com](http://www.joinoftec.com)

## Benefits of joining OFTEC

- Free technical advice
- Online search listing
- Show your competence
- OFTEC Direct discounts
- Detailed control documentation



**Ireland**

Promoting *Excellence* in Heating

# Update:

PLUMBING & HEATING MAGAZINE PROVIDES AN INSIGHT INTO OFTEC IRELAND AND THE PROMOTION OF THE LIQUID FUEL INDUSTRY IN IRELAND...



Feedback from all the participants was very positive and the staff in attendance also enjoyed and benefited from the presentations.

## Reduce your bills with Big Energy Saving Week

Big Energy Saving Week (January 21-27), organised by Citizens Advice in association with OFTEC, aims to encourage homeowners to reduce their bills by being more energy efficient.

The campaign seeks to empower homeowners to save energy, money and the environment through everyday actions. Steps such as bleeding your radiators, upgrading your thermostat and annually servicing your boiler can all result in energy and money savings. David Blevings said: "OFTEC wants to play its part in helping the Government meet its net zero carbon emissions targets but we want to do that in a practical way which does not disadvantage low income families or those who live in older rural homes which are often less energy efficient. We believe liquid biofuels present the best option as a low cost and high impact carbon reducing alternative to fossil fuels." For more information visit [www.citizensadvice.org.uk](http://www.citizensadvice.org.uk) and search Campaigns.

## OFTEC speaks to the next generation of oil installers

OFTEC regularly presents to students and apprentices in training centres and colleges. The company presented to a group of plumbing apprentices in the Northern Regional College during December. Peter Lynch, from the college, said, "Local support by industry bodies like OFTEC for the further education sector is invaluable, in not only enhancing our apprentices training but also in helping colleges provide up to

date and current legislative resources and training." David Blevings, OFTEC Ireland Manager, said, "It is important that plumbing apprentices get a holistic view of the trade and we welcome the opportunity to inform them about the benefits of doing a job correctly and within building control requirements as this removes a lot of problems for consumers and the trade further down the line."

## NI Energy Policy

The Department of Economy has launched a consultation on the future of energy policy in Northern Ireland. The consultation is seeking views from consumers and industry groups on developing a new Energy Strategy to replace the existing Strategic Energy Framework.

The focus is, unsurprisingly, how to

reshape the existing heat, power and transport markets, with a move to more renewable sources. OFTEC has already met with the new head of energy in the Department, Richard Rodgers and outlined its plans for the introduction of a sustainable low carbon bio-fuel. David Blevings said, "OFTEC believes that reducing the carbon content of

fuel and utilising existing equipment is a straightforward and minimal cost option for consumers. We will have demonstrator sites running biofuel blends up and running in January 2020, in both NI and ROI, to show the simple changeover process to policy makers and reinforce the carbon savings that can be achieved."

David Blevings, OFTEC Ireland Manager on T: +44 (0)28 9186 2916

Sean McBride, Ireland Representative on T: 07540 502 304 (NI) or 087 241 7041 (RoI)

[www.oftec.org](http://www.oftec.org)



Proudly introducing the new Sprint Pro FGA range

# ANTON

**Sprint  
Mobile**

Download on the  
App Store

GET IT ON  
Google Play



High  
resolution  
colour  
screen

Water stop  
technology  
and  
washable  
particle  
filters



Modern  
USB-C  
charging  
for FGA  
& printer



New  
positive  
click in  
flue probe  
connector



Extremely  
robust,  
ergonomic  
and intuitive  
design



**NO<sub>x</sub>**  
NO/NO<sub>x</sub>  
measurement  
with Pro5 or  
Pro6 models

Optional  
direct CO<sub>2</sub>  
measurement  
for COMCAT &  
CMDDA1

**CO<sub>2</sub>**

Improved  
drop in  
bag design



**Book your personal demonstration**



+44 (0) 870 428 0075

www.anton-group.com

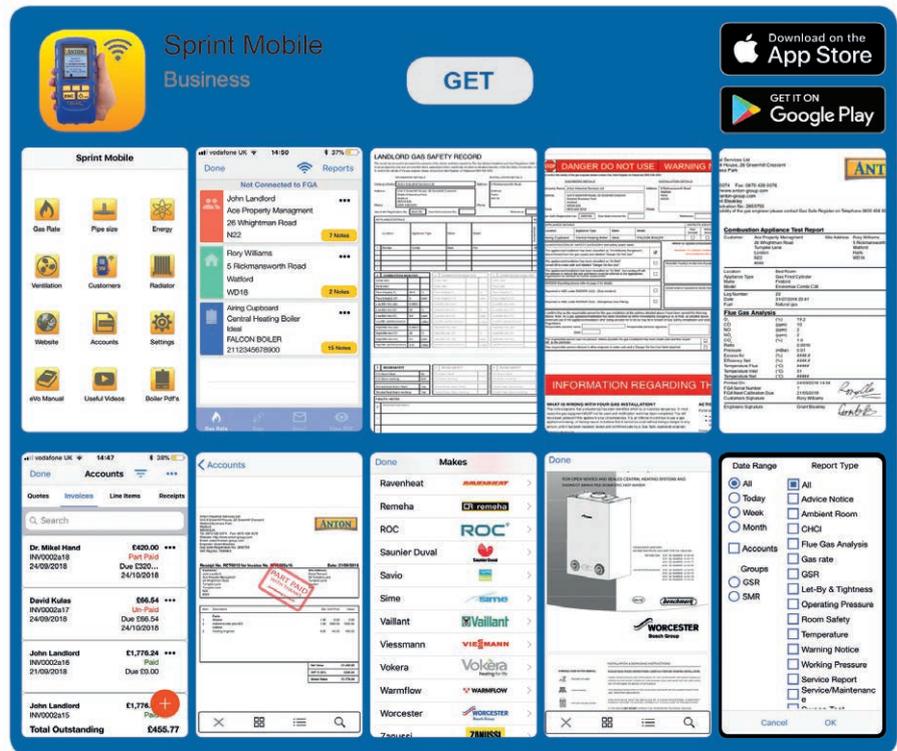
ANTON'S BLUETOOTH TECHNOLOGY SPEEDS UP FGA REPORTING AND ELIMINATES ACCIDENTAL ERRORS...

# The future of flue gas analysers

There's an app for almost every aspect of our personal and working lives these days - even Flue Gas Analysers (FGAs) aren't immune from this.

To make the most of the time and cost saving aspects offered by applications, your analyser needs to be Bluetooth enabled. Essentially, this means you can send report data from the analyser directly to a phone or tablet wirelessly rather than printing out the report using the FGA printer.

Anton's Bluetooth-enabled analyser, the Pro3, is now their best-selling model. Even engineers who aren't ready to stop buying pads yet are still opting for the Bluetooth-equipped Pro3 model knowing that in time they'll start taking advantage of the Bluetooth benefits.



## BENEFITS INCLUDE:

- **Saved time** – Send report data at the touch of a button into a Landlord Gas Safety Report (LGSR). You can email reports immediately too, further cutting down on admin time.
- **Total accuracy** – No errors in transposing the data from the screen of the FGA to your LGSR or other reports.
- **Traceability** – Every report can be traced back to the serial number of the FGA that created the data, to the date and time the test was completed and the calibration due date of the instrument. Some apps will even tag the GPS coordinates of where the device was when the report was created.
- **Save money** – Once you go paperless, you don't need to buy pads, not to mention the time saved by not having to fill in the pads and send duplicate copies to landlords etc.
- **Create a more professional image to your customers** – Once a customer receives an electronic gas report by email, they generally don't want to receive the paper version they can't always read and now have to file.

There are apps out there to suit all business sizes. The free to download and use (on iOS and Android) Sprint Mobile app from Anton is ideally

suited to sole traders and smaller companies. Subscription-based apps offer a complete solution for larger organisations who want to send jobs to field-based engineers as well as receive all the data and reports back electronically to one database.

Looking to the future, the Pro range's modular facility means you can buy the analyser you need today, then upgrade without the need to buy a completely new instrument. This is great news for those wanting to add direct CO2 ambient monitoring when they've got the qualifications that require this. Also, if NO and NOx measurements in the flue gas settings become a regulatory requirement in the future, your Pro2, Pro3 or Pro4 can be upgraded to measure NOx with the addition of an NO sensor at a later date.

