

ISSUE 91 - SEPT/OCT 2019

plumbing & heating

A TRADE MAGAZINE FOR IRELAND

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THIS ISSUE

- Ireland's Plumbing & Heating Awards
- Merchant News
- Gas Safety & Heating
- Bathrooms

W WARMFLOW

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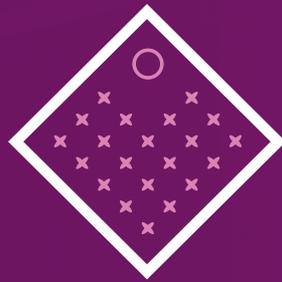


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*University of Ulster User Experience Report

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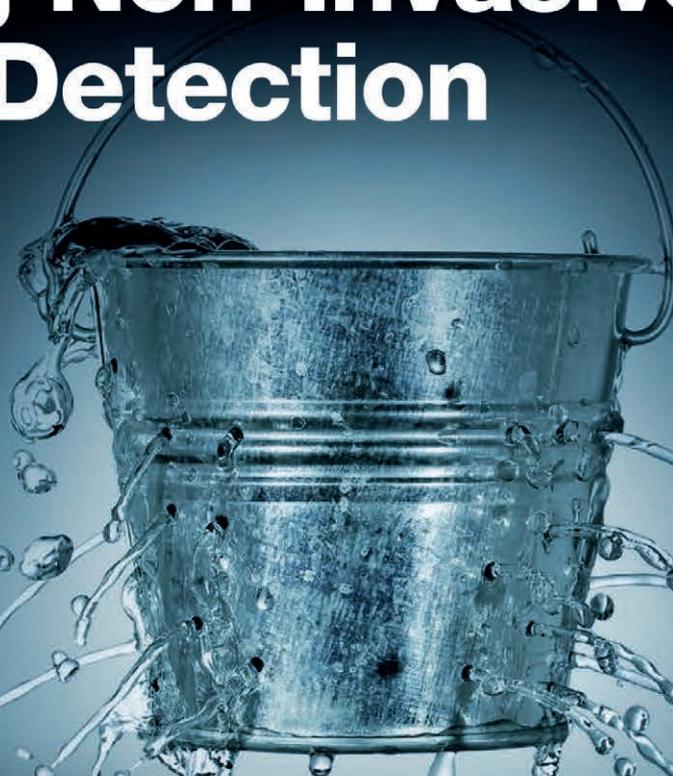
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Slieve Donard Resort Raises a Glass to Natural Gas: Michael Weston, General Manager at the Slieve Donard Resort and Spa with Ollly Mars, Industrial & Commercial Sales Manager, Phoenix Natural Gas.

SLIEVE DONARD RESORT RAISES A GLASS TO NATURAL GAS

One of Northern Ireland's leading hotels is the latest business to reduce its carbon footprint by making the switch to natural gas as part of a major £60million extension project by Phoenix Natural Gas to extend access to its network to 13 towns across County Down.

The Slieve Donard Resort and Spa in Newcastle, which is owned and operated by Hastings Hotels, made the move following a £1.1m investment in the hotel which also included a brand new kitchen, a redesign of the drawing room as well as the upgrading of 16 of the hotel's guest bedrooms. The popular hotel, which is set against the stunning backdrop of the Mourne Mountains, is making the investment to facilitate its growing business and ensure it continues to offer the very best experience for all its guests.

Michael Weston, General Manager at the Slieve Donard Resort and Spa explains: "We are committed to conducting our business in a way that ensures environmental sustainability for future generations. This made making the move to natural gas, which produces less carbon than any other fossil fuel, a priority for us as soon as it became available in the area.

www.phoenixnaturalgas.com

BUSY SUMMER FOR GEBERIT TWYFORD

Geberit Twyford have been very busy over the summer visiting the PTS Merchant Branches showing off the latest Twyford Ceramics and Geberit advanced frame systems with the new high Tec On Tour Vehicle. Grainne McLean is the newly appointed sales manager for the Twyford Ceramics range of products and is enjoying both the commercial and retail success of the new exciting products which are now coming available to the market.

The PTS Business Development Manager Mr Barry Lowe has appreciated the support of Geberit & Twyford and can already see the significant benefits for the business going forward.

T: +44 2838 346600 M: +44 7730 815463

E: lucas.vogan@geberit.com

www.geberit.co.uk



Pictured from left to right at the Enniskillen PTS Branch are Mr Barry Lowe, Mrs Grannie McLean and Mr Keith Ridding (Sales Director for Twyford)

GLOW-WORM INSTALLERS GET IN THE ZONE

Glow-worm is urging installers to keep registering their installations on Club Energy as the competition for an all-expenses-paid holiday to Vietnam heats up. With 80 pairs of tickets up for grabs, installers are given personalised targets based on previous volumes to compete against similar sized businesses. The best performing installers in each league are placed in the Red Zone – if they stay there all year, they'll be on the way to Vietnam. An impressive 172 people were on track in Q2,



but installers need not be discouraged, as everything is still to play for. Spaces on the trip will be awarded to those who have managed to stay in the Red Zone until the end of the year, so it's still possible to earn a spot in the squad, especially with heating season on the horizon. Even those who miss out on a seat on the plane will still be rewarded,

with cash prizes of £100 per quarterly target and a further £300 for all four targets up for grabs.

www.glow-worm.co.uk/mysterytrip



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

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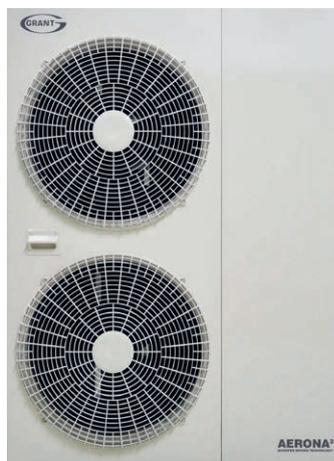
QUIET MARK ACCOLADE FOR GRANT AERONA³ R32 AIR SOURCE HEAT PUMPS

Grant recently received recognition from Quiet Mark for its newly launched Aerona³ R32 13kW and 17kW air source heat pumps. An international award programme, Quiet Mark validates and awards low-noise, high-performance products which help deliver solutions to overcome noise pollution throughout the world.

Associated with the UK Noise Abatement Society charitable foundation, the accolade aims to encourage manufacturers to prioritise noise reduction in the design of their products.

Following acoustic testing and assessment related to this award, the 13kW and 17kW models within Grant's new A+++ Aerona³ R32 range were recognised for their quiet operation, a key feature for many end users. In addition to discreet operation, models within the Aerona³ R32 range feature R32 refrigerant which boasts a lower global warming potential than other typical heat pump refrigerants and therefore makes the heat pumps more environmentally friendly. Combining excellent performance, R32 refrigerant and this latest achievement from Quiet Mark, the 13kW and 17kW air source heat pumps are Grant's quietest, most environmentally friendly and efficient heat pumps yet.

The introduction of R32 refrigerant into Grant's air source heat pump offering is an exciting development for the industry at a time where discussions on carbon emissions and renewable energy are at the fore. *To keep up-to-date with the latest Grant news visit www.grant.eu or follow Grant on Facebook, Twitter or Instagram @mygrantni @grantirl*



ADEY TAKES TO THE ROAD TO SHOWCASE THE ATOM AND PRO3

The Adey roadshow has been calling with merchants across Ireland to showcase new Atom and Pro3 products.

The goal of calling with merchants is to show the continued innovation from the creator of Magnetic filtration, Adey. The Atom is the latest in a long line of developed for purpose products. The industry data showed that 46% of filters are not fitted due to space restrictions and Adey took this to heart with the development of the Atom filter. The Atom is very small with a fitment pipe space of only 115mm and all of this with similar capture to the market leading Magnaclean Micro 2.

The Pro3 is the next leap forward in smart home technology with the ability to do a remote health check on the customer's home and predict if there are any potential problems. This not only saves the homeowner money from the best in class magnetic filtration but can stop any system related breakdowns before they happen by constantly monitoring the system's health. The product also assists with installer and customer relations by allowing remote appointments from installer to homeowner and vice versa.

www.adey.com

C&F QUADRANT TEAM TAKES TO THE ROAD

It's been a busy summer for the team at C&F Quadrant.

They have been travelling across Ireland taking in Dublin, Cork, Limerick, Galway and Mayo in the Vaillant display van to showcase the Vaillant boiler range including the new Green IQ.

The road trips have provided the perfect opportunity to meet and speak to customers as well as promoting the Vaillant brand and the benefits of working with C&F Quadrant.

T: C&F Quadrant on 00353 (0)1 630 5757.



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Heat Merchants Training Centre in Athlone.

HEAT MERCHANTS ARE HELPING INSTALLERS TAKE ADVANTAGE OF THE MARKET OPPORTUNITY IN HEAT PUMP INSTALLATION...

A helping hand from Heat Merchants

Installers can now claim energy saving credit of up to €713 including VAT when they install an air to water heat pump into an existing dwelling by registering with their ESC Section and completing a simple claim form for each installation.

This new initiative goes hand in hand with the SEAI Better Energy Homes programme which incentivises home-owners to upgrade their heating system by offering grant assistance to the value of €3,500. This is seen as an integral part of the Government's recently announced Climate Action Plan, with the objective being to achieve significant carbon savings. According to a recent communication by SEAI, the Government foresees the installation of 400,000 heat pumps in the next 10 years. This is a huge business opportunity for anyone working in the sector. SEAI went on to emphasise that it is essential that the system is properly sized and meets the required efficiencies in order for carbon

savings to be made. If this requirement is not met, the home-owner will not receive the grant and the Energy Saving Credit will not be payable. The Heat Merchants Technical Services team will design a heating system featuring a Panasonic Air to Water heat pump that will meet the standards specified by SEAI for both new builds and retrofit situations. This design will be covered by professional indemnity insurance, giving peace of mind to both installers and home-owners. In order for home-owners to avail of the grant they must complete an assessment by a registered technical advisor who will provide an XML file together with the house plans, including elevations, cut sections or adequate sketches and a listing of existing radiators to enable the design engineers to complete a bespoke design for each property. The Heat Merchants Technical Design team can offer advice and guidance to installers throughout the process and in order to assist installers with

the grant application process, they will complete all calculations and technical information on the designer/installer tab of the SEAI file for the grant application which can in turn be signed off by the installer. This expertise will ensure the design and application are straightforward and as easy as possible for the installer. As this represents a massive opportunity for installers, Heat Merchants is offering installer training on the Panasonic range of heat pumps which is available free of charge in its Training Centre in Athlone. In addition, the company is running information sessions on the retrofit requirements in locations throughout the country over the coming months. Contact Heat Merchants for details of the Energy Saving Credit scheme or to register for installer training.

T: 00353(0)90 642 4000

E: Enquiries@heatmerchants.ie

www.heatmerchants.ie

CREDIT UP TO €713
WHEN YOU INSTALL A HEAT PUMP WITH CONTROLS

AIR TO WATER HEAT PUMP ENERGY SAVING CREDIT SCHEME

Earn credit with the Heat Merchants Energy Saving Credit Scheme every time you install a Panasonic Aquarea Heat Pump into an existing dwelling which has been approved under the Better Energy Homes grant programme!

SIGN UP & SAVE

1. Register with Heat Merchants ESC section
2. Return a simple claim form for each installation
3. Claim submitted to SEAI
4. Once approved credit applied to your Heat Merchants account

TECHNICAL ASSISTANCE WITH SEAI GRANT APPLICATION
FREE HEAT PUMP TRAINING FOR INSTALLERS

Registration, claim forms and more information are available from ESC Section, Heat Merchants Group, Business Support Office, Moydrum Road, Athlone, Co Westmeath.

T: 090 6442300
E: customersupport@heatmerchants.ie
W: www.heatmerchants.ie

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Agentis
High Efficiency Oil Boiler
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Teddington fire valve with 9m capillary†



Oil line installation kit with a Crossland oil filter



ADEY MagnaClean pro 2 filter



Pre Wired Grundfos UPM3 Flex AS Circulating Pump



Includes 2 Bottles of Inhibitor

†9m capillary as standard with an Internal boiler, 3m capillary as standard with an External boiler.

*Subject to terms and conditions. Visit website for more details.

WARMFLOW IS SET TO HEAT UP THE UK AND IRELAND BOILER MARKET THIS AUTUMN WITH THE LAUNCH OF ITS NEW AGENTIS OIL BOILER RANGE...

Warmflow heats up boiler market

Available in a selection of Internal, External, Boilerhouse and Professional models,

Agentis represents new levels of craftsmanship and innovation from Warmflow, which produces the UK and Ireland's only AA-rated oil boiler and was recently awarded 5-star ratings on Trustpilot.

Oliver Cormican, Sales Director with Warmflow, said, "For almost 50 years, Warmflow has been heating homes throughout Ireland, the UK and further afield. We wouldn't be where we are today without our customers, which is why we've listened closely when they told us what they needed in a modern heating appliance. We've worked hard to deliver an entirely new product range which meets those needs precisely.

"We are delighted to launch our new and improved product offering in the form of the Agentis range and look forward to introducing both existing and new customers to its innovative design features and benefits, many of which are entirely new to the oil-fired sector."

The Boilerhouse model offers many of the Agentis' premium features and benefits in an appliance which is appropriate to outbuilding applications. Highly versatile and a dream to install, the Agentis Boilerhouse offers the same uncompromising performance and operating efficiency as the other models in the range in a cost-competitive package.

The new Internal model is both slim and compact, making it ideally suited to kitchens and utility rooms where space is at a premium. Finished in a stylish white casing, the Agentis Internal integrates seamlessly inside the home environment. Inwardly, a radical rethinking of internal plumbing and hot water circuitry produces a



"The Agentis External provides the perfect heating solution where installation space within the living environment is limited."

premium quality product with easily de-mountable components and improved ease of installation and maintenance.

The External model offers all of the same design features and benefits as the Internal model, but is housed within an IP45-rated, maintenance-free, robust weatherproof casing, which will withstand anything that inclement weather can throw at it. The Agentis External provides the perfect heating solution where installation space within the living environment is limited.

Both Internal and External models are available in the unique Professional product variant which includes leading brands such as an Adey Magnaclean Pro, Teddington fire valve, Crossland

fuel filter, an improved condensate drain installation kit and two bottles of inhibitor.

All of the new Agentis models feature the latest Riello low NOx technology and are supported by a 7-year heat exchanger warranty. Supplementing the new product range and exclusive to both existing and new Warmflow installers, the new Warmflow Connect Installer Rewards Scheme offers installers the opportunity to accumulate points for every boiler registered. These points may be exchanged for a range of benefits including free tools and instruments, training, extended warranties and other Warmflow products and accessories.

T: 0044 (0)28 9262 1515

E: sales@warmflow.co.uk

www.warmflow.co.uk

AFTER NINE MONTHS OF CHARITY EVENTS, PTS IS GEARING UP FOR ITS BIGGEST EVENT OF THE YEAR IN NOVEMBER...



A worthy cause for the Cancer Fund for Children

It's been a busy year for Plumbing Trade Supplies (PTS) as the team has been raising thousands of pounds for the Cancer Fund for Children.

The fundraising activities kicked-off in May with PTS entering a relay team in the Belfast City marathon, followed by a charity footgolf competition and riverwalk in June.

A community football tournament was then held in August, as well as the company's annual golf day, which proved to be a resounding success for all involved. PTS staff, customers and suppliers got together to enjoy a round of golf on a glorious summer's day, all while raising much-needed funds for the company's charity partner.

Each event was incredibly well supported and all of the fundraisers raised more money than expected. These five flagship events as well as the charity fridges in branches have helped raise over £21,500 so far this year.

The grand finale event will be held on November 22nd in the glamorous Grand Ballroom in the Europa Hotel where PTS will hold a Charity Christmas Gala Ball. Set to be the event of the year with entertainment from Tim Megarry and the wonderful James Huish, as well as a few surprises throughout the night, and all proceeds once again going to the Cancer Fund for Children.

This is a night not to be missed; to book a table or a seat contact Ken Kinkead on 07802 633544 or Barry Lowe on 07803 237574.



Martin Collins, Mark Harris, Jackie Lynch and Ken Kinkead.



Damien Kelly, Chris Cormican, Enda Ward and Kevin Meenan.



Six of the ten runners from PTS who took part in the Belfast Marathon. From left, Barry Lowe, Davy McKeown, Michael Savage, Mark Crawford, Karl Hegney and Donna Simpson.



Plumbing Trade Supplies



"The company would like to thank all the sponsors that have donated so generously to these events."



Cup winner Glentoran FC 2011's.



Plate winners Andersonstown Community FC 2011's.



Glenavon FC 2011's.



Linfield Ladies FC 2011's.



Hillsborough Boys FC 2011's.



The successful foot golf event held in June at Footgolf NI.



PTS staff presenting a cheque for £21,500 to Daisy Lodge.



The riverwalk team.

PTS

Charity Christmas Gala Ball

in aid of  cancer fund for children

The Grand Ballroom, Europa Hotel
22nd November 2019
with the fabulous James Huish

To book a table or seat contact
Ken Kinhead 07802 633544 or Barry Lowe 07803 237574

Branches in Belfast (Grosvenor Road and Duncrue), Lisburn, Enniskillen, Derry, Newry and Dublin. For more information, telephone 028 9027 1600 or visit www.ptsireland.co.uk



Plumbing Trade Supplies



BEGGS AND PARTNERS DO 'SUMMIT' SPECIAL FOR AIR AMBULANCE NI

A team from Beggs and Partners has completed the Three Peaks Challenge to raise much-needed funds for the Air Ambulance NI. Air Ambulance NI, in partnership with the Northern Ireland Ambulance Service (NIAS), provides the Helicopter Emergency Medical Service (HEMS) for NI. Serious or life-threatening situations can happen to anyone at any time and on average every day one individual finds themselves in need of AANI.

The team from Beggs and Partners, consisting of: Heather Wilson, Rebecca Kerr, Julie Campbell, Michelle Wilkins, Lauren McClean, Gareth Martin, Lauren Martin, Hayley Harrison and Nicola Flynn climbed Slieve Donard on September 14, Cuilcagh on September 21 and finally Slemish on September 28.

Beggs and Partners has set up a Just Giving page and have set themselves the target of raising £500 for the Air Ambulance.

To make a donation log on to www.justgiving.com and search for Beggs and Partners 3 Peaks Challenge page.

WHICH? BEST BUY ENDORSEMENT FOR WORCESTER BOSCH

Worcester Bosch has become the first boiler brand to have been awarded the Which? Best Buy endorsement ten times since 2009, enhancing its reputation for reliability and satisfaction following exceptional feedback from both homeowners and engineers once again.

Scores based on engineer recommendation, ease of servicing, fixing a common fault, availability of parts and spares and build quality have seen Worcester Bosch perform exceptionally to achieve Which? Best Buy status for the 10th year.

Carl Arntzen, CEO of Worcester Bosch said, "We are beyond thrilled to be recommended by Which, an independent consumer association that tests and surveys products and services across a range of categories.

"By listening to feedback from customers and installers, we were able to continue to improve and develop new ranges of boilers and it's also great to see that our new, innovative Greenstar Lifestyle boiler range is included in this award.

T: Ray McClay on 07767 432567
www.worcester-bosch.co.uk



DOUBLE QUEEN'S AWARD CELEBRATION

Ideal Boilers welcomed the Queen's representative to its headquarters recently as part of an event to celebrate scooping two 2019 Queen's Awards for Enterprise.



The business was presented with two trophies recognising the outstanding achievements in both innovation and international trade by the Lord Lieutenant of the East Riding of Yorkshire, Dame Susan Cunliffe-Lister.

Ideal Boilers is one of just six companies nationally to win two trophies at this year's awards, which celebrate excellence in four areas: innovation, international trade, sustainable development and promoting opportunity.

www.idealboilers.com



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TO CELEBRATE THE LAUNCH OF THE NEW EVOSTA 3 SMART CIRCULATING PUMP, DAB PUMPS IS GIVING INDUSTRY PROFESSIONALS THE CHANCE TO WIN SOME AMAZING PRIZES...

Join the pump revolution!

To be in with a chance of winning £3,000 IN HOLIDAY VOUCHERS or a 'revolution' t-shirt, entrants simply need to visit www.JoinThePumpRevolution.co.uk. Budding revolutionaries have until 30th November 2019 to enter the competition, with the winners scheduled to be announced in December. The competition coincides with the launch of the new Evosta 3, which is set to revolutionise the pump replacement market. The new pump has been designed to replace any existing circulating pump, thanks to its interchangeable power connector. It also boasts a smart user interface, featuring an illuminated display and sequential button that can be operated

with just the simple push of a finger. This is in addition to IPX5 Water Protection, AISI 304 stainless steel motor casing, airvent plug and energy-efficient inverter. Adam Ferneyhough, Country Director at DAB Pumps, said, "As the new Evosta 3 is the most compact and energy-efficient pump DAB has ever produced, we're excited at the benefits it offers to plumbing and heating engineers." Evosta 3 smart circulating pumps offer outstanding energy performance,



with a smart inverter bringing the Energy Efficiency Index (EEI) to a low ≤ 0.19 . The pumps are available from merchants and stockists nationwide and come with a five-year warranty as standard. www.dabevosta.co.uk www.JoinThePumpRevolution.co.uk



WIN £3,000 worth of holiday vouchers
 Visit: www.JoinThePumpRevolution.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
- Airvent plug
- Simple user interface
- Quick coupling mains plug
- Our lowest energy usage
- IPX5 Water Protection

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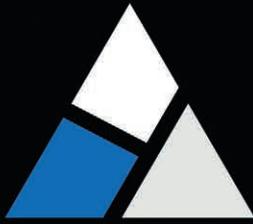


5
YEARS
WARRANTY

EVOSTA 3



www.JoinThePumpRevolution.co.uk



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PLUMBMASTER PUTS
CUSTOMER SERVICE FRONT
AND CENTRE WITH NEW
HEATING SPARES DIVISION...

New spares division heating up the sector

Continuing its drive to remain innovative and to provide customers with the highest levels of service, Plumbmaster has launched Heating Spares, a new spares division for oil and gas heating systems as the brand continues to grow since its launch in March 2016. The heating spares service has already been rolled out across four Plumbmaster branches including Belfast (Duncrue), Ballymena, Newry and Bangor but it's expected that the remaining branches will be fully stocked by the end of the year. "The Plumbmaster brand is very well established so we believe now is the right time to launch our Heating Spares division," said Cheryl Gibbs, Sales Development Manager for Heating Spares. "We have received a lot of feedback from trade customers who would have come to us to buy traditional plumbing products but would have had to go elsewhere for heating spare parts. As a continuation of the customer service we provide, it was felt a spares division was the right thing to do." With so many people opting to have repairs carried out on their boilers instead of replacing them, Heating Spares can cater for that need. "As well as the spare parts we will also stock accompanying products;



Cheryl Gibbs, Sales Development
Manager for Heating Spares.

"The Plumbmaster brand is very well established so we believe now is the right time to launch our Heating Spares division."

for example, if you are servicing your customer's boiler you can get everything you need to complete that operation from our counters." To ensure customers receive the very best service, one fully trained member of staff is on hand at each of the four branches where the new division has been rolled out. "Once the division is rolled out across all branches, we aim to have two members of staff fully trained in each branch." The response that Plumbmaster has received to the new division has been excellent. "We're really happy with customers' reactions. We believe there's a lot of potential to grow this area of the business further, particularly with so many boilers reaching the stage of needing repairs and services." Plumbmaster Director, Eamon McCarthy, said the company is delighted to be bringing another

excellent service to the market. "We plan to specialise and focus on the gas and oil heating spares market. We anticipate it will be a popular service and we are confident we will be able to grow and develop this division. We know it's important to our customers to be able to find the right product at the right price and we are determined to deliver that service." Plumbmaster, which is also offering Anton flue analysers as well as a new annual calibration service, is celebrating the launch of Heating Spares with a very special offer. Customers will receive a free £10 voucher for Love to Shop for every £100 spent on spares during the month of October.

T: 0044 (0)7799 711504
E: heatingspares@plumb-master.com
W: www.plumb-master.com

Branches at: Newry • Bangor • Portadown (Castle Street) • Lisburn
• Belfast (Ladas drive, Balmoral and Duncrue) • Coleraine • Larne
• Ballymena • Enniskillen • www.plumb-master.com

 **Plumbmaster**
PLUMBING & HEATING MERCHANTS



THE BEAST HAS ARRIVED AND IT'S BEAUTIFUL



INTRODUCING THE GREENSTAR 8000 LIFESTYLE RANGE



CHOICE AND DESIGN

Available in black and white for combi and system boilers. Silver flues are also available.