T: +44 (0)1923 274 730

E: [sales@anton-group.com](mailto:sales@anton-group.com)

[www.anton-group.com](http://www.anton-group.com)



*"The Pro range's modular facility means you can buy the analyser you need today, then upgrade without the need to buy a completely new instrument."*



14L Kilroot Business Park, Larne Road, Carrickfergus, BT38 7PR  
 T: +44 (0)28 9336 6560 - E: sales@kelsoagencies.com  
[www.kelsoagencies.com](http://www.kelsoagencies.com)

**ABACUS BATHROOMS:**

- Elements Wet Floor Systems
- 10mm Wet Room Glass Panels
- Sanitary Ware & Furniture
- Taps & Showers
- Towel Warmers & Radiators
- Mirrors & Cabinets
- Lustrolite High Gloss Glass Effect Wall Panelling
- Grundfos Shower Pumps

**AQUASEAL:**

- Waterproof Tanking Kits

**CENTRE TANK SERVICES:**

- Oil Line Equipment

**COSYTOES:**

- Electric Underfloor Heating Systems

**EUROSHOWERS:**

- Soft Close Toilet Seats
- Shower Accessories

**DAVANT:**

- Hot Water Cylinder Jackets
- Cold Water Tank Lagging Sets

**i.CARE DOC-M PACKS:**

- Low Level and Close Coupled DOC-M Packs

**LECICO BATHROOMS:**

- Atlas Commercial Sanitary Ware
- Designer Series Sanitary Ware and Furniture

**LITHE AUDIO:**

- Bathroom Bluetooth Music Systems

**MCALPINE & CO LTD:**

- Plastic Traps
- WC Connectors
- Tiled and Vinyl Floor Gullies
- Waste Pipe Fittings
- Linear Channel Drains

**MARFLOW:**

- St James Collection - Traditional Brassware
- Assisi Collection - Contemporary Italian Brassware
- NOW Collection - Taps, Showers & Accessories
- PL4 & PL8 Shower Fixings

**PROOFVISION:**

- Waterproof Bathroom TVs

**SANKEL:**

- Central Heating Chemical Treatments

**SEALUX:**

- Aquastrap - Flexible Upstand Seals For Shower Trays and Baths
- Sealux PVC Seals
- Sealux-N - Neutral Curing Silicone

**VIVA SANITARY:**

- WC Connectors, Traps and Accessories

**WATERWORLD:**

- Stainless Steel Linear Channel Drains and Floor Gullies

**WIRQUIN:**

- Macdee Flushing Products
- Celmac Toilet Seats
- Initio WC Frames

**BATHROOM • PLUMBING • HEATING • DISTRIBUTORS**



**HAMILTON GAS PRODUCTS LTD**

**SPECIALISTS IN THE REPAIR AND CALIBRATION OF TEST AND MEASUREMENT EQUIPMENT**

FAST EFFICIENT AND PROFESSIONAL SERVICE. FULLY TRAINED ENGINEERS AND SERVICE CENTRE IS EQUIPPED WITH THE LATEST CALIBRATION INSTRUMENTATION.

**HAMILTON GAS PRODUCTS LTD**

2 Balloo Place - Balloo Industrial Estate - Bangor.  
 T: 028 9146 1111 - E: sales@gasproducts.co.uk

[www.gasproducts.co.uk](http://www.gasproducts.co.uk)

AUTHORISED DISTRIBUTOR AND CALIBRATION CENTRE FOR





ST MARY'S CHURCH, LAVEY

## HEATING SYSTEM AND DOMESTIC SERVICES

MCCORLEY MECHANICAL & ELECTRICAL INSTALLS ENERGY-EFFICIENT HEATING SYSTEM AS PART OF RENOVATIONS AT ST MARY'S CHURCH, LAVEY...

The interior of St Mary's Church in Lavey is an impressive space, with optimal use of natural light bringing out the best in the sandstone and criss-crossing wood beams. Even the neutral colour scheme helps emphasise the grand scale of the recent refurbishment and renovation project. Bestowed with a cathedral-like quality, it does beg the question... just how do you keep it warm? The answer was provided by McCorley Mechanical & Electrical, the Toomebridge-based company sub-contracted to ensure that whatever the weather outside, inside St Mary's the heat is always on. "The first part of the job involved disconnecting and removing

the existing heating system," explained John McCorley. "It was located in a basement that could be accessed externally, and meant we initially didn't have to go through the church. Once we had got rid of the old, it was time to install the new system agreed with the architect from Mullarkey Pedersen and the church committee." Well, they do say two is better than one. "We put in place a new pressurized LTHW (Low Temperature Hot Water) system, with two boilers employed because of the size of the building. In addition to this being an energy-efficient system, it also dramatically reduces carbon emissions. The boilers are connected in parallel and can be operated separately or in tandem.

### Project Team...

**Client:**

St Mary's Church, Lavey

**Main Contractor:** Woodvale Construction Company

**Architect:** Mullarkey Pedersen Architects

**Project Manager:**

Paul Devine

**Mechanical Contractor:**

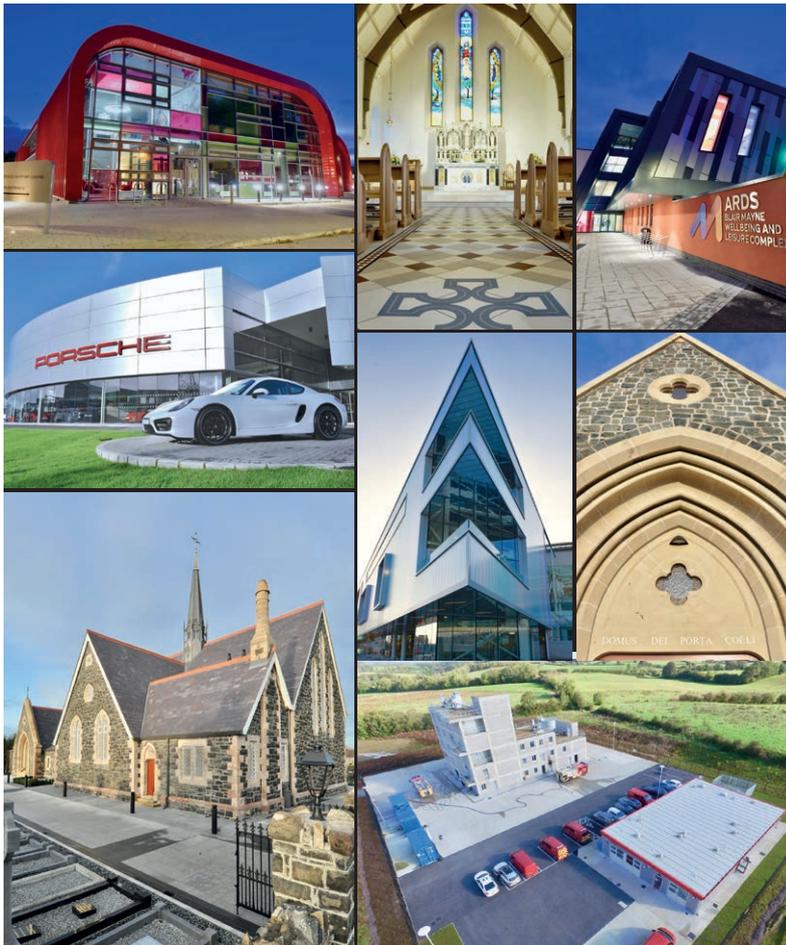
McCorley Mechanical

It means you can be carrying out maintenance on one while the other is providing heat to the building. We also installed an underground LPG tank at the rear of the church grounds." Condensing boilers also make the most of the heat they

**MCCORLEY**  
Mechanical & Electrical

*"We put in place a new pressurized LTHW, with two boilers employed because of the size of the building."*





# Gordon McAvoy

## PHOTOGRAPHY



- Commercial Photography
- Competitive Prices
- Aerial Photography Available

m: 078411 93866

e: gordon@kmp ltd.co.uk



MECHANICAL  
AND SANITARYWARE  
SOLUTIONS

Supplier of BOSCH GB162 Boiler  
to St. Mary's Church, Lavey

BEGGS & PARTNERS COMMERCIAL  
Great Patrick Street, Belfast.  
Contact James Forsythe  
T: +44 (0)28 9072 5275  
E: jforsythe@beggsandpartners.com

[www.beggsandpartners.com](http://www.beggsandpartners.com)





CONTINUED FROM PAGE 49

generate, unlike older systems that can waste between 30% and 50% of heat due to gases escaping into the flue. The new condensed systems re-cycle those gases. St Mary's Church now has an unvented domestic services system, with improved performance and a tank that stores hot water for use through taps and showers. Although there has been a complete overhaul of the heating system, the vast majority of the work is unseen. Due to the discreet positioning on the architect's plans, it's actually hard to believe that there are now 22 new radiators in St Mary's. Routing pipes to this network of radiators and the underfloor heating that was first installed back in 1960 was tricky. "With the floor only being 75mm, one of the biggest challenges was to get the pipes through without puncturing the membrane."

First opened by Fr. Francis Kelly back in 1873, this historic Gothic revival church has been given a new lease of life. McCorley Mechanical & Electrical was delighted to be involved in a project that is set to benefit the local community for generations to come.