POWER

Outputs up to 50kW for combi and regular models. Max flue lengths up to 17m when run horizontally*.



CONNECTIVITY

Industry first 'RF Key' links the boiler with our new wireless Bosch EasyControl.



INTELLIGENT FILLING SYSTEM

Our new accessory can eliminate the need for your customer to manually refill the boiler.

Model shown Greenstar 8000 Style
* 60/100 for our 30kW variant.

worcester-bosch.co.uk/beautifulbeast
#BeautifulBeast

MARTYN BRIDGES, DIRECTOR OF TECHNICAL COMMUNICATION AND PRODUCT MANAGEMENT AT WORCESTER BOSCH ON IRELAND'S PROPOSED OIL AND GAS BOILER BAN IN NEW BUILD HOMES...

Are we on the right track?

Taking advice from the Committee on Climate Change, in March 2019, Philip Hammond,

presented his Spring Statement at the House of Commons, announcing that gas boilers will be banned from new build homes from 2025.

Following the UK's footsteps, the Republic of Ireland announced in June that it intends to introduce legislation to ban the installation of oil and gas boilers in new build housing by 2022 and 2025 respectively as part of action #60 of its Climate Action Plan.

This ban will be actioned through the introduction of new regulatory standards for home heating systems and ensure that the supply chain for the installation of renewable heating systems is in place.

This adds to a range of incentives in Ireland for electrification of heat, with hydronic heat pumps being amongst the likely key benefactors of the new action.

Decarbonisation has been high on the Government's agenda for a long time now – and it is great to see that industries such as transport have taken an initiative to address the problem.

However, decarbonising heat and hot water is not as simple.

In my personal opinion, banning gas and oil boilers from future new build homes doesn't necessarily help solve the problem, and it most certainly doesn't facilitate decarbonisation. Even if gas and oil-fired boilers are banned from all homes in Ireland and they are fuelled by electricity, to produce the amount of energy needed to power this would be far in excess of what is available from low or zero carbon sources. We frequently see statistics of how much electricity is being generated from renewables however, in the depths of winter this falls significantly and we see the majority coming from gas and



Martyn Bridges, Director of Technical Communication and Product Management.

to a lesser degree, coal-fired power stations.

We all want to reduce the impact on the environment but, selfishly, we all want to ensure that we will be warm and cosy at home at night.

From my point of view, the Irish Government should define the energy performance standard that they want new homes built to and then allow the industry to innovate and deliver technology solutions to deliver those outcomes.

Worcester Bosch is involved with research into hydrogen gas and biofuel as alternative zero-carbon fuel. We have already developed prototype boilers for both hydrogen and biofuel, to prove that they can be part of the solution.

Ultimately, banning gas and oil isn't

the answer to the ongoing issue. We all have to collaborate to find suitable and realistic ways to decarbonise heating and hot water in Ireland. But ruling out future technologies like hydrogen and biofuel for new builds is a step back, not a step forward.

Contact Ray McClay on 0044 (0)7767 432 567 for information on Worcester products or visit www.worcester-bosch.co.uk/professional

“Worcester Bosch is involved with research into hydrogen gas and biofuel as alternative zero-carbon fuel.”

MARK MOGEY, HEAD OF SALES - OEM & IRELAND AT ALTECNIC DISHES THE DIRT ON THE EFFICIENCY OF HEATING SYSTEMS...

Cleaning up



In this disposable world, it's all too easy to advocate replacing an old boiler with a new one when a heating system becomes inefficient. However, if we're serious about reducing scrap and saving the end-user money, it makes sense to adopt a different approach. It isn't necessarily the fault of the boiler if a heating system's performance starts to suffer. Connecting a new boiler to an existing heating system may see improvements in the short-term, but the same inefficiencies will eventually surface.

The seemingly obvious solution to this problem would be to connect all-new radiators to the new boiler, preferably radiators with thermostatically controlled energy-saving

valves and the ability to control temperatures independently in different rooms. Efficiency would be boosted further still if the system included a boiler thermostat and a programmer or timer.

This is certainly a viable solution but there are two key issues here, namely cost and disruption to the end-user as their entire heating system is replaced. However, increasing boiler efficiency and cutting waste can be achieved in a 'third way' by recognising that the heating system may have been struggling for one simple reason that is often overlooked – dirt.

Dirt enters a heating system via corroding radiators or water introduced into the pipework and it can seriously affect the operational efficiency of a boiler

as well as control valves and circulating pumps. This dirt gets moved around the plumbing every time the system switches on and eventually reaches the boiler.

A simple analogy for those advocating a new boiler would be to look at what would happen if a consumer replaced their old car with an expensive new one because of performance issues but took the old model's oil and put it into the brand-new sump. Initial efficiencies would certainly be noted but it would not be long before the dirt that had affected the previous car began to take its toll on the performance of the new model.

We've established that replacing a boiler on its own would be counter-productive and changing an entire heating

Altecnic 551 Series
DISCAL SLIM.

Altecnic Dirtmag Mini.



system financially prohibitive. So what is the answer? How do we retain an existing system but remove the damaging dirt that has accumulated? And how do we stop that dirt from eventually coming back and the problems returning?

The answer is to filter out the dirt – that means all air, dirt and magnetic particles – and dispose of it. With a filter like Altecnic's Dirtmag Mini separation system, which uses a powerful internal magnet, it is possible to isolate magnetic particles as small as 0.05 microns. Non-magnetic particles are collected via a separate self-cleaning mesh unit.

To remove air from the system, the Discal Slim de-aerator is designed for continuous venting of the air that forms

in air conditioning system hydraulic circuits, down to the level of micro-bubbles (gradual and continuous degassing). The de-aerator may be installed on either a vertical or horizontal pipe. The circulation of fully de-aerated water enables equipment to operate under optimum conditions, free from any noise, corrosion, localised overheating or mechanical damage, important for reducing energy demands and ongoing running costs.

These actions could offer substantial protection to the type of valve used in modern systems and extend the working life of any heating system by de-clogging destructive dirt.

Therefore, boosting energy efficiency in homes and businesses does not have to

incur heavy costs for the end-user through replacing entire heating systems, including their boiler. There is another way, a much more cost-effective and straightforward way, which involves minimal disruption. The Dirtmag Mini and Discal Slim are available in a convenient combination pack, offering a complete dirt and air removal solution in one box – Product Code 114-1100.

“The Dirtmag Mini and Discal Slim are available in a convenient combination pack, offering a complete dirt and air removal solution in one box.”

Contact Chris Reilly, Country Manager for Ireland on 00353 (0)85 2152288, E: chris-reilly@altecnic.co.uk or Gary Swann, Northern Ireland Sales Manager on 07760 596727, E: gary.swann@altecnic.co.uk or visit - www.altecnic.co.uk

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2019 COMMUNITIES GRANTS RECIPIENTS ANNOUNCED

The Minister for Communications, Climate Action and Environment, Richard Bruton has announced the 57 successful applicants to the SEAI Communities grant scheme. This scheme will support these communities to deliver energy upgrades to nearly 700 homes and 570 community and commercial buildings. A total of €5million is being provided to fund the proposals put forward by the communities. Minister Bruton visited one of the 2018 grant recipients, St Michael's House Leisure Centre, in Coolock, Dublin. This is part of a larger upgrade project including a number of homes, businesses and public buildings. St Michael's Leisure Centre received a grant of €2,000 towards a renewable heat pump and lighting upgrade. Other examples of projects that will benefit include Waterford County Council which is leading a project that includes libraries, schools, community centres, GAA clubs, shops and farms. They will carry out insulation, heating, lighting and refrigeration upgrades. Wicklow County Council is leading a project in Wicklow and Wexford which will cover a selection of homes, leisure centres, recycling centres, public buildings, a bakery and a hotel. They will carry out upgrades on insulation, heating, lighting, refrigeration, heat recovery and steam generation.



MERCURY LAUNCHES NEW SUSTAINABILITY INITIATIVES



Mercury has launched a number of new sustainability initiatives as part of its mission to focus on the enhancement of development in technology, wellbeing and the built environment. Examples include sustainability committee and work groups and commuting schemes including carpooling, a cycle to work initiative and TaxSaver commuter tickets. Mercury also operates in an increasingly paperless environment, with all documents saved and shared on its secure internal cloud document storage and collaboration solution. The company also uses DocuSign, saving 80,000 sheets of paper being printed every year. New recycling initiatives means all waste paper, toner cartridges, batteries, cardboard and plastic containers are recycled responsibly. Mercury also recently announced a new initiative to remove all single-use coffee and water cups across its office and replace them with multi-use keep cups and water bottles, on average saving over 50,000 cups.

KIRBY EXPANDS INTO MAINLAND EUROPE

Kirby Group Engineering, a mechanical and electrical engineering contractor, has opened an office in the Netherlands as part of its expansion into mainland Europe. Kirby entered the Dutch market in late 2018, a move that's proving very successful for the company. The company provides full mechanical and electrical contracting services as well as specialist high voltage (HV) and medium voltage (MV) design and construction services across Ireland, the UK and mainland Europe. Sectors in which Kirby operates include data centres, life sciences, industrial manufacturing, petrochemical and commercial. Commenting on the new office, which is located in Schiphol, Dave McNamara, Operations Director for Munster and Europe, said, "Opening an office in the Netherlands is a strategic move in our expansion into the Dutch market and wider mainland Europe market. Not only will it support our growth, it will also allow us to best serve our expanding client base in the region."

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CHOOSING THE RIGHT HEATING SOLUTION EVERY TIME TAKES SKILL AND EXPERIENCE. BY FOLLOWING A FEW SIMPLE DO'S AND DON'TS, YOU CAN ACHIEVE THE BEST TOTAL HEATING SOLUTION, SAYS KELLY SMITH, PRODUCT MANAGER FOR MYSON...

The do's and don'ts of selecting the best heating solution

DO thoroughly assess the property

The starting point of any system should be a heat loss calculation, which you can complete online using a resource such as the Myson Heat Loss Calculator. You will need to take into account the dimensions of each room, the age and construction of the property, the size and number of windows, internal and external doors and insulation levels. Once you have all this information, you can calculate a precise heat requirement and begin to consider how best to deliver it.

DO take into account the purpose and usage of each area

Some areas have a particular safety consideration which will have a firm bearing on the selection of heating solution. In facilities used by the young, the elderly or the infirm, you must give special consideration to safety. In NHS properties, you will need to comply with NHS Estates Guidelines, which stipulate a maximum heat emitter surface temperature of 43°C. In Local Authority properties such as schools and care homes, there will also be a clear duty of care to protect service users.

DO consider combining heating products to achieve the optimal solution for each project

In commercial properties, each building will have zones or areas with differing needs. Wide-open spaces like retail floors,



auditoriums and reception areas are ideal for using underfloor heating. This gives the interior designer free rein to interpret their vision for the décor, enabling them to place furniture freely within the space.

DON'T forget to consider smaller areas with limited space

Most commercial properties have other behind-the-scenes functions such as smaller individual offices and catering and maintenance areas. These may need other heating solutions such as radiators or fan convectors. Fan convectors are particularly effective in facilities which have smaller areas such as restaurants and shops, as they can be sited at high level.

DO ask for support and advice

Manufacturers who produce a wide range of products will amass a great deal of expertise, so it makes sense to access this information. The best unbiased advice will come from a manufacturer that offers all the products that you might use to achieve a total heating solution and is not therefore biased towards any one method of heating. At Myson, we receive a large number of requests for help with system design and

technical support. A large percentage of these now concern the use of more than one type of product.

DON'T forget heating valves and electronic controls

Every system needs good valves and controls in order to work efficiently. The use of heating valves such as TRVs can increase efficiency by up to 40% if used correctly, as independently tested by the University of Salford. Modern electronic controls can now give the occupants the ability to control the system via the internet, adjusting system temperatures even when the property is unoccupied, for maximum comfort and efficiency.