"It's rewarding when you work

on restoring old buildings like this that are so important to the community," John added. "This was also the first time McCorley Mechanical & Electrical has worked alongside the main contractor Woodvale Construction Ltd. Paul Devine (Project Manager) and Dessie Brennan (Site Manager) were great to work with and they must be delighted with the end result of the project." For McCorley Mechanical & Electrical it's onwards and upwards. A full order book for 2020 is evidence of this award-winning company's reputation for high quality work. First established by John's father Pat in 1980, the natural connection between the mechanical and electrical areas of the business has led to further growth. "I think perhaps that some people viewed us as a company that only dealt with the maintenance side of electrics. That's not the case. We can fulfil the full range of electrical requirements for any project and are currently involved in a major works with full responsibility for both mechanical and electrical." Such is the growth of the electrical side of the McCorley business that they have just appointed a new Electrical Contracts Manager.

## Charity Rampage

MCCORLEY MECHANICAL & ELECTRICAL GOES ON THE 'RAMPAGE' FOR CHARITY...



John McCorley, Director of McCorley Mechanical & Electrical Ltd, hands over a cheque for £4000 to Donna Lynch, Regional Manager for the Down's Syndrome Association (NI). Also pictured is Stephen O'Loughlin, newly appointed Electrical Contracts Manager.

For the past four years McCorley Mechanical & Electrical has committed to fundraising for a chosen charity. This year's recipient is the Down's Syndrome Association. In April of this year some 15 McCorley employees took part in the annual Rampage assault course run at The Jungle outdoor activity centre in Money more. Their energy-sapping, mud-splattered efforts, and an additional contribution by the company, have resulted in a cheque for £4000 being handed over to the D.S.A's local branch.

McCorley Mechanical & Electrical, 53 Carlane Road,  
Toomebridge, Antrim BT41 3PA, T: +44 (0)28 7965 0823

E: [john@mccorley.me](mailto:john@mccorley.me)

**MCCORLEY**  
Mechanical & Electrical

THE NEW COMPACT EVOSTA 3 SMART CIRCULATING PUMP FROM DAB PUMPS HAS BEEN SPECIFICALLY DESIGNED TO REPLACE ANY EXISTING PUMP, WITH AN INTERCHANGEABLE POWER CONNECTOR AMONGST MANY OTHER FANTASTIC FEATURES...

# DAB launches revolutionary new circulating pump

The energy-efficient Evosta 3 boasts a brand-new user interface, featuring an illuminated display and sequential button that can be operated quickly and easily. This makes it simpler to set and adjust the pump, regardless of the application or operating conditions. The Evosta 3 also utilises IPX5 Water Protection – preventing any moisture from infiltrating the pump’s electronic or mechanical components, minimising the risk of faults. This is backed up by an AISI 304 stainless steel motor casing, which further preserves the durability and longevity of the pump, whether it is

used in heating or cooling applications. The new Evosta 3 also features a plug that allows any trapped air to be vented from a system, as well as provide direct access to the shaft in the event of seizure. An inverter is also present, which has been designed to absorb the exact amount of energy required, resulting in significant savings on bills. In fact, Evosta 3 smart circulating pumps offer outstanding energy performance, with a smart inverter bringing the Energy Efficiency Index (EEI) to an impressively low  $\leq 0.19$ . All Evosta 3 pumps have an operating range of 0.4-4.2 m<sup>3</sup>/h with a maximum



The Evosta 3 is DAB's smallest, smartest, most efficient circulating pump ever.

head of up to 8m, with a pumped liquid temperature range from -10°C to +110°C. With a working pressure of 10 bar (1,000kPa), Evosta 3 pumps are supplied with a 5-year warranty as standard.

T: +44 (0)333 777 5010  
 E: salesuk@dwtgroup.com  
[www.dabevosta.co.uk](http://www.dabevosta.co.uk)

Utilising the latest smart technology, the NEW EVOSTA 3 is uniting an army of installers across the pump replacement market.

- 5-year warranty
- Quick coupling mains plug
- Airvent plug
- Our lowest energy usage
- Simple user interface
- IPX5 Water Protection

**The power is in YOUR hands...**



**EVOSTA 3**

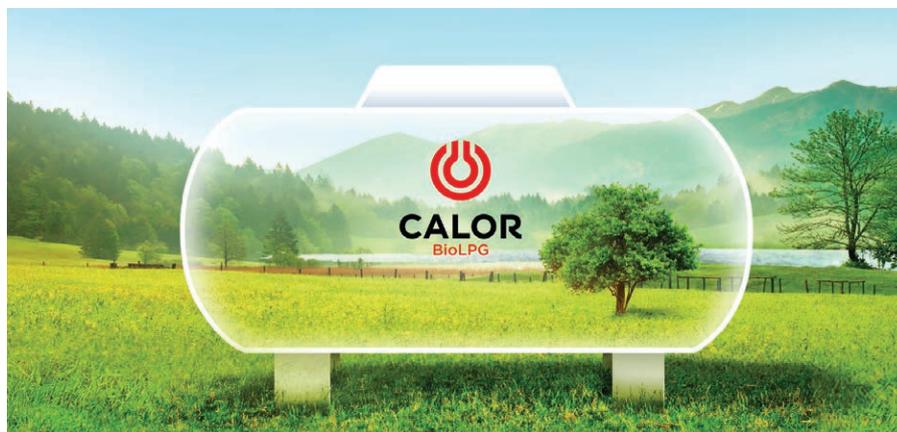


[www.dabpumps.co.uk](http://www.dabpumps.co.uk)

WITH INCREASED FOCUS ON LIVING MORE SUSTAINABLY, SHOW YOUR CUSTOMERS HOW TO ACHIEVE THEIR GREEN ENERGY 2020 RESOLUTION BY SWITCHING TO CALOR BIOLPG...

## Energise a Clean New Year with Calor

The New Year is traditionally a time for self-improvement – taking steps to make a difference in our lives and maybe in the world around us. Research suggests that about half of us make resolutions and are tuned in to this being a time of year for improvement. As the issue of sustainability continues to grow momentum, customers may be particularly keen to learn how they can make a green New Year’s resolution. One of the most effective lifestyle changes that home-owners can make is in their energy use. Switching their heating system from oil or solid fuel to Calor BioLPG, a certified renewable energy source, delivers significant savings in terms of carbon emissions. While one person can’t change the world, they can play their part.



Unlike many other resolutions which are hard to keep, switching to a cleaner energy is straightforward. Calor Energy Advisors will work with you and your customers to simplify the transition to BioLPG. And this month, Calor makes it even easier for your customers to switch by offering a free boiler from a

range of leading manufacturers. So, if your customers are starting to ask about sustainability, tell them 2020 is the year they can make a difference by moving to Calor BioLPG.  
**T: NI 028 9045 5588**  
**Rol 1850 812 450**  
**www.calorgas.ie**

### Turn to Calor BioLPG.

**A greener choice for your customers.**

Only from Calor, BioLPG is a 100% renewable energy which turns homes greener, reducing your customers’ carbon footprint by at least 50%. It works exactly like regular LPG. So switching or installing it is easy. And, even better, when your customers make the switch, they get a free boiler.

See more at [calorgas.ie](http://calorgas.ie)  
or call 1850 812 450 (ROI),  
028 9045 5588 (NI).

Terms and Conditions apply. See [calorgas.ie](http://calorgas.ie)

INNOVATIVE,  
RELIABLE,  
EFFICIENT.

WARMFLOW  
**Zeno**

Air Source Heat Pumps

50 YEARS  
KEEPING FAMILIES WARM



★ Trustpilot



Mitsubishi variable speed  
inverter driven compressor



User friendly touch  
screen interface



Variable speed high efficiency pump



Designed to run on  
single-phase electricity



Up to 55% efficiency at A7W35



Flow temperature of up to 55°C



3 outputs ranging from 6-18kW

MANUFACTURER - **WARMFLOW**

RENOWNED FOR LEADING THE MARKET IN CREATING INNOVATIVE PRODUCTS, THE WARMFLOW DEVELOPMENT TEAM HAS DONE IT AGAIN WITH THE LAUNCH OF THEIR NEW INVERTER-DRIVEN RANGE OF AIR SOURCE HEAT PUMPS...



**The Warmflow Zeno range is now available and comes with a 5 year parts and labour warranty, providing engineers and home owners alike with peace of mind.**

The launch of the new Zeno air source heat pump range is the latest in a long list of market-leading innovations from Warmflow; which also includes the UK and Ireland's only AAA rated oil boiler that saves home-owners up to five litres of fuel per week compared to other brands. The new Zeno heat pumps range is one of the most intelligent and advanced heating systems available, offering unparalleled efficiency. Only requiring electricity and water connections, the outdoor unit is easily installed and can be placed discreetly outside your home. With excellent SCOPs, the new Zeno air source heat pumps boast an ErP A++ rating, helping home-owners to reduce their annual home heating bills whilst being environmentally friendly. The Zeno range has been developed with quality in mind and boasts a number of market-leading components, including a Mitsubishi inverter driven compressor and a Grundfos circulating pump. The range comes with all the features installation engineers have become accustomed to in a Warmflow product, such as an easy-to-use touch screen controller, a simple wiring centre to

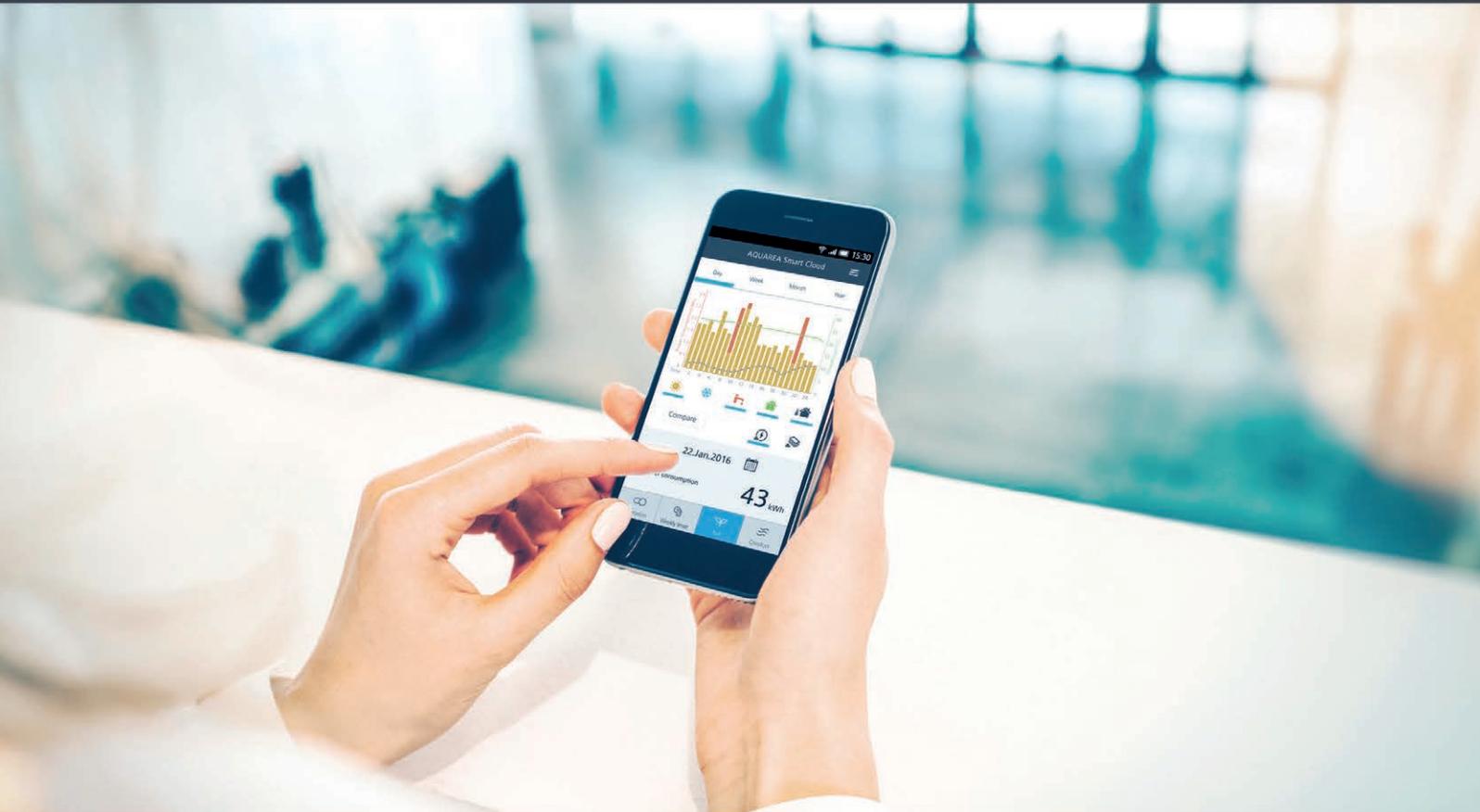
reduce installation time and an in-house design team on hand to advise and support engineers planning their installation.

Consisting of three single phase models – 6kW, 11kW and 17kW – the Zeno heat pumps efficiently provide cost-effective heating and hot water for properties. Each unit comes in a weatherproof, anthracite-grey casing, requiring no maintenance and also with a range of accessories included as standard. These accessories comprise a heated drip tray, Y strainer, flexi hoses and isolating valves. Each features a unique 'Tube in Shell' heat exchanger, which provides efficient heat transfer, whilst allowing maximum lubrication of the refrigerant circuit. This provides maximum efficiency and ensures a long operational life. The Warmflow Zeno heat pumps operate at high efficiencies, even when the external temperatures are low, making for a cost-effective renewable alternative to traditional off-gas heating methods. Monobloc in design, the Zeno range of heat pumps is suitable for use with S-Plan and Y-Plan heating control systems and is simple to work with for

installation and maintenance. The units also offer a number of great energy and money-saving features including an 'Intelligent Defrost Method' and a 'Quiet Operation Mode' which further reduces the noise of the units and leads to an almost silent operation. This Quiet operation mode is programmable and can be set at certain times of the day when lower noise is required. With the company set to celebrate its 50th anniversary in 2020, this new range of air source heat pumps is representative of how Warmflow continues to adapt to new market trends, whilst offering the same excellent products and service they've come to be recognised for.  
**T: +44 (0)28 9262 1515**  
**E: sales@warmflow.co.uk**  
**www.warmflow.co.uk**

# PANASONIC AQUAREA SMART CLOUD

# Heat Merchants



Easy and powerful remote control, monitoring and energy management of your Panasonic Heat Pump from anywhere in the world.

- Energy savings and comfort from anywhere
- Internet connection with router WiFi or wired LAN
- Easy to adjust temperature & hot water
- Weekly timer & holiday mode
- Intuitive and powerful energy statistics
- Operation history log
- Can be retrofitted to H Generation heat pumps and later

#### Installer Remote Monitoring & Maintenance

- Remote diagnostics & efficiency reviews
- Remote servicing & system fine tuning

Contact our Customer Support Centre to find out more about the Panasonic Smart Cloud Controller  
t. 090 6442300 e. [customersupport@heatmerchants.ie](mailto:customersupport@heatmerchants.ie)

AQUAREA SMART CLOUD  
AQUAREA

**Panasonic**  
heating & cooling solutions

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

SUPPLIER - **HEAT MERCHANTS**

HEAT MERCHANTS HAS SIGNED UP TWO NEW MEMBERS TO THEIR SALES TEAM: PAT SMITH, NATIONAL RENEWABLE SALES MANAGER AND PETER O'BRIEN, NATIONAL COMMERCIAL SALES MANAGER...

## New additions to the Heat Merchants team

Pat Smith will be working to develop sales of renewable energy technology for the company in his new capacity as National Renewable Sales Manager. Pat is a Refrigeration Engineer with over 22 years' experience in the HVAC industry, having worked in sales, servicing and installation for many years prior to joining Heat Merchant in 2016 as a National Technical Services Engineer.

Over the past three years, Pat has developed a training programme for Panasonic Heat Pumps and now offers regular installer training in the Heat Merchants training centre in Athlone. He also developed an aftersales service programme with a team of engineers now offering heat pump commissioning, ancillary certification and addressing any warranty queries. Pat will be focused on growing sales of renewable energy technology including heat pumps and solar photovoltaic solutions.

Peter O'Brien recently joined Heat Merchants as National Commercial Sales Manager and will be working alongside four Commercial Business Development Managers to develop sales within the multi-dwelling and commercial sector of the business. Peter is a qualified Building Services Engineer and has worked in the construction industry for more than 12 years. He brings with him extensive experience of designing and specifying



**Pat Smith, National Renewable Sales Manager.**

heat pumps, commercial boilers and commercial plant room equipment and he has also worked with manufacturers of commercial boilers, combined heat and power (CHP) units and air handling units.

Peter will be working closely with Consultant Engineers in the design and specification of heating and hot water systems for a variety of multi residential projects and commercial plantrooms.

### FREE HEAT PUMP TRAINING

Heat Merchants is offering installer training on their Panasonic range of heat pumps, which is available free of charge in its Training Centre in Athlone.

The Panasonic Aquearea air-to-water heat pump offers three alternative technical solutions, depending on the property requirements. Each is



**Peter O'Brien, National Commercial Sales Manager.**

*"Peter will be working closely with Consultant Engineers in the design and specification of heating and hot water systems."*

available in a range of outputs, thus ensuring there is a solution to meet any need.