DO look for quality and compatibility

Buying all your components from the same manufacturer not only gives you consistent quality of materials and manufacturing standards, but it also ensures that the products you choose will work efficiently together and gives you access technical advice, design services and system/product guarantees.

www.myson.co.uk

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Hamilton Gas Products also offers an unrivalled calibration service for gas installers.

Listening to customers' needs and then reacting is one of the key reasons why the specialist gas products company has proved to be so successful and the accomplishments of the company's Calibration Centre, which opened a number of years ago, is reflective of that attitude.

Hamilton Gas Products is an official calibration centre for leading manufacturers of gas analysers such as Anton and Testo with customers no

longer having to send their analysers to England to be officially calibrated. The Bangor-based gas centre is officially authorised by two of the leading gas analyser manufacturers in

the world – Anton and Testo. Hamilton Gas Products is an Anton Telegan Authorised Service Centre in Northern Ireland, offering a full service and repair facility for the Anton Sprint V flue gas analyser range in the province. The company is also the authorised



calibration centre for Testo in both Northern Ireland and the Republic of Ireland.

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RENOWNED BAD NANA AUTHOR, SOPHY HENN, CREATES NEW BOOK TO BOOST GAS SAFETY AWARENESS AND UNDERSTANDING...

Gas safety confusion puts vulnerable people at risk

Confusion amongst carers about the signs of unsafe gas appliances could be putting vulnerable people at risk. This is according to research released by Gas Safe Register. The findings are particularly worrying as new data from the register reveals that one in five homes in the UK contains unsafe gas appliances such as cookers, fires and boilers.

The research involved people who care for or check in on an elderly or disabled loved one who doesn't live with them. Almost two thirds (61%) of those living in Belfast said safety was a key reason for checking in on their vulnerable loved one. Yet 96% of those surveyed don't know at least one of the crucial signs that a gas appliance is unsafe. Over half (58%) of people in Belfast don't know that a lazy yellow flame on appliances such as cookers is a warning sign. Over three quarters (78%) were unaware that increased condensation inside windows is a red flag, and almost two thirds (65%) didn't know to look out for sooty stains on or around appliances such as cookers. There is also evidence of confusion around the symptoms of carbon monoxide poisoning. Almost half (49%) of respondents didn't know that breathlessness is a symptom, almost a quarter (23%) were unaware that nausea can be a sign of poisoning, and a quarter (25%) were unaware that headaches can mean an appliance is emitting carbon monoxide. The survey also revealed the extent to which vulnerable people may not be protected by an audible carbon monoxide alarm. A quarter (25%) of



those surveyed said they weren't sure if the person they care for has an audible carbon monoxide alarm and, more worryingly, over a fifth (22%) said they know their loved one doesn't have one. This Gas Safety Week (16-22 September 2019), Gas Safe Register – the UK's official registration body for gas engineers and gas businesses – is urging people to protect themselves and their loved ones by familiarising themselves with the signs and symptoms of unsafe gas appliances.

THE KEY SIGNS ARE:

- Floppy yellow or orange flames on gas appliances, such as cookers, instead of a bright blue one
- Increased condensation inside windows
- The pilot light repeatedly going out or the boiler fails to light
- Black or sooty marks on or around your gas appliances
- Feeling unwell – the six main symptoms of carbon monoxide poisoning are: headaches, dizziness, nausea, breathlessness, collapse and loss of consciousness.

To help raise awareness, the register has partnered with best-selling children's author, Sophy Henn, to create a short story based on the original 'Bad Nana' series - Bad Nana:

Better Gas Safe Than Sorry. The book sees Jeanie aged seven and three-quarters, and her annoying little brother Jack help her nan (aka Bad Nana) save a neighbour from carbon monoxide poisoning, after spotting the signs and symptoms. The book's aim is to bring the issue to the attention of families and the people they care for, all delivered with Sophy's signature dose of fun.

Jonathan Samuel, Chief Executive, Gas Safe Register said "Those who look after others care deeply about their safety and wellbeing and feel a lot of responsibility. We don't want to add to the list of things to worry about, but we want to raise awareness of the signs of unsafe appliances. Unsafe appliances can be deadly, and knowing the warning signs can protect you and your loved ones from harm."

Gas Safe Register is the official list of gas businesses who are registered to work safely and legally on boilers, cookers, fires and all other gas appliances. By law, all gas engineers must be on the Gas Safe Register.

The Better Gas Safe Than Sorry book is available online at bit.ly/Gas-Safe-Story along with further information about gas safety and details of how to ensure the gas work on your home is safe.

www.gassafetyweek.co.uk

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The comprehensive De Dietrich MPX range offers customers unrivalled high performance, from 3.7 to 31kW and includes compact system versions and combination solutions with micro accumulation (width 400 mm). A version with an integrated tank (width 600 mm) is also available, along with three combination versions with micro accumulation – MPX 20/24 MI Compact, MPX 24/28 MI Compact and MPX 28/33 MI Compact. The MPX range boasts several attractive features including a 4-pipe connection system which allows two pipes for the flow and return to the heating system and an optional two pipes, dedicated for the flow and return to the DHW cylinder, a stainless steel exchanger, a large LCD display, brass hydroblock, a GCO combustion control system, and power modulation from one to seven. A 7-litre expansion vessel is available on the system version and MI while a 10-litre expansion

vessel is available on the BIC version. A DHW solution across the range offers a high level of comfort to meet all requirements, while a control system with boost mode maintains the plate heat exchanger temperature. The compact MPX 24 can be connected to independent tanks and the 80-litre BMR 80 (wallmounted) and the 130-litre SR 130 (floor-standing). The new MPX range is extremely easy to use thanks to dedicated and independent push buttons to set the water and heating temperatures. It also features a digital control panel with backlit LCD display which allows the functioning parameters to be set clearly and simply. For the home-owner, savings can be made thanks to an outside sensor as well as a room thermostat, while a modulating programmable room thermostat adapts the boiler output to installation needs. Hevac states that new range

is compliant with the upcoming 2018 requirement from the eco-design directive. A stainless steel cylindrical burner allows for low NOx combustion while the sound insulation in the boiler casing makes for a much quieter system.

The MPX boiler also

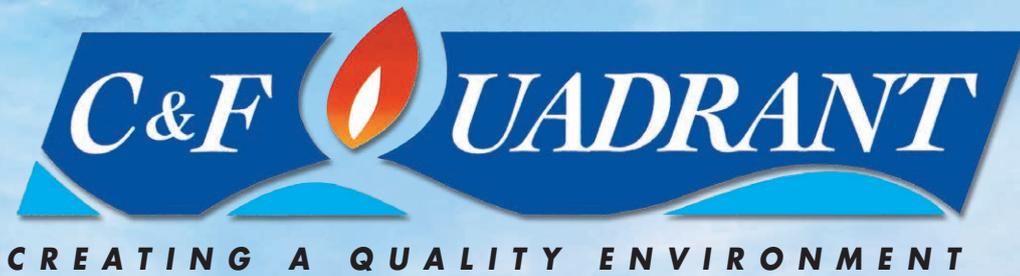


features a GCO (Gas Combustion Optimiser) system, an electronic control system for the gas valve which provides automatic control of combustion quality. This ensures the precision of combustion is maintained, guaranteeing optimal boiler performance at all times. It also controls CO and so helps avoid the risk of intoxication. For the installer, mounting templates are provided which include drilling holes for the mounting rail and terminal strip along with positioning of the hydraulic unions and flue system. The terminal strip is neatly integrated under the boiler and piping can be boxed in as an option. Optional accessories include a valve block, brass valves and built-in, accessible filters. The boiler is also supplied with a drain kit to connect condensate run-off/valve/disconnector.

The MPX range is the ideal choice of boiler for either a replacement or a new option. Installers can be assured of problem-free installation of the boiler in any location.

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ANDY GREEN, SALES MANAGER FLAMEFAST UK LTD, AND MICHAEL CLARKE C&F QUADRANT, TALK TO PLUMBING & HEATING MAGAZINE ON THE IMPORTANCE OF MAINTAINING GAS DETECTION SYSTEMS...

Can you afford not to maintain your Gas Detection System?

Most gas detection systems are simply installed and then forgotten about, and any suggestion that regular checks and calibrations are a strict requirement are often frowned upon. All fire alarm systems are maintained without fail due to them being a 'life safety system' and gas detection system are no different, however often the gases being monitored cannot be detected by the human nose, and when they can it may well be too late, so why the stigma? Whilst some sensors claim to be 'low-drift' or 'maintenance free', this is usually far from the case or the term is used/taken out of context. The basic principles of the various sensor technologies mean that they are prone to deterioration over time and require regular maintenance to ensure they are operating effectively.

If we take electro-chemical cells as an example, these are typically used for the monitoring of toxic gases such as Carbon Monoxide, and contain a chemical compound that reacts with the target gas. Due to this principle, most toxic sensors will not deviate from Zero and as a result are advertised as 'low-drift'. However, the zero drift is not the issue!

The primary cause for concern is how the sensor responds when the target has is present. The deterioration of most sensing elements is measured by their output sensitivity and most sensing elements will see a reduction in signal strength of 5-10% per year (as quoted by the manufacturer). This means that the sensor could see a drop in signal strength of approximately 10-20% over two years or 25-40% over five years. The result could be that even if the sensor is exposed to the target gas it may never reach the required



“All gas sensors should also be ‘bump’ tested on a regular basis, which involves applying a test gas to verify that the sensors are alarming correctly.”

alarm level, or if the compound has completely deteriorated or ‘dried up’ it will not respond at all.

Whilst these deterioration figures may be more on the extreme end, they are all quoted as typical figures in ‘clean air’ and other factors must be taken into consideration, such as what the sensors are exposed to. If the sensor is exposed to the target gas the compound depletes more quickly and following a major leak or alarm it is recommended that the sensors be replaced. Solvents can also have a negative effect on the sensors.

It is for all of these reasons that gas sensors must be calibrated at least annually. This is done by applying a sensor specific gas at a known concentration and using it to compensate for sensor deterioration. All gas sensors should also be ‘bump’ tested on a regular basis, which involves applying a test gas to verify

that the sensors are alarming correctly. Whilst some sensors may be factory calibrated they should also be bump tested as minimum to ensure that the sensors have not been damaged during transit or installation.

C&F Quadrant is the distributor of Flamefast products, and the company has already supplied and commissioned Flamefast detection systems to a number of projects across Northern Ireland. Based in Belfast, C&F Quadrant have their own dedicated gas detection engineers who are Electrically and Gas Safe qualified, and currently maintain 2000 plus panels per year including plant rooms, commercial kitchens and specialist laboratory sectors.

If you would like to discuss your maintenance requirements then please get in touch.

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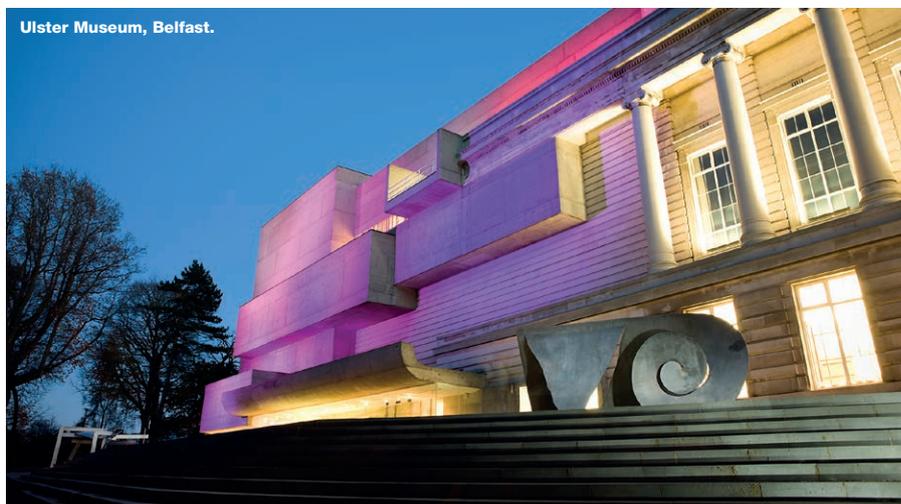
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ELCO HEATING SOLUTIONS BRINGS MODERN HEATING TO ULSTER MUSEUM...