- Aquearea High Performance designed for new installations and low consumption homes
- Aquearea T-CAP will maintain capacity even in extremely low temperature areas and is ideal for refurbishment and new builds
- Aquearea HT delivers higher temperature water, making it suitable for a house with old high-temperature radiators.

The Heat Merchants technical team will advise on the best option for each specific property and will size it accordingly.

**T: +353 (0)90 642 4000**

**E: [enquiries@heatmerchants.ie](mailto:enquiries@heatmerchants.ie)**

**[www.heatmerchants.ie](http://www.heatmerchants.ie)**



Heat Merchants Training Centre in Athlone

*"Pat will be focused on growing sales of renewable energy technology including heat pumps and solar photovoltaic solutions."*

# Think Heat Pumps. Think Grant.



## AERONA<sup>3</sup>

INVERTER DRIVEN TECHNOLOGY



[www.grant.eu](http://www.grant.eu)

MANUFACTURER - **GRANT**

GRANT'S AERONA<sup>3</sup> R32 INVERTER DRIVEN, AIR SOURCE HEAT PUMP RANGE IS PROVIDING EXCEPTIONAL EFFICIENCY TO PROPERTIES THROUGHOUT IRELAND, WHEN COMBINED WITH GRANT HEAT EMITTERS SUCH AS THE NEW GRANT UFLEX UNDERFLOOR HEATING...

## Grant's A+++ heat pumps providing exceptional efficiency

**A**vailable in outputs of 6kW, 10kW, 13kW and 17kW, the AERONA<sup>3</sup> R32 range can achieve an A+++ energy rating at low temperatures and models are easily installed and maintained. All four models within the R32 range boast superior seasonal coefficient of performance (SCOP) and depending on the demand on the heating system at the time, can deliver 4kW of heat energy for every 1kW of electricity used. The 13kW and 17kW heat pump models are also recognised by the international award programme 'Quiet Mark' which awards low-noise, high performance products. The AERONA<sup>3</sup>

R32 has been selected as the main heat source for many properties as part of Grant's Multiple Package Solutions, which provides those undertaking a new build or deep retrofit project with the opportunity to have the full heating requirements designed, quoted and supplied by the technical specialists at Grant; who can ensure optimum efficiencies by correctly sizing and combining multiple heating technologies. Additional technologies by Grant which add further efficiency benefits include the new pre-plumbed, high performance hot water cylinders and suitable heat emitters. In addition



Grant's AERONA3 R32 heat pump range has many environmental and economic benefits, delivering exceptional performance, reliability and value.

to the Grant Uflex underfloor heating, these products may also include Grant Afinia aluminium radiators and Grant Solo fan convector radiators.

To keep up-to-date with the latest Grant news, follow Grant on Facebook, Twitter or Instagram @mygrantni @grantirl

**T: ROI 057 912 0089**

**T: NI 0800 279 4796**

**[www.grant.eu](http://www.grant.eu)**

MANUFACTURER - **JG SPEEDFIT**

SPEEDFIT UNDERFLOOR HEATING, FROM JOHN GUEST (JG), IS THE IDEAL CHOICE IF YOU ARE LOOKING FOR A STYLISH, AFFORDABLE AND EASY TO INSTALL UNDERFLOOR HEATING SYSTEM...

## The combination for a low carbon future

**2**025 is earmarked as the gas boiler ban start date as the government ramps up its activity to build a low carbon future that is environmentally friendly and sustainable. In the pipeline to replace gas boilers are low carbon heat pumps, which are powered by electricity and are typically at their most efficient when heating water up to around 35-40°C. This leaves underfloor heating (UFH) as the most viable heating option for the future. With wet UFH, the system only needs to run between 35-40°C to heat up the water in the pipework and transfer the heat into the room, making it a perfectly compatible heating method to work with heat pumps. Not

only that, UFH also helps create more comfortable and aesthetically pleasing homes, because the pipework is hidden from sight, creating extra interior space. With UFH projects likely to gain popularity, JG Underfloor, a brand from RWC, offers a whole suite of UFH solutions to efficiently complete any new build or retro-fit installation. The company offers a free estimation and CAD design service to assist installers with selecting the best system for their project, sourcing the right quantity of material and helping them make the installation as efficient as possible. Boasting the largest technical sales team in the UK, JG Underfloor experts are also on hand to ensure that



Whether working on a new build, renovating existing space or adding an extension, Speedfit Underfloor from JG has a range of underfloor heating systems suitable for any project.

installers have all the support required to ensure a fast, simple and efficient install.

**[www.rwc.co.uk](http://www.rwc.co.uk)**

**[www.jgspeedfit.co.uk](http://www.jgspeedfit.co.uk)**

# A step towards greener energy



## Alfea A.I

- Excellia (Duo)
- Extensa (Duo)
- Excellia
- Extensa



35°C



55°C



8\* YEAR WARRANTY



## Loria Duo



35°C



55°C



5\* YEAR WARRANTY

DISTRIBUTOR - **DAVIES**

BEST IN CLASS IS THE ONLY WAY TO DESCRIBE THE ATLANTIC HEAT PUMP RANGE...

## Profiling the Extensa and Excellia heat pump models

Part of the Groupe Atlantic family, the Atlantic A.I Extensa and Excellia models provide a dedicated hydraulic conception for improved performances with a COP of up to 4.52. The inverter control adapts its power supply according to the outside temperature in order to provide the exact amount of energy for a constant and economical heating system. This offers comfort to the homeowner, whatever the weather, as well as huge savings on their household energy bills. The Atlantic heat pump range allows versatility, adaptability and its quality controls make the user interface experience seamless. On the interior the technology is patented and unrivalled.

The range benefits from the tried and tested coaxial heat exchanger, a technology developed and patented by Groupe Atlantic to maximise the performance of the heat pump. The coaxial heat exchanger is immersed in an internal buffer tank, allowing it to function without any filter trap or water flow controller, which makes the heat pump a reliable and efficient solution. This also benefits the installer as it is literally plug and play, with no system preheating

required. The coaxial heat exchanger is very system tolerant with the largest heat exchanger waterways on the market. This technology differentiates the unit from all other heat pumps using plate heat exchangers.

The Extensa A.I is the perfect all-round solution, producing DHW at 55°C and comes in four models from 5kW – 10kW. All single phase, the heat pumps can work with outside temperatures from -20 degrees to +35 degrees. The Extensa Duo A.I is an adaptable, high performance heat pump with integrated domestic hot water production and a 190-litre capacity storage tank included.

The Excellia A.I is a high temperature solution in the range, with DHW production at 60°C. Its design and range of accessories makes it the benchmark in the heating sector. It comes in two single phase models 11kW and 14kW and three models in the triple phase option – 11kW, 14kW and 16kW. The heat pump is capable of working with outside temperatures as low as -25 degrees. With a full range of accessories that cater



*“The Atlantic heat pump range allows versatility, adaptability and its quality controls make the user interface experience seamless.”*

for all applications and the unique Two Zone kit, which allows two different temperatures for radiators and underfloor to run at the same time, all integrated within the unit, this system provides the installer with a compact, simplistic and cost-effective solution. The programmable controls are simple to use for the homeowner with the Cosy Touch app which provides

complete control on the go and peace of mind comes as standard with our market leading 8-year product guarantee.

**T: +353 (0)1 8511 700**

**[www.davies.ie](http://www.davies.ie)**

**Business Development for  
Groupe Atlantic Ireland**

**Terry Warner:**

**+353 (0)87 354 8661**

**Donal Mannion:**

**+353 (0)87 442 3359**

**[www.idealboilers.ie](http://www.idealboilers.ie)**

IRELANDS LEADING TRAINING AND CONSULTANCY SERVICES UNVEIL THEIR NEW WEBSITE WITH COURSE DATES, INFORMATION AND USEFUL TECHNICAL ARTICLES APLENTY...

# New website and course dates from ECAC



ECAC have announced a range of nationwide dates for their intensive F-Gas course for heat pump installers. Currently they have dates available for Dublin and Cork, with further dates to follow. Their new website, [www.ecac.ie](http://www.ecac.ie) also contains details of their full range of courses. The website is continually updated with course dates and useful articles and one of their most recent explores a recent service ban for the industry.

## REFRIGERANT SERVICE BAN

January 2020 has brought a service ban on using virgin refrigerants with a G.W.P. over 2,500. It is important to recognise that the ban is on the use of these

refrigerants, not the purchase, which means that even if you are stocking virgin R404A, for example, you cannot use it after 31st of December 2019. There are exemptions for those people using these gasses on systems operating below 50 degrees, but all other users will be required to use either a drop-in replacement or reclaimed refrigerant. There are 3 options for dealing with this:

- Systems can be retrofitted with a drop-in replacement with a lower GWP.
- You can service plant using reclaimed refrigerant if available, this

option can't be guaranteed, and the cost may be prohibitive.

- New plants can be fitted using a low GWP refrigerant. Efficiencies have improved immensely over the years and you may find that the improved equipment and reliability pays back the cost of the new plant.

**T: +353 (0)86 066 0652**

**E: [therese@ecac.ie](mailto:therese@ecac.ie)**

**[www.ecac.ie](http://www.ecac.ie)**

## F-GAS CITY & GUILDS INTENSIVE TRAINING COURSE FOR HEAT PUMPS

- Aimed at technicians dealing with heat pumps on a regular basis but due to the nature of their work, do not have exposure to all of the elements necessary to complete the City & Guilds 2079 F-GAS assessment.
- Duration – 4 days. Two workshop days and two classroom days.
- Fault finding and maintenance course also available.
- Bookings now being taken for training nationwide.



For further information on this course and the full range of courses from ECAC Training please contact; Mobile: 00353 (0) 86-0660652  
Email: [therese@ecac.ie](mailto:therese@ecac.ie) - [www.ecac.ie](http://www.ecac.ie)





BOOK YOUR STAND ASAP FOR THE LEADING TRADE-ONLY PLUMBING AND HEATING EVENTS IN IRELAND...

## PLUMBEX 2020 dates announced for Belfast and Dublin

PLUMBEX offers exhibitors a social and professional space to meet your customers and other industry leaders to develop those vital relationships that facilitate your business successes. PLUMBEX Belfast and Dublin create the perfect environment to stay engaged with the latest developments and products in the industry and to join the community of professionals who all share the same passion for their trade. PLUMBEX attracts a varied mix of visitors including plumbing and heating contractors, installers, heating engineers, M&E consultants, M&E contractors, specifiers, project engineers, merchants, distributors and builders. It also attracts representatives and decision-makers from councils, government departments, public sector bodies and anyone else associated with this sector. After working so hard for the year to perfect your brand, new products and campaigns, come show them off in style at the two PLUMBEX shows!

### PLUMBEX BELFAST

The 2020 event promises to be bigger and better than ever. Hundreds of top brands, new products, smart technology, apprentice interaction plus much more is all on the cards for 2020. The event is an integral part of the Build Electrical Plumbing Expo (or BEPEX for

short) held this year at the amazing Eikon Exhibition Centre, home of the Balmoral show, on 9/10 September, 2020. Offering three major trade events under one roof, BEPEX 2020 is the must-attend event for anyone involved in the construction, electrical, plumbing and mechanical sectors in Northern Ireland.

### PLUMBEX DUBLIN

As the largest trade show in Ireland, it attracts major suppliers and contractors from all sectors of the Irish plumbing industry who are massive supporters of this successful event. Last year, PLUMBEX enjoyed support from some world-class exhibitors who have this event firmly marked in their diaries each year. Exhibitors reported busy stands with lots of interest in the products and services they were promoting.

Commenting on Facebook during the show, Charles O'Neill from Heating Engineer Supplies said: "Day one done at PLUMBEX 2019 and it was very successful. The stand was very busy all day with lots of interest in our new lines." Plans are in place to build on the success of 2019 as we return to the Citywest Hotel, Saggart, Dublin, on May 20/ 21 2020.

The two trade shows will showcase a range of products from both residential and commercial sectors, including; pipes, pumps and valves; bathrooms and showers; heating controls; energy efficient products and renewables; underfloor heating and much more. The events will also include seminars focusing on important industry legislation to offer visitors the latest in industry solutions and regulations.

 <p><b>PLUMBEX</b> TRADE EVENT</p> <p><b>DUBLIN</b></p> <p>WED 20 MAY 2020 • 4PM - 9PM THURS 21 MAY 2020 • 9:30AM - 4PM City West Hotel, Saggart</p>	 <p><b>PLUMBEX</b> TRADE EVENT</p> <p><b>BELFAST</b></p> <p>WED 9 SEPT 2020 • 4PM-9PM THURS 10 SEPT 2020 • 9:30AM-4PM Eikon Exhibition Centre, Sprucefield</p>
<p><b>BOOK YOUR STAND EARLY TO AVOID DISAPPOINTMENT!</b></p> <p>For more information on how to book your stand contact Jacqui Fairley on (NI) 028 9261 2990 or (RoI) 01 696 8319, e-mail jacqui@kmp ltd.co.uk or visit <a href="http://www.bep-ex.com">www.bep-ex.com</a> or <a href="http://www.plumbingmag.com">www.plumbingmag.com</a>.</p>	



Scope gold mixer ▶



▼ Finland Dolphin Grey 80cm unit with brushed gold handles



Visit our **SHOWROOM** with late opening until 8pm Thursday and 9am-1pm Saturday  
103 Northwest Business Park | Ballycoolin | Dublin 15 | D15 R883



The FINLAND unit in Dolphin Grey with chrome-finish handles makes a stunning addition to any bathroom.



The FJORD model in ocean blue with a gold finish offers a classic take on Scandinavian aesthetics.

DUBLIN-BASED BATHROOM BRAND SONAS BATHROOMS LAUNCHES ITS NEW COLLECTION FOR 2020 WITH A SIGNIFICANT INVESTMENT IN BATHROOM FURNITURE, CERAMICS AND BRASSWARE TO ADD TO ITS ALREADY IMPRESSIVE RANGE OF PRODUCT SOLUTIONS...

## Scandinavian designs launched by SONAS

Scandinavian design is a popular aesthetic that emerged in the early 20th century. It has flourished ever since in Nordic countries and has spread throughout the rest of the world. By focusing on quality and clean, clutter-free spaces, the philosophy behind this look helps create calm, focused spaces that provide relief from the hectic realities of modern-day life.

A key product launch from the 2020 SONAS collection is their Scandinavian furniture collection. Characterised by

the simplicity and minimalism we've come to appreciate from Scandinavian decor, the new range of furniture combines design and functionality to create a luxurious ambient space for your bathroom. The three models, Fjord, Finland and Stockholm, are designed with a palette of contemporary matt finishes and a range of black, gold and chrome- coloured handle options, which are complemented by a collection of black mixers and the addition of brushed gold or classic chrome mixers to create a real statement piece.

"Feedback from our customers is an integral part to our product development cycle and this is also reflected in our extended furniture and sanitaryware offering for 2020," said Gerard Fahy, Commercial Director and Head of Product Development. "Adding more basin sizes and designs along with more Comfort Height and Rimless Design WC's to our 2020 range reflects our customers' needs, offering lots of choice and value for money" added Gerard.

Operating from an impressive distribution hub which services its national retail customer network of bathroom showrooms, plumbing merchants and builder providers, the company also provides customers with a 4,000sqft product showroom at its Headquarters in Ballycoolin, Dublin. The new 2020 collection will be on display for consumers, both retail and trade, affording them an opportunity to touch, feel and compare its product quality and design.

T: +353 (0)1 817 9755

E: [info@sonasbathrooms.com](mailto:info@sonasbathrooms.com)

[www.sonasbathrooms.com](http://www.sonasbathrooms.com)



The STOCKHOLM two-drawer unit in Khaki, with a matt black-finish handle is an ideal component for any modern bathroom.

*"Feedback from our customers is an integral part to our product development cycle and this is also reflected in our extended furniture and sanitaryware offering for 2020."*



# NEW Universal Access Junction System

*1 Access Junction = 16+ Connection Possibilities*

**Our new universal Access Junction offers customers varied connection options to cover all their needs.**



## Features

- **A Multi-Purpose Access Junction base with options to suit every requirement**
- **Quick and easy installation**
- **Robust but light base for ease of use**
- **Single level flow system designed to minimise the risk of drainage blockage**
- **Blanking Plugs supplied for different option system flow profiles**

All parts  
manufactured  
and tested to  
EN-13598\*  
requirements

Phone: 021 4884700 • Email: [Ireland@pipelife.com](mailto:Ireland@pipelife.com)

**WWW.PIPELIFE.IE**

PIPELIFE'S NEW UNIVERSAL ACCESS JUNCTION SYSTEM HAS GOT YOUR SEWER CONNECTIONS COVERED, WITH OPTIONS TO SUIT EVERY REQUIREMENT...

# One access junction = 16+ connection possibilities

Inspecting and rodding sewer pipe runs just got a whole lot more accessible with the launch of Pipelife's new Universal Access Junction System. The strong junction base is quick and easy to install with a single flow system designed to minimise the risk of drainage blockage and it features more than 16 connection possibilities. Manufactured from top quality 100% virgin materials to EN1401 requirements, the Universal Access Junction is available for 110mm (4") pipe. It's designed to withstand high chemical resistance for both sewage, foul and storm water and has a heat resistance to temperatures up to 45C for constant flow.

A fixed sealing ring rules out the risk of displacing the ring by accident and the light, yet robust, base makes them easy to transport and place, speeding up assembly.