Rare artefacts protected following boiler upgrade

ELCO Heating Solutions (ELCO) has supplied four 200kW TRIGON® XL gas condensing boilers to Ulster Museum, Belfast. The new boilers, which replaced four ageing cast-iron units, are providing highly efficient heating and hot water to the entire property. ELCO's agent for Northern Ireland (NI), Sermet (NI) Ltd, completed the boiler replacement and commissioning over two phases to maintain heating and hot water services throughout the project, while reducing disruption for staff and visitors.

One of the major challenges involved access to the basement plant room, which could only be entered via a ladder staircase or a small service lift measuring less than one square metre. This restriction made the TRIGON® XL the perfect boiler for the project, thanks to its ingenious modular build. This design feature allowed Sermet's installation team to disassemble the boilers into their component parts at ground level and subsequently transport them to the basement in the small service lift.



The new boilers have been connected to the existing system, with the addition of a low loss header to provide hydraulic separation of the primary and secondary circuit. This approach is helping to regulate the heating system's flow rates and pressures, which will ultimately maintain the boilers' high efficiencies and performance levels over their lifetime. Furthermore, each unit has been connected to the Building Management System (BMS), which utilises the boilers' built-in cascade controls, ensuring they operate at the required set point and modulate accordingly.

The specification was created by the Construction and Procurement Delivery (CPD) department for NI, which has a remit to help clients across NI deliver successful projects. Commenting on the specification, lead engineer, Bernadette Cassidy, said: "We identified specific design requirements for the replacement units, including ultra-low NOx emissions, seasonal efficiencies greater than 97%, a flexible boiler design and a heat exchanger constructed entirely from stainless steel."

Other aspects identified within the new specification included the upgrade of the circulating pumps for adaptive flow rates, extra insulation to all pipework to reduce heat loss and new controls that could be monitored remotely by the local premises team.

Commenting on the project, Andrew Boyd, Sermet (NI) Ltd, said: "As soon as we saw the specification for this project, we knew our tender would include the floor-standing TRIGON® XL boilers, given their superb efficiencies and unique modular design. There are very few boilers that can deliver the same combination of performance and efficiencies, alongside the high levels of flexibility on site."

Available in seven different models with outputs from 150-570kW, the TRIGON® XL range offers a wealth of benefits, including: ultra-low NOx emissions complying with class 6 (2018) requirements, an 8 bar working pressure, 30k flow/return temperature differential, superb seasonal efficiencies and an ultra-compact footprint.

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BOILER INSTALLERS HAVE BEEN GIVEN EVERYTHING THEY ASKED FOR WITH THE LAUNCH OF THE NEW BAXI 800 IN SEPTEMBER. THE NEW RANGE COMPLETES THE COMPANY'S COLLECTION OF BOILERS...

Baxi 800 gives installers what they want

Designed to meet the changing needs of consumers, the range consists of the Baxi 825 Combi, Baxi 830 Combi, Baxi 836 Combi, Baxi 818 System and the Baxi 824 System. Each boiler has a central flue and comes with a 10-year parts and labour warranty, so that installers can give their customers complete peace of mind. Each boiler comes with a compact Adey Magnaclean Micro2 magnet system filter to protect the heating system, and further reassure customers.

The boilers are compact and lightweight, and are built with tough brass hydraulics. Each boiler benefits from an OpenTherm interface so it can be controlled using a smartphone or tablet. The boilers have a simple hanging bracket, an optional stand-off frame for discreet installation, and are compact cupboard fit.

Many accessories are available to complement the range, including a rear pipework kit, extensive range of flues and accessories for versatile siting, IFOS in-flue weather sensors for easy compliance with Boiler Plus and the uSense smart control. David Cook, Sales Director at Baxi Heating, comments: "The new Baxi 800 range is straightforward to install, reliable and easy to maintain. It was designed with installers in mind, with the features they told us they prefer, such as brass hydraulics. The 10-year warranty and magnetic filter mean they can offer their customers the complete package."

To celebrate these great new boilers,



Baxi is also giving installers who are members of the Baxi Works loyalty scheme £300 cashback for every three boilers from the Baxi 800 or Baxi 600 range that they register on Baxi Works from 2 September to 2 December 2019. That's £300 for every three eligible boilers, £600 for six boilers, £900 for nine boilers etc. And Baxi will pay the cash straight into the installer's bank account, so they can spend it on whatever you choose!

In addition, each boiler registered will automatically be entered into the Baxi Bonanza for a chance to win one of 800 special prizes! Baxi will call the randomly picked winners every Friday until 28 November to let them know to watch out for a special delivery! Find out more <https://www.baxi.co.uk/trade/baxters-blog/baxis-best-ever-cashback-offer>

Your Baxi representative for NI is Sharon English,
T: 07966 585 902

E: sharon.english@baxi.co.uk

***Baxi 800 is not available in ROI.**



Sharon English with customers at the launch of the Baxi 800 in Beggs and Partners, Belfast.

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Ireland rugby captain and new Flogas brand ambassador, Rory Best pictured with Flogas Managing Director, John Rooney.

IRELAND RUGBY CAPTAIN CONFIRMS TWO-YEAR PARTNERSHIP...

Rory Best revealed as new Flogas brand ambassador

Ireland rugby captain, Rory Best is the new brand ambassador for Flogas, the all-Ireland energy company. The partnership was announced last month at Carton House, Maynooth as Ireland continued their preparations for the Rugby World Cup.

It marks the beginning of a two-year partnership between Flogas and Rory, who will be supporting the upcoming Flogas Home Heating Campaign for 2019-20.

Commenting on the announcement, John Rooney, Managing Director, Flogas, said, "Rory is a fantastic sporting ambassador, and we're delighted to have him on the Flogas Ambassador team. We're looking forward to working with Rory over the next two years.

"Success at the Rugby World Cup would surely cap off a wonderful year of Irish individual and team sporting achievements. We wish him and the rest of the team the very best of luck in Japan. Here's hoping they keep us

glued to our seats from now until the Final in November!" continued John Rooney.

Commenting on the team's prospects in Japan next month, Rory said "Pre-season training has gone really well, so as a group we are happy with how we feel mentally and physically. We will continue to work hard during the warm-up games and prepare fully, to give ourselves the best chance possible in the tournament."

Rory has recently converted his home from oil to Flogas LPG and he said, "I'm very pleased to represent Flogas as a brand ambassador, as it's a well-established company that I've been very familiar with for years. I'm happy to have made the switch to Flogas LPG in my own home."

Established in 1977, Flogas employs 200 people at its Drogheda, Belfast and Cork offices. It also operates three large sea terminals at those locations as well as a land-based terminal in Mayo. The energy company is one of the leading suppliers

of LPG, natural gas and electricity in Ireland and Northern Ireland.

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Grant Solo fan convector radiator.

PROVIDING PROPERTIES WITH FULLY-INTEGRATED MULTIPLE PACKAGE HEATING SOLUTIONS...

One-stop-shop solution from Grant

Heating technology manufacturer Grant is giving installers working on new build projects the opportunity to have the properties' entire heating requirements designed, quoted and supplied under one roof with its fully integrated multiple package heating solution offering. Combining a growing product portfolio with the specialist knowledge of its technical team, Grant's latest offering champions a straightforward and time-saving approach to the identification of a property's heating requirements. It brings together multiple technologies which complement one another in operation to help end users unlock a

new level of efficiency for their heating system and achieve greater long-term savings on annual heating bills. With over 40 years of championing innovation, quality, exceptional performance and reliability, Grant has built an extensive product offering including award-winning condensing oil boilers, highly-efficient air source heat pumps, hot water cylinders and high-quality heat emitters. Products from Grant's portfolio are selected to feature within the free of charge multiple package offering, which can provide the full heating solution to properties based on their requirements. With an increased focus on integrating

more sustainable forms of home heating into properties throughout Ireland, Grant's Aerona³ air source heat pump range has grown significantly in popularity over recent years and is an important element in the multiple package offering. Grant's existing air source heat pumps have now been replaced by the A+++ Grant Aerona³ R32 air source heat pump range which surpasses efficiency outputs and environmental benefits traditionally associated with heat pumps. The introduction of R32 refrigerant, which has a substantially lower global warming potential than other typical



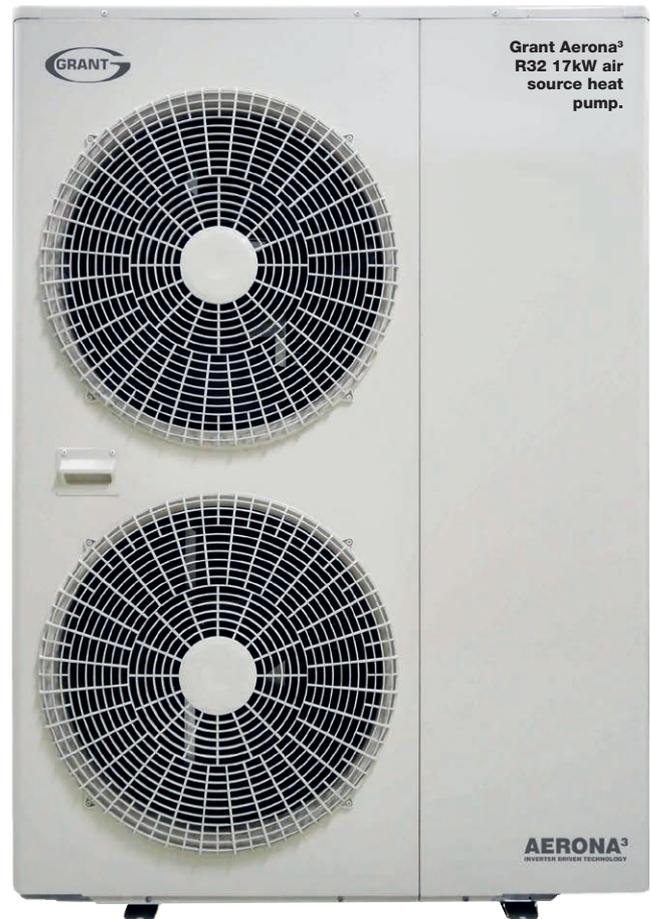
“Grant's latest offering champions a straightforward and time-saving approach.”

heat pump refrigerants, meets upcoming legislative requirements outlined in the 2014 EU Greenhouse Gas (F-Gas) Regulations and positions the Grant Aeronas³ R32 range as a premium choice for those wishing to futureproof a property. Available in outputs of 6kW, 10kW, 13kW and 17kW, the Grant Aeronas³ range can help end users achieve Part L compliance as outlined in building regulations in the Republic of Ireland and has several intelligent features including greater operating efficiencies at lower external temperatures, larger outputs to match the type of property encountered and reduced operational noise levels. Suitable for a variety of properties and install situations, each model within the range operates using basic thermodynamic principles and converts thermal energy in the surrounding atmosphere into heat energy. Grant's Monowave and Duowave stainless steel hot water cylinders have been designed specifically to complement units within the Aeronas³ R32 range and feature a larger primary coil for faster heat transference and compression fittings which are strategically located to offer a straightforward installation. Completing a property's full heating system, the Grant team can identify suitable products from their extensive heat emitter offering which work effectively with the low temperature operation of a

Grant Aeronas³ air source heat pump. Introduced to the market a year ago, the Grant Solo fan convector radiator range is a popular choice. It comprises three models including the wall-mounted Solo Compact, the Solo CompactMAX and the space saving plinth heater, the Solo Hideaway. Each model delivers faster rates of convection compared to conventional radiators, producing more output per unit area and requiring no warm-up time, which in turn means they will operate for shorter periods of time and consume low amounts of energy.

Also featured within Grant's heat emitter offering is the Grant Afinia aluminium radiator range which combines functionality with aesthetics to deliver an effective pairing for both traditional and renewable heating systems. With versatility at the core of its design, units in the Grant Afinia range are available from 6-20 panels as either vertical or standard radiators to ensure they meet the needs of any install situation. With excellent thermal conductivity associated with aluminium, the radiators can heat up and cool down rapidly and have a low energy consumption which can help reduce energy bills. Grant also provide full specifications for underfloor heating which can be easily integrated with both new and existing heating systems.

To avail of Grant's fully-integrated multiple package heating solution offering, email the new build project plans to heatpump@grantengineering.ie.



"Available in outputs of 6kW, 10kW, 13kW and 17kW, the Grant Aeronas³ range can help end users achieve Part L compliance."

Product Spotlight ...