Pipelife supplies a range of blanking plugs to allow for different option system flow profiles.

"This combination of strength, loading capabilities and exceptional sealing means that our high performance universal access junction offers a wide range of benefits to the installer and meets all of the latest regulatory requirements," says Padjoe Barry, National Sales Manager.

Featuring over 16 connection possibilities, Pipelife's Universal Access Junction System also reduces merchant stock-holding requirements for multiple base variants.

Pipelife is one of Ireland's leading manufacturers and providers of plastic piping systems. Specialising in the extrusion of polyethylene (PE) pipes, Pipelife offers industry-leading products for the heating and plumbing, water pressure, electricity, cable ducting, gas



New Universal Access Junction System from Pipelife.

and agricultural sectors.

Drawing on over 40 years of manufacturing experience from its Cork-based production plant, Pipelife has been at the forefront in developing innovative products. Quality and innovation continue to define company philosophy and this is reflected in the range of products and systems that they manufacture to this day, such as the new Universal Access Junction System. When you choose Pipelife, you have the support of their experienced customer service team, as well as backup provided by their specialist service engineers. Their in-house designers work with home-owners, contractors, architects and consulting engineers across the country on projects ranging from residential homes, hospitals and nursing homes to warehouses and car showrooms.

As the manufacturer, Pipelife guarantees

the pipe for 50 years, which is vital when it's being buried within the floor structure for the lifetime of the building. Pipelife's Universal Access Junction System is available now, from all leading merchants nationwide.

**T: +353 (0)21 488 4700**

**E: [Ireland@pipelife.com](mailto:Ireland@pipelife.com)**

**[www.pipelife.ie](http://www.pipelife.ie)**

## Features include...

- 315mm square cover and frame with rubber ring seal and screws for complete watertight drainage system.
- Adjustable tilt frame for ease of alignment on uneven pavement surface.
- Supersize sealing ring versus the competition and stackable risers with a cutting indicator for extra height requirements.

**THE UK'S  
ONLY TOTAL  
SOLUTIONS  
PROVIDER**

**FOR HEAT  
EMITTERS**



**CONTINUING PROFESSIONAL  
DEVELOPMENT (CPD)**



**DESIGN  
SERVICES**



**TECHNICAL  
SUPPORT**



**BUILDING INFORMATION  
MODELING (BIM)**

KNOWN FOR SUPPLYING QUALITY PLUMBING, HEATING, BATHROOM AND RENEWABLE ENERGY SOLUTIONS, TO THE TRADE AND PUBLIC, BASSETTS HAVE CERTAINLY BEEN BUSY RECENTLY...



The team at Bassetts with members of Air Ambulance NI.

## BASSETTS FUNDRAISING TAKES OFF WITH AIR AMBULANCE PARTNERSHIP

**Support** for Air Ambulance NI has been given a lift thanks to a recent partnership with Bassetts, as it announced it has chosen the organisation as its charity of the year. Staff from across Bassetts 17 branches will now work toward bringing support to the charity through initiatives such as coffee mornings, payroll giving and multiple other planned fundraising events. Kerry Anderson, Head of Fundraising at Air Ambulance NI, said, "As a charitable organisation which

requires £2million every year to maintain services, we rely heavily on the support from businesses to help raise essential funds in order to keep this life-saving operation running. This latest partnership with Bassetts is another great way to generate funds and we are thrilled to have been chosen as their charity of the year. This is a real boost to the team, both in terms of fundraising and support for the services we work so hard to deliver."

## BASSETTS LAUNCHES TURNING PRO SCHEME

**For any** skilled tradesperson, taking the plunge and setting up their own company can be a daunting task. But now, help is at hand for plumbing and heating installers to grow their own business. Bassetts has launched the Turning Pro Scheme, a new support service that will give businesses additional tools



such as a credit account, networking events, marketing support and general support and guidance. While it is aimed at those who have just started their own business or are considering taking the leap into self-employment, the Turning Pro service is also available to existing customers. If you are interested in finding out more information about the Turning Pro service from Bassetts, please visit their website.



Bassetts now boasts a branch in every county of Northern Ireland and with the addition of VP Jebb.

## NEW SHOWROOM FROM VP JEBB

**Well-known**, Belfast bathroom and plumbing merchants, VP Jebb re-opened its doors earlier this month, following a significant programme of refurbishment and its acquisition by Bassetts. The re-launch, which was attended by past and present customers, as well as many of VP Jebb's regular tradespeople, perfectly showcased the impressive results of the recent £500,000 investment in the newest member of the Bassetts group. The extensive refurbishment includes the creation of a new bathroom showroom, as well as an extended trade counter and improvements throughout the building. The newly re-opened showroom has kept its original name in an ode to its family roots, as well as retaining its iconic shopfront. All original staff have remained within the branch, including third-generation family member, Alex Jebb who manages the store. Additional roles in the showroom have also been created, bringing the total number of staff to seven.

HEAD OFFICE: 4 Mahon Industrial Estate, Portadown, BT62 3EH

T: +44 (0)28 3833 9438 - E: info@bassettsonline.com

**bassettsonline.co.uk**

**bassetts**  
bathrooms | heating | tiles

100%  
IRISH

www.firebird.ie

*An rogha is fearr*

# FIREBIRD



Home of the  
most efficient  
boiler in Europe

## HEATING SOLUTIONS



# Envirogreen™ & Silver

## OIL FIRED BOILER RANGES

Featuring cutting-edge low NO<sub>x</sub> burner technology Firebird by **elco**

**Compliant to the latest ERP low NO<sub>x</sub> Directive**

Achieving NO<sub>x</sub> levels as low as 60mg/kWh where the new ERPD goal is 120mg/kWh

### Installation is as easy as 1, 2, 3

1x

Allen Key



2x

Burner Settings



3x

Satisfied Customers



**Superior Heating Solutions Since 1980**

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

T: (026) 45253 E: [sales@firebird.ie](mailto:sales@firebird.ie)

ENVIRONMENT

INNOVATION

TECHNOLOGY

HEATING & ENERGY SOLUTIONS SUPPLY HIGH QUALITY AND COST-EFFECTIVE UNDERFLOOR HEATING AND VENTILATION PRODUCTS...

## The perfect solution for plumbers

Heating & Energy Solutions does exactly what it says on the signage of the company's impressive new premises on the Fenaghy Road in Cullybackey. It provides underfloor heating and ventilation solutions for independent plumbers through to major contractors. A domestic new build or commercial property, Heating & Energy Solutions guarantee top quality systems and products at highly-competitive prices. The company's accessible new premises, with extended stock space - allied to the customary friendly and well-informed service - also makes life easier for the customer.

"The constant search for ways to improve our business has become part of our DNA," said Heating & Energy Solutions owner, Jonathan Duff. "The new premises forms part of that on-going process, with increased stock levels ensuring we have the supply to meet the ever-growing demand." Heating & Energy Solutions reputation in the industry, both as a supplier and also installer of underfloor heating and heat recovery ventilation, has been built on practical experience and a long association with one of Europe's leading HVAC suppliers. "We have been local agents for Swedish



underfloor heating manufacturers LK Systems for almost a decade. Based in the west of Stockholm, they design and manufacture a high quality system with pipes that are unique to LK and can be connected to any heat source suitable for warm water heating, including electric boilers, wood burners, heat pumps, conventional condensing boilers, or solar panels."

On the subject of solar panels, Heating & Energy Solutions also offer solar and heat recovery systems for both the domestic and commercial sectors. "Depending on the project, we can combine underfloor heating with solar panels and heat recovery ventilation. Alternatively, we can design, supply, and fit if required, individual bespoke products and systems. The aim is to provide the perfect solution to the needs of plumbers and contractors." In addition to the best that Scandinavia has to offer, Heating & Energy Solutions also stock and supply award-winning heat recovery ventilation products and systems from mainland UK

manufacturer EnviroVent. "One of the great benefits of systems such as the one EnviroVent make is the constant supply of fresh, filtered, healthy air to your home or office building. They also eliminate mould, mildew, and combat condensation, recover up to 95% of heat extracted, and provide natural cooling without having to open windows."

As more and more people become conscious of the benefits of sustainable and renewable heating and energy, so the demand has grown for products and systems. Heating & Energy Solutions are ideally placed to meet that demand.

The go-to product supplier, Heating & Energy Solutions' reputation as a specialist extends to installation. Design and installation of cost-effective, efficient systems for schools such as Castle Tower, Foyle College, and St Patrick's Academy are a case in point. "We have been fortunate to work on a wide range of projects," added Jonathan. "Our experience and expertise allows us to tailor systems to the needs of users, from schools to new homes and office blocks. Partnering with leading manufacturers also gives us the flexibility to meet a diverse range of requirements."

T: +44 (0)28 2588 2288/07595 02316

E: [info@heatingandenergysolutions.co.uk](mailto:info@heatingandenergysolutions.co.uk)  
[www.heatingandenergysolutions.co.uk](http://www.heatingandenergysolutions.co.uk)





## KEMPER FROSTI® and FROSTI®-PLUS

- Clever prevention of frost damage
- Easy to install



**WRAS**  
APPROVED  
PRODUCT



Kemper UK & Ireland Ltd. 2 Ripple Court, Brockeridge Business Park,  
Twynning, Tewkesbury, Glos, GL20 6FG  
T: +44 16 84 - 85 49 30 - F: +44 16 84 - 85 49 31  
E: [info@kemper-uk.com](mailto:info@kemper-uk.com)  
[www.kemper-uk.com](http://www.kemper-uk.com)

**KEMPER**

Available via our distribution partners Hanley Controls in the ROI: Hanley Controls (Clonmel) Ltd., Gortnafleur, Clonmel,  
Co.Tipperary, Ireland. Tel: + 353 (0)52 6122722 - Fax: + 353 (0)52 6122024 - Email: [info@hccl.ie](mailto:info@hccl.ie)  
w: [www.hccl.ie](http://www.hccl.ie)

Quality is our standard · since 1864

EASY-TO-INSTALL, WRAS APPROVED RANGE OF OUTDOOR TAPS FROM KEMPER...

# Clever prevention of frost damage

**E**asy-to-install, clever prevention of frost damage is available from Kemper through the company's FROSTI® and FROSTI®-PLUS outdoor taps.

Offering frost proof under even extreme conditions, these outdoor taps are fitted with an automatic draining function that reliably prevents the tap from freezing and, with it, the consequential water damage. In addition, it provides year-long prevention from drinking water contamination. If an outdoor tap contains a water volume of more than 150ml which remains in the tap for days or weeks, germ growth is inevitable. With the FROSTI® outdoor tap, this is prevented.

For installers, the taps are easy to fit, with two versions and perfect accessories making the FROSTI® and FROSTI®-PLUS outdoor taps suitable for a range of applications. With the FROSTI®-PLUS, the installation kit can be cut to length for all common walls between 150mm and 415mm. By using extension sets, it is possible to insert the FROSTI®-PLUS in walls up to 655mm thickness. The threaded tube can be installed during the shell construction phase, with the outlet valve mounted when the facade is finished to avoid any damage during construction.

An optional available fixing set can be used if the FROSTI®-PLUS is installed in a wall with outside insulation and render finish. The fixing set holds the tap in place and protects the render finish from damage. To avoid moisture penetration through the wall, a sealing sleeve is also available with the FROSTI®-PLUS.

The factory pre-assembled valve on the FROSTI® delivers quick and easy installation on already finished outer walls. With a total external diameter



of only 27mm and movable collar, it is suitable for wall thicknesses of 150-492mm, and can be extended to any length on site. There is a universal connection of 1/2" male pipe thread and 15mm copper pipe for press fit or solder connections.

With the KHS Flow Splitter, installers can avoid dead-legs feeding the outdoor tap by using a ring-type installation.

The flow splitter ensures water exchange in the loop pipe when a downstream outlet is used. At the same time, the supply of the outdoor tap is optimised.

When the FROSTI® is opened, the supply runs through both sides of the loop. That means, for instance, that two 15mm pipes are sufficient to achieve almost the same flow rate as one single 22mm pipe. This guarantees a sufficient supply – the flow rate of FROSTI®, for example, is approximately 40 l/min at 1 bar flow pressure.

The accessories range also includes a lockable tap to avoid misuse of the tap and, for larger wall thicknesses, the FROSTI®-PLUS can be extended by 30mm to 120mm through an extension kit.

These products demonstrate the high standards consistently delivered by Gebr. Kemper UK and Ireland Ltd and are part of a broad range of unique solutions based on non-ferrous metals.

#### For more information contact:

**UK – T: +44 (0)168 4854 930,  
e-mail [info@kemper-uk.com](mailto:info@kemper-uk.com) or  
visit [www.kemper-uk.com](http://www.kemper-uk.com)**

**Ireland – Available via distribution  
partners Hanley Controls (Clonmel)  
Ltd, telephone +353 (0)52 612 2722,  
e-mail [info@hccl.ie](mailto:info@hccl.ie) or visit  
[www.hccl.ie](http://www.hccl.ie)**

### Advantages at a glance

- Protects the building and plumbing from frost damage through the natural draining process after every use.
- Hygienically safe: no stagnation volume.
- Superior flow rate of 40 l per minute at 0.1 MPa (1.0 bar) flow pressure.
- All parts in contact with water are made of gunmetal.
- WRAS approved.

THE UK PLUMBER APPROVAL BODY IS LAUNCHING A RECRUITMENT DRIVE IN WALES AND NORTHERN IRELAND TO ADD TO THE 6,000 MEMBERS ALREADY ON ITS ONLINE DATABASE – A SOURCE OF QUALIFIED, PROFESSIONAL PLUMBERS THE PUBLIC KNOW THEY CAN TRUST...

# WaterSafe plumber recruitment drive

**W**aterSafe is a free online directory and national accreditation body for competent and qualified plumbers in England, Scotland, Wales and Northern Ireland.

The regional services Welsh Water and Northern Ireland Water both support and promote WaterSafe and will play a key role in the campaign by engaging with colleges and holding events and online forums for plumbers to drive recruitment in the sector.

Julie Spinks, Director of WaterSafe, said, "Being a member of WaterSafe is a great way for competent plumbers to provide immediate reassurance to their customers that they are qualified to do the job and keep their drinking water safe." "WaterSafe is supported by all the water companies in the UK, as well as the water industry regulator, the Drinking Water Inspectorate. Membership comes with many benefits and in many cases it's free to join." "We'd urge plumbers who are proud of their work and want to find out more about joining, or taking the final training steps to





**GREENER, BRIGHTER... BETTER!**

**WATER PUMPS**



**"B" RATED 5M, 6M, 7M, 8M STILL AVAILABLE**

[www.polariswp.com](http://www.polariswp.com)

86-88 Dargan Crescent, Belfast.  
T: 028 9039 6945 - F: 0191 4999626  
E: info@polariswp.com

join, to get in touch today." Michael McGreevy, Water Regulation Manager at Northern Ireland Water said, "The water we supply is consistently top quality and we want to ensure it stays that way when it reaches our customers' taps. For this reason, we always recommend to our customers they use a plumber or plumbing business approved by WaterSafe and that's why we're working with WaterSafe and its member body, the Scottish and Northern Ireland Plumbing Employers' Federation, on this vital recruitment campaign." James Lees, of Welsh Water added, "To make it easier for everyone to know how to quickly find a trusted, qualified plumber near them,

we're calling on plumbers who think they meet the criteria to sign up to WaterSafe and be listed on its online register." To join WaterSafe, plumbers must be qualified, have a water regulations certificate, and be a member of an existing approved contractors' scheme. In Northern Ireland this can be the Scottish and Northern Ireland Plumbing Employers' Federation (SNIPEF) or the Chartered Institute of Plumbing and Heating Engineering (CIPHE). Membership of WIAPS and WaterMark is free and charges apply to join SNIPEF, CIPHE and APHC, which offer wider benefits and support. **T: +44 (0)333 207 9030** [www.watersafe.org.uk/howtojoin](http://www.watersafe.org.uk/howtojoin)

PACKED WITH  
REVOLUTIONARY  
TECHNOLOGY



For over 50 years we've always been known for our product innovations, which is why our enhanced range of macerators and lifting stations are now better than ever.

Their new access panels make the motors even easier to get to and the water level indicators are now simple to remove and check, making service and maintenance even quicker. Best of all, they're designed with the same inlet and outlet locations, so upgrading is straightforward.

Now that's revolutionary.

Anything's possible. Visit [saniflo.ie](http://saniflo.ie) to see how.

**SANIFLO**<sup>®</sup>

PLUMBING THE POSSIBILITIES



**HEATING & ENERGY SOLUTIONS**

**SPECIALISTS IN UNDERFLOOR HEATING FOR OVER 20 YEARS**

- SUPPLIERS OF QUALITY PRODUCTS MANUFACTURED TO THE HIGHEST QUALITY
- COMPETITIVE PRICING
- BESPOKE DESIGN SERVICE AVAILABLE
- SUITABLE FOR COMMERCIAL AND DOMESTIC PROJECTS

**Plumbing and Heating contractors interested in the underfloor heating product contact Jonathan on M: +44 (0)75 9502 3516**

HEATING & ENERGY SOLUTIONS, 160B FENAGHY ROAD, CULLYBACKEY,  
BALLYMENA, CO ANTRIM, BT42 1DZ. T: 028 2588 2288

[www.heatingandenergysolutions.co.uk](http://www.heatingandenergysolutions.co.uk)