GRANT AERONAS³ R32 AIR SOURCE HEAT PUMP

- DC Inverter driven
- MCS approved
- 6kW-17kW heat output
- R32 Refrigerant
- In built weather compensation
- A+++ ErP Rating
- 13kW and 17kW models received Quiet Mark
- Compact Size
- Single Phase
- Superior seasonal coefficient of performance (SCOP) at low temperatures
- 5-year warranty
- Complies with Part L of building regulations in the Republic of Ireland

Contact the Grant Technical Team:

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The new Thermoparts trade counter at Riverview Business Park.

THERMOPARTS IS A COMPANY THAT'S AT THE TOP OF ITS GAME. GLENN CLABBY, MANAGING DIRECTOR, EXPLAINS WHY...

A driving ambition

Thermoparts Heating and Plumbing Supplies is celebrating its successful expansion and move to larger premises. Providing a vast range of innovative heating and plumbing products to the Dublin area and now nationwide, the company is located in the Riverview Business Park, Clondalkin, just a short drive from Tallaght, Swords, Finglas,

Blanchardstown and easily accessible from the commuter belt. Thermoparts was founded in 2011, right in the middle of the last recession. The company has recently moved from inside the business park to occupy a prominent street front position. The new premises are over twice the size as the previous building. "The reason for the move was that we needed more room. The

old place became impractical. I always had this vision of a bright, open airy white space that's not intimidating and where customers receive the highest standard of service. The new premises are welcoming, bright and modern and fulfil that vision I had." As well as expanding its base of operations, Thermoparts is investing in the growth and expansion of the business. "Last year, we invested in a second, flatbed lorry, so we're now able to deliver piping around the city and Leinster in a much safer manner. Due to health and safety considerations, you're not allowed to have people getting up on the roofs of vans. A flatbed lorry is what

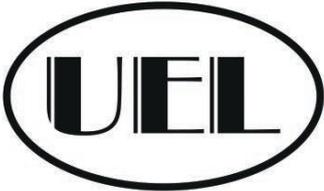
"The new premises is welcoming, bright and modern and fulfils that vision I had."



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Thermoparts organising the delivery of piping using the new flat bed lorry.

was required, so we made the investment.”

Thermoparts supplies a huge range of heating and plumbing products, including gas and oil boilers, radiators, heating accessories, brackets, chrome, copper, instantor fitting, microbore, PVC waste and Qualpex pipes. The company supplies an exceptional range of bathroom suites, showers, baths and a variety of other bathroom supplies to the public.

Thermoparts is going from strength to strength and the change to larger premises is reflected in the expansion of sales. Having previously

focused on the Dublin market and surrounds, the company now supplies products for projects all over the country. “We’ve succeeded in getting a number of very large scale projects in the last two years that are ongoing. Right now, we’re doing a number of data centres, colleges and hospitals nationwide. We did all the mechanical for the Titanic Hotel in Belfast, and supplied a number of pharmaceutical projects in Leinster.”

The expansion in business means a jump in sales. “Last year seen an increase that indicates no plateau in growth

and this year so far, looks like it will be our highest turnover yet”

The company prides itself on the sustained service it provides to customers. “The company started on service and I haven’t wavered from that,” said Glenn. “There is a niche in the market, even today, for service. It’s not rocket science; if you liaise with your client to help get the project across the line, it works. After so many years in the business, we’re known now for our excellent, unparalleled service. If you ring Thermoparts, the product is guaranteed to arrive on site.

Our customers know that they don’t have to ask us twice.” Asked what the secret of the company’s success is, Glenn said: “I think it’s down to a number of factors. It’s a combination of time – we’re eight and a half years on the go – and effort. Our attention to

“If you ring Thermoparts, the product is guaranteed to arrive on site. Our customers know that they don’t have to ask us twice.”



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Glenn Clabby, Managing Director and his team provide a consistently superior service.



customer service is second to none. We don't tell people that we can't source a product for them, we tell them we can get it. We might get off the phone and say, where are we going to find that, but we always get it in the end. Also, we're out in the front of the estate now so we get a lot of passing trade."

The experienced team in Thermoparts provides a consistently superior service. With a focus on continuous in-house training so that staff keep up to date with the latest developments in plumbing and heating technologies, staff at Thermoparts are on hand to

advise customers and source the best plumbing and heating products for their needs. "Our clientele is so varied that we do everything from renewable energy products to basic compression fittings and bathroom suites," says Glenn. "We're a heating and plumbing merchant but we're also a procurement company. We are the source for all the clients needs."

Asked about the risks posed by Brexit, Glenn said: "Our strategy is that we have sourced where our materials come from, we've asked our suppliers how they are getting

goods from one location to another and we've asked them if they've increased their stock level. We're not going to break our chain of supply and our stock levels have increased by about 20% since March. It would be our intention that we wouldn't have any break in the supply chain. We will still deliver, even in the face of uncertainty."

The future is looking good for Thermoparts. "Lads might say to me, it's not possible to maintain the same gusto that you had at the start. That struck a chord with me; why can't I have the same enthusiasm that I did 10 years ago? For some, it might be all about survival and that's it, but not for me. I have a very real, genuine interest in this industry. I love it and I think that passion shines through. That's the reason for our continued growth."



"Staff at Thermoparts are on hand to advise customers and source the best plumbing and heating products for their needs."

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NEW PRODUCT TESTING AND R&D FACILITY DEVELOPED AT SONAS HQ...

Building on a solid reputation

Providing qualified technical after sales support has always been a key pillar of the service proposition from SONAS Bathrooms. The company has built a strong reputation in the industry for providing retailers, installers and consumers with quality products that are specifically designed and suitable for use in both residential and commercial applications.

As part of the recent relocation to its new HQ, SONAS has created a state-of-the-art modern distribution facility along with an impressive 4,000 sq ft product showroom to showcase its significant product

testing and performance demonstration area was the final string to the bow in what we wanted to achieve for our HQ," said Richard Sloan, Managing Director.

The company employ a dedicated technical after sales team comprising in-house qualified plumbers, a mobile service engineer for on-site call outs and a specialist administrator to coordinate all after sales queries. The team is on hand to respond to all manner of enquiries, from advice on installation to investigating product performance issues. Every query that gets processed through the technical after sales team is handled using a ticketing software system that is managed by the customer service administrator. "Once a ticket is raised, the qualified personnel will investigate the query in order to diagnose the problem and then provide a resolution," added Richard.

Ongoing quality control and product development is another key element for the technical team who work closely with the company's Head of Product Development, Ger Fahy. "The company's ethos is to trust and verify,



Pictured left to right are Gavin McGarry, Carol Murray and Fran Brown, Sonas Bathrooms.

"The company's ethos is to trust and verify, so no decision to launch a product will be taken without the in-house technical team giving the go ahead."

so no decision to launch a product will be taken without the in-house technical team giving the go ahead," said Ger Fahy. "Developing the necessary infrastructure was crucial in order for SONAS to ensure that the products we offer are designed and manufactured to the appropriate quality and performance standards. As part of the product development process, we take the installer into consideration as they are such an important stakeholder in the whole process. Providing a product that they can install easily and service with available spare parts is as equally important as getting the aesthetics or the price points right."

SONAS also places a lot of emphasis on supporting its retail customers. The company has been offering product features and benefits training to customers as part of its Retail Customer Workshops since the beginning of 2018. "Having the capability to demonstrate how taps,

showers and flushing mechanisms operate under different pressure conditions will further add to the customer's experience when they participate in our workshops, giving them confidence in the products we offer," said Richard.

As a leading supplier to the bathroom industry, SONAS welcomes all stakeholders for a tour of its facility. "Retailers, specifiers, installers and consumers are all welcome to visit our HQ, to view our display, our testing area, a tour of the premises and most importantly, meet our team," said concluded Richard.

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Dolocast - Liberating creativity

According to MyLife Bathrooms, products made of DOLOCAST offer a unique appearance.

The material gives design flexibility that goes beyond possibilities of all traditional materials. Derived from nature, the main ingredient in DOLOCAST is dolomite. Dolomite is composed of calcium magnesium carbonate, $\text{CaMg}(\text{CO}_3)_2$ which was formed over 250 million years ago when the Earth witnessed increased volcanic activity. Dolomite sedimentary rocks were covered by layers of magma. High temperatures and enormous pressures recrystallised original minerals and due to metamorphic processes, the dolomite marble gained a beautiful look and hardness.

Today, raw materials are sourced from carefully selected certified mines located in EU. The rocks are then milled and purified. The outer layer of a product is made of nanocoat which consists of hardened resin with pigment and particles of quartz. It determines the final gloss and smoothness of the surface. DOLOCAST is a material that liberates creativity. Its extraordinary properties allow for unlimited design possibilities.



Dolocast freestanding bath Daria.



The material's innovative structure gives freedom of form, therefore countless designs are available. Its unique structure enables dolomite stone to attain a whole new level of durability in the bathroom. Products remain in a brand-new condition for many years.

DOLOCAST is precise by its very

nature. The material enables an extensive range of shapes to be created that frees up the imagination of designers. It also allows for exceptional acoustic absorption. This feature comes from high particle density contained in the material which prevents the sound of water striking a surface and so improves living comfort and convenience of use significantly.

Baths and basins made from DOLOCAST are pleasant to the touch and have a smooth finish. They are resistant to even the most extreme conditions due to the inherent strength of the nanocoat surface. They also maintain an optimal temperature for a long time, are always warm to the touch and provide unprecedented comfort in the bathroom.

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Christopher Hackett,
Managing Director of
Classic Marble Showers
Limited interviews Paul and Julie,
who are one of the first customers
to have a SENSTEC Anti Slip
shower tray installed in their own
home.

Christopher: Before we begin, the world is full of sceptics and fake reviews. For the purpose of this interview can you both confirm that you are in no way connected with Classic Marble, or any of our employees?

Paul - No one is more sceptical than me! To confirm, neither of us knew anything about you or your business.

C - How long have you lived here?

P - We moved in nine months ago, with the youngest of our children starting University in October and





Paul and Julie, one of the first customers to have a SENSTEC Anti Slip shower tray installed in their home.

having not long retired, it was the right time to downsize.

C - What made you decide to use a SENSTEC tray?

Julie - Once we became aware of your product it was an exceptionally easy decision to make. Shower trays are notoriously slippery and what you had developed seemed to me to be long overdue. Anyone who gets help from the aerospace tooling industry to develop their product and gets help from the University of Ulster for user experience feedback, in my opinion, had something really special.

C - How long have you had the tray installed?

P - I finished the installation at the start of May, so just over four months.

C - Did the SENSTEC tray meet your expectations?

J - Absolutely and then some. Paul and I love it, we both feel exceptionally safe when we shower and the comfort is truly amazing. Both of us will never

grow tired of massaging our feet on the dimples!

C - How do you find the cleaning of the tray?

P - Cleaning is no issue at all. Another benefit. Since retiring we have been able to do a bit of travelling and I have noticed some of the textured trays in hotels looking grubby. This is not the case with your tray - it is as clean as the day I fitted it. We clean it the same as the other trays in the house.

C - So to wrap up - in a few words, how would you summarise SENSTEC?

P - A few words can't give it justice, it is a wonderful product, I can't praise it highly enough or recommend it strongly enough. I really hope that this helps you get the message out of how wonderful and potentially industry changing that SENSTEC is.

C - Thank you Paul and Julie, I really appreciate your time and feedback and for allowing me into your beautiful home.

A world leading, precision engineered, anti-slip shower tray, SENSTEC is the result of three years research and development, utilising the aerospace tooling industry and the Podiatry Department at The University of Ulster.

Classic Marble (Showers) Ltd has created an anti-slip shower tray which, when tested to both BS 7976-2:2002 and Din 51097, is placed into the lowest slip potential categories possible. It is also exceptionally comfortable to stand on and most importantly, easily cleaned. There are no limitations on use and the inbuilt anti-slip properties have no impact on the guarantee of the shower tray. Every tray includes an inbuilt microchip. The data held in the chip links back to every aspect of the manufacturing process for complete traceability, giving the supply chain unwavering confidence in the quality of the company's systems, processes and products.

Classic Marble (Showers) Ltd has been designing and manufacturing shower trays since 1983. The company operates its manufacturing and supply operations to both BS EN ISO 9001 Quality Management System and BS EN ISO 14001 Environmental Standards. Only the highest quality raw materials available on the market are used by the company across its entire portfolio of products.



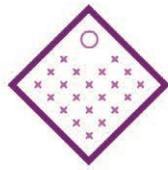
SENSTEC
ANTI SLIP SHOWER TRAY

T: 0044 (0) 28 8556 8081

E: christopher@classic-marble.com

W: www.senstecshowertray.com

P R E C I S I O N E N G I N E E R E D



SENSTEC

ANTI SLIP SHOWER TRAY



CASE STUDY

DROMOLAND CASTLE

Co. Clare, Ireland

World Leading, Precision Engineered Anti-Slip Shower Trays



September 2019

We have recently completed a €20 million refurbishment of the entire hotel here at Dromoland Castle. Months of research was required to choose products that would be both sustainable & enhance our five-star experience. We consulted with Christopher Hackett from Classic Marble Showers Ltd for our bathroom requirements. In particular we must give specific mention to the SENSTEC shower tray which has proved to be a revelation - it has a unique anti-slip feature which is invaluable from a health & safety perspective. It has an exceptionally clean, elegant finish and is luxurious to use. Our housekeeping team have found them very easy to maintain using our eco-friendly cleaning products. Guest feedback has been very positive to our new look bathrooms. Christopher has overseen the project and offered excellent personal follow up.

We are delighted to have the wonderful SENSTEC shower tray installed here at Dromoland Castle Hotel.

Caroline Dudley
Accommodation Manager

Noreen Fetton
Rooms Division Manager

www.dromoland.ie
00353 61 368144

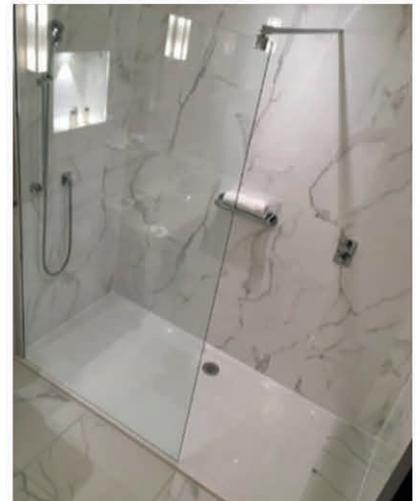
DATE OF INSTALLATION

April, 2019

PRODUCTS

1700x900mm x18

1800x900mm x6



www.senstecshowertray.com

185 Omagh Road, Garvaghey, Dungannon, Co.Tyrone, N.Ireland BT70 2AL

Tel: +44(0)28 85568081 Fax: +44 (0)28 85568082 email: info@classic-marble.com

ISO 9001 & ISO 14001 Registered Company. Company Registration No. NI 27517

IRELAND'S
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UNVEILING
THE WINNERS AT
IRELAND'S PLUMBING
& HEATING AWARDS 2019...



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GALA EVENING

IRELAND'S PLUMBING & HEATING AWARDS WAS A CELEBRATION OF THE EXCELLENCE WHICH EXISTS THROUGHOUT THE INDUSTRY...

A night to celebrate excellence within the industry

Hosted by Ireland's Plumbing & Heating Magazine and sponsored by Calor Gas, the gala awards ceremony took place on Friday September 13 at the Citywest Hotel, Saggart, Dublin.

The awards paid tribute to those who are blazing a trail in the plumbing and heating industry right across Ireland – from those who are starting out as apprentices to individuals who are at the very top of their game and those who have given a lifetime's service to the industry.

The judging team consisted of, Head Judge, Michael O'Brien who has 46 years' experience in the industry and is the former purchasing director of The Heat Merchants Group. Joe Ward is another industry expert with great experience. Joe founded Ashwood Heating back in 1998. Sean McBride also brought great experience to the judging process having worked both at home and in England. He is now helping to raise standards across the industry with OFTEC Ireland.

Compere for the evening was actress and comedian, Deirdre O'Kane and the nominated charity was Focus Ireland, a charity which works across the country to combat the homelessness crisis which is currently gripping the nation.

One of the most poignant moments of the evening came when former Hevac boss, John English was recognised for his

great contribution to the industry with a posthumous Overall Achievement award. Mr English's widow, Martha received the award on her late husband's behalf as those gathered gave a standing ovation for a man who was universally liked and respected throughout the industry. Ireland's Plumbing & Heating Magazine, Publication Manager, Jacqui Fairley thanked everyone for their support of the awards. "We are very proud to host Ireland's Plumbing & Heating Awards," said Jacqui. "It was very encouraging to see such strong competition in the Apprentice of the Year category – this is a real indication that the industry will be in safe hands in the future. "Indeed there was fantastic competition across the 15 categories which shows that this industry is operating at a very high level right across the country, from small businesses right through to major employers. It was also very fitting to be able to recognise John English with the Overall Achievement award and we were very proud to invite Martha English to the stage to receive the award on her late husband's behalf."

"The awards paid tribute to those who are blazing a trail in the plumbing and heating industry right across Ireland."



Ray McClay, Worcester Bosch with Noel Healy and Paula Cosgrove.



Glenn and Suzanne Clabby from Thermoparts with Michael and Marie O'Brien.



Riverside Mechanical's Keith Crilly, Keith Walsh, Marcus Sutcliffe, Joseph Kenny and Victor Santos.



Andrew Wallace, Christopher and Stephen Hackett from Classic Marble with Andy Rice.



Greenline Plumbing Supplies' Ray and Michelle Purfield with Donal and Sarah Reilly.



From SC Plumbing & Heating, Mark Reilly, Darren Church, Stephen Clancy, Aiden Foy, Luke Kelly and Andrew Clancy.



From Altecnic Ltd, Mark and Zoe Mogeey (centre) with Darren and Louise Shaw, Natalie Foulke and guests.



Mark Fitzgerald, Brendan Kearns and Colm Mallon from Designer Group.



Alan Watters Heating & Plumbing - Christy Brown, Siobhan and Michelle Watters, Sara and Kevin Byrne with Sean Early.



PTS Ireland - Ken and Pauline Kinkead with Jackie and Colette Lynch, Phillip and Claire Kirkpatrick, Barry Lowe, Alan and Mary Rea with Pat and Carmel Kelly.



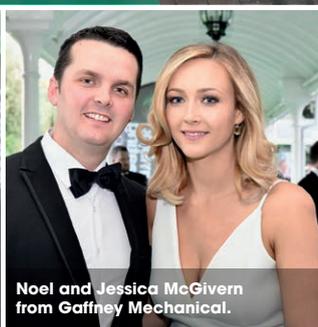
Headline Sponsor Calor Gas - Aidan and Tara Ryan, Liam Higgins, Damian Ruddy, Majella Higgins, Sharon Nolan, John Courmane and Suzanne Kenny.



Clash Plumbing & Heating, Tralee.



Enda and Claire Ruxton from Greentherm.



Noel and Jessica McGivern from Gaffney Mechanical.



From CTS are David Wilson, Thomas McGreevy, Joan McGreevy and Francis Henry.



Conex Banninger's John Crofton with his wife.



Tony and Lorraine Leahy, Tony Leahy Heating & Plumbing.



Staff and guests from M&P Mechanical.



AWARD WINNERS



Sponsor Macartan McCague from Ecopipe presents Jocelyne Rowan and David Cook, Baxi Potterton Myson.

WINNER:

INNOVATIVE PRODUCT OF THE YEAR

BAXI POTTERTON MYSON FOR BAXI IFOS

The winner of Innovative Product of the Year at Ireland's Plumbing and Heating Awards, 2019 was Baxi Potterton Myson for Baxi IFOS – In Flue Outdoor Sensor.

This was one of the most hotly contested categories on the night, with 16 products named as finalists.

The independent team of judges described the Baxi IFOS as a 'game changer'. They said "Its genius lies within its simplicity. A simple solution to an age-old problem."

The Baxi IFOS, which launched in April 2018, is a weather compensation device, designed to be a cost-effective and simple way to provide householders with a more energy-efficient heating system. It measures the air temperature directly and the flow temperature to the radiators is adjusted depending on the outside temperature. IFOS can be fitted to any horizontal or vertical flue terminal.

BAXI

POTTERTON MYSON

T: 00353 (0) 1459 0870

baxipottertonmyson.ie

AWARD KINDLY SPONSORED BY:



Ciaran Timmins from MT Agencies with Seamus Kelly, Grohe.

WINNER:

BATHROOM PRODUCT OF THE YEAR

GROHE LTD FOR THE GROHE RAPIDO SMARTBOX

Grohe Limited was the winner of the Bathroom Product of the Year at Ireland's Plumbing & Heating Awards for the Grohe Rapido Smartbox. The independent team of judges said this was an outstanding product from Grohe, superior in every way and a very worthy winner in a category which celebrated some fantastic products.

The Rapido Smartbox makes it possible to enjoy two shower head functions simultaneously. For many decades Grohe has been committed to its core values of technology, quality, design and sustainability, and this new product encapsulates all of those principles.

The Rapido Smartbox can be used as a universal shower solution thanks to its compatibility with over 170 different Grohe trim designs which offer architects, designers, specifiers and installers freedom of choice and efficiencies with installation.



www.grohe.co.uk

AWARD KINDLY SPONSORED BY:

[MT AGENCIES IRELAND LTD](http://MTAGENCIESIRELANDLTD)



Plumbing & Heating Magazine's Jacqui Fairley with Ray McClay and Michael Nolan, Worcester Bosch.

WINNER:

BEST MARKETING CAMPAIGN OF THE YEAR

WORCESTER BOSCH FOR BEAUTIFUL BEAST

Worcester Bosch won the Best Marketing Campaign of the Year at Ireland's Plumbing & Heating Awards for their Beautiful Beast campaign. Over the past decade Worcester Bosch has been developing its new boiler range – the Greenstar 8000 Lifestyle as an upgrade on one its most popular boilers.

The accompanying marketing campaign was not only focussed on the trade and installers but also, for the first time, on the consumer. The strategy was to create a wide range of engaging visual content that could highlight the different benefits to both audiences – installers and home-owners. The content spanned traditional media, digital platforms as well as video.

The judges said the team at Worcester Bosch clearly identified the market and delivered a very slick campaign across multiple platforms as well as harnessing the power of social media with their *#beastofthethemonth* campaign.



T: Ray McClay 07767 432 567

www.worcester-bosch.co.uk

AWARD KINDLY
SPONSORED BY:



Sean McBride, OFTEC Ireland with Tony Macken from C&F Quadrant.

WINNER:

SALES REPRESENTATIVE OF THE YEAR

TONY MACKEN, C&F QUADRANT

The winner of Sales Representative of the Year at Ireland's Plumbing & Heating Awards is someone who knows the importance of working as a team. Tony Macken from C&F Quadrant in Dublin had a very successful career as a professional footballer, but for the past 37 years has been at the top of his game with the team at C&F Quadrant.

Tony has been selling the Glowworm brand for all of his career as a Sales Representative but during that time has adapted and re-trained to keep abreast of the latest products and technologies. Tony also places great importance on customer service and pays particular attention to maintaining close connections with his large pool of contacts.

Glowworm is now one of Ireland's leading brands and Tony's work ethic and determination have helped the brand grow and develop across the country.



T: 00353 (0) 1630 5757

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AWARD WINNERS



Chris Reilly from Altecnic with James Brennan, Gaffney Mechanical.

WINNER:

APPRENTICE OF THE YEAR

JAMES BRENNAN, GAFFNEY MECHANICAL

James Brennan from Gaffney Mechanical was named as a winner in the Apprentice of the Year category at Ireland's Plumbing & Heating Awards 2019. James was joint winner in the hotly contested category along with Mark Fitzgerald.

James has already been awarded Plumber of the Year at TU Dublin – School of Mechanical & Design Engineering, where he recently qualified as a plumber, having completed Phase 7 of his Apprenticeship.

A former soldier, James took the decision to retrain as a mature student, something which won him the praise of the awards judges.

They were also impressed by James' team building and leadership skills and his willingness to be an ambassador for the apprenticeship scheme at the Skills Live competition.

The judges said James was a very worthy winner in the category.



T: 00353 (0)1899 1694
www.gaffneymechanical.com

AWARD KINDLY SPONSORED BY:



Sponsor Chris Reilly from Altecnic (centre) with Brendan Kearns and Mark Fitzgerald, Designer Group.

WINNER:

APPRENTICE OF THE YEAR

MARK FITZGERALD, DESIGNER GROUP

Mark Fitzgerald from Designer Group was named as a winner in the Apprentice of the Year category at Ireland's Plumbing and Heating Awards.

Such was the calibre of entries in the Apprentice of the Year category, the judges awarded two first places – to Mark and also to James Brennan.

The judges were impressed by the dedication shown by Mark who decided to retrain as a mature student after switching from a career as a landscape gardener.

They said he has the skills and determination to go to the very top. It was also noted that Mark is serving as a great ambassador for the apprenticeship scheme having already given magazine and radio interviews about his experiences to date.

A Phase 3 level apprentice, Mark is also undertaking first aid training as well as welding and coded welding training.



T: 00353 (0)1860 0520
www.designergrp.com

AWARD KINDLY SPONSORED BY:





Pat Kelly, PTS Ireland with Ailbhe Lacey from Clean Heat Services.

WINNER:

SPECIAL RECOGNITION AWARD

**AILBHE LACEY,
CLEAN HEAT SERVICES**

The judges at Ireland's Plumbing & Heating Awards made two Special Recognition Awards to two people who are challenging convention in the heating and plumbing industry.

The Special Recognition Awards went to Ailbhe Lacey and Sinead Halton. The judges praised the ladies for, not only, having the determination to succeed in a male dominated environment, but for showing other people there are careers available to them in this industry.

Ailbhe is an apprentice employed with Clean Heat Services and registered with Laois & Offaly Education & Training Board. She switched to the plumbing and heating industry from a career as cabin crew for an airline in order to pursue an occupation which excites and challenges her. As well as her studies Ailbhe also takes every opportunity to speak about the benefits of apprenticeships to encourage other young people into the industry.

CLEAN HEAT SERVICES

T: 00353 (0)87 219 0363
E: lacjer@gmail.com

AWARD KINDLY SPONSORED BY:



Pat Kelly, PTS Ireland with The Gas Woman, Sinead Halton.

WINNER:

SPECIAL RECOGNITION AWARD

**SINEAD HALTON,
THE GAS WOMAN**

Two women who are challenging convention in the plumbing and heating industry were presented with two Special Recognition Awards at Ireland's Plumbing & Heating Awards.

The Special Recognition Awards went to Ailbhe Lacey and Sinead Halton. The judges praised the ladies for, not only, having the determination to succeed in male a dominated environment, but for showing other people there are careers available to them in this industry.

Sinead was the first female from Louth, Meath, Cavan and Monaghan to qualify as a plumber back in 2005. She had initially trained under her father who had a company of his own before he encouraged her to become qualified.

In 2011 she followed in her father's footsteps by launching her own business - The Gas Woman and since then has been steadily growing her business.



T: 00353 (0)1 8272 760
www.thegaswoman.ie

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AWARD WINNERS



Myson's John Kelly with Unsung Hero Seamus English from Hevac.

WINNER:

UNsung HERO OF THE YEAR

SEAMUS ENGLISH, HEVAC

Hevac Group Director, Seamus English was presented with an Unsung Hero award at Ireland's Plumbing & Heating awards as recognition of the contribution he has made to the industry.

Later this year Seamus will be supporting Focus Ireland's Shine a Light Night but in addition to this he has volunteered for St Vincent de Paul for many years.

Paying tribute to Seamus, Siofra Kelly, Corporate Affairs Officer at Focus Ireland said, "We at Focus Ireland are so grateful to Séamus English for his support of our flagship event, Shine a Light Night, for which he has done an incredible job in fundraising. Without the help of passionate business leaders like Séamus showing their solidarity for those experiencing homelessness in Ireland, this event - and the work which it enables us to do - would not be possible."



T: 00353 (0)1419 1919
www.hevac.ie

AWARD KINDLY SPONSORED BY:



Myson's John Kelly (centre) with Gas Chat Ireland members Phil Mahady and Simon Calvey.

WINNER:

UNsung HERO OF THE YEAR

GAS CHAT IRELAND

The power of social media can be an excellent tool to spread positive news and views.

And that is exactly what the recipients of an Unsung Hero award at Ireland's Plumbing & Heating Awards have managed to do with their Facebook page, Gas Chat Ireland. Mark Ryan and Phil Mahady set the page up as a platform for gas installers to share best practise and promote safety standards. The popularity of Gas Chat Ireland has soared and it now has over 960 members and additional admins, Simon Calvey and Fred Poole.

Leading manufacturers, merchants and training centres have become involved offering exclusive deals to members along with training days. With such a large group of followers it has allowed the hosts to organise an annual Charity Raffle and to date it has raised an incredible €14,600 for local charities.



Join Gas Chat Ireland on
f Gas Chat Ireland

AWARD KINDLY SPONSORED BY:





Paul O'Neill from sponsor Sonas Bathrooms with Andrew Lacey and Peter Rankin.

WINNER:

SMALL DOMESTIC PROJECT OF THE YEAR

ANDREW LACEY MECHANICAL SERVICES LTD

Andrew Lacey Mechanical Services Ltd was a winner in one of the most hotly contested categories at Ireland's Plumbing & Heating Awards.

The Small Domestic Project of the Year category saw the independent judges selecting two entries as winners.

Andrew Lacey Mechanical Services was given this award for work at No. 6 St Thomas Road, Dublin which saw the team install a geothermal heat pump with passive cooling underfloor heating on all three floors of this new build.

The judges were thoroughly impressed with Andrew Lacey Mechanical Services' work, describing it as 'top class' especially when they considered the tight time frame the team was working to. And from the testimonials provided with their entry, it is clear to see this project won a lot of admirers for Andrew Lacey's work.



ANDREW LACEY
MECHANICAL SERVICES
info@alms.ie • www.alms.ie

T: 00353 (0) 8660 12444

www.alms.ie

AWARD KINDLY
SPONSORED BY:

SONAS
BATHROOMS



Sonas Bathrooms' Paul O'Neill presents Trevor O'Shea, Clash Plumbing & Heating.

WINNER:

SMALL DOMESTIC PROJECT OF THE YEAR

CLASH PLUMBING & HEATING LTD

Clash Plumbing & Heating Ltd was crowned a winner in the Small Domestic Project of the Year category at Ireland's Plumbing & Heating Awards.

In a first for the awards, the judges selected two highly commended and two winners in this category. Clash Plumbing and Heating was named a winner for the company's work at Verdi Glenn, The Spa, Tralee. This retrofit project saw the installation of underfloor heating, heat recovery units and air-to-water heat pumps.

It had been proposed to remove the flooring from the building to install underfloor heating but after a consultation with Clash Plumbing & Heating it became evident this could be done without removing it. This decision saved the client approximately €8000.

The judges were impressed with the level of knowledge displayed by Clash Plumbing & Heating which led to large savings for the client.



T: 00353 (0) 87 6594 839

www.clashheating.ie

AWARD KINDLY
SPONSORED BY:

SONAS
BATHROOMS



AWARD WINNERS



Michael Colgan from Sonas Bathrooms with Thomas McGuinness and Michelle McKeivitt, McGuinness Plumbing Ltd.

WINNER:
 LARGE DOMESTIC
 PROJECT OF THE YEAR
**McGUINNESS PLUMBING
 LTD**

McGuinness Plumbing Ltd has been named as the winner of the Large Domestic Project of the Year category at Ireland's Plumbing & Heating Awards. The award was won for the work McGuinness Plumbing undertook at St Aidan's, Cheeverstown, Dublin – one of the biggest social housing sites developed in Ireland in recent years. McGuinness Plumbing installed heat-only gas boilers for easy maintenance and demand and control ventilation systems. 85 of the 90 homes were fitted with gravity-fed systems using pre-insulated copper cyclinders and roof-space water storage units. The remaining five had to be adapted on site due to less abled needs. The judges singled this entry out for the scale of this project and the speed of delivery. They were impressed by the great testimonials which were submitted in support of McGuinness' work.



T: 0044 (0)28 3083 9111
www.mcguinnessplumbing.com

AWARD KINDLY
 SPONSORED BY:



Sponsor John McCarthy from Electric Ireland and Trevor O'Shea, Clash Plumbing & Heating.

WINNER:
 GREEN TECHNOLOGY
 PROJECT OF THE YEAR
**CLASH PLUMBING
 & HEATING**

Clash Plumbing & Heating won the Green Technology Project of the Year category at Ireland's Plumbing & Heating awards for their work on a building which has stood in Killorglin for 160 years. The building has recently been transformed into the Kingston Bar & Townhouse comprising 13 guest rooms, a bar and a restaurant. Installation included a new heating system, a photovoltaic system and a heat recovery system as well as recess work and the re-piping of the whole building. The judges were impressed with the technology used which left the owners with annual running costs of just €100, despite the demands of running the guest rooms, professional kitchen and bar area. Clash Plumbing & Heating praised the client for sharing the vision of committing 100 percent to the use of Green Technology.



T: 00353 (0)87 659 4839
www.clashheating.ie

AWARD KINDLY
 SPONSORED BY:





Instantor's Martin Murphy, with Trevor O'Shea, TJ Murphy and Timmy O'Sullivan, Clash Plumbing & Heating.

WINNER:

PLUMBER
OF THE YEAR

**CLASH PLUMBING
& HEATING**

Clash Plumbing & Heating Ltd won Ireland's Plumber of the Year at Ireland's Plumbing & Heating Awards. The judges praised the high levels of workmanship and skill shown by Clash Plumbing & Heating. They were also impressed with the work ethic and willingness to travel far and wide to take on projects. This second-generation family business focuses on renewables.

"We're not interested in housing estates, we deal with people on a one-to-one basis and maintain very personal relationships with our clients," said Clash Plumbing & Heating's Trevor O'Shea.

"A lot of people have misconceptions about heat pumps, underfloor heating and new technologies. My father was involved with underfloor heating projects 45 years ago, it's not something that is new to us, we have been doing heat pumps for 18 years and solar for 25 years. We consider ourselves to be experts in these technologies."



T: 00353 (0)87 659 4839
www.clashheating.ie

AWARD KINDLY
SPONSORED BY:



David Cook, Baxi Potterton Myson presents Christy Lynch and Jonathan Doherty, Efficient Renewables.

WINNER:

MEDIUM COMMERCIAL
PROJECT OF THE YEAR

EFFICIENT RENEWABLES

Efficient Renewables Ltd won the Medium Commercial Project of the Year category at Ireland's Plumbing & Heating Awards for the work carried out at Bocan Creche, Co. Donegal. Efficient Renewables installed LED lighting as well as an Ecoforest geothermal heat pump and Solis Inverter PV panels.

The team had the added pressure of having to work through the weekend to ensure there was no 'down time' at the crèche. The geothermal heat pump install involved the drilling team working through the night to drill boreholes – three of these at 100 metres deep.

The final phase of the project came one year later with the installation of 6KW PV panels. The install took place over the weekend. There is now enough electricity produced from the panels to power the heat pump ensuring the facility is now heated for free.



T: 00353 (0)87 1228 862
www.ehprenewables.com

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AWARD WINNERS



AWARD WINNERS



David Cook, Baxi Potterton Myson (left centre) with Kevin O'Reilly, Mick O'Shea and Sean Allen, Mick O'Shea Heating & Plumbing Ltd.

WINNER:

MEDIUM COMMERCIAL PROJECT OF THE YEAR

MICK O'SHEA HEATING & PLUMBING LTD

Mick O'Shea Heating & Plumbing Ltd won the Medium Commercial Project of the Year at Ireland's Plumbing & Heating Awards. The team was recognised for its work at Gordon Elliott Racing, Longwood, Co Meath. Part of the project involved the delivery of horse washing bays and a horse swimming pool which had to be economically and efficiently operated. The team explored the area and discovered a stream to the west of the farm with a high volume of water. Digging down uncovered a large fresh water vein and a low voltage, high capacity, submersible pump was used for the swimming pool. The pool was allowed to overflow back into the stream causing a continuous stream of fresh water for the thoroughbred horses to bathe in. The sump pump was also used to direct fresh water to the washing bays.



T: 00353 (0)1 6544 586
www.mosheating.ie

AWARD KINDLY SPONSORED BY:



Sponsor Garrett White from Hevac (centre) with Jim Treacy and John Sheridan, Designer Group.

WINNER:

LARGE COMMERCIAL PROJECT OF THE YEAR

DESIGNER GROUP

Designer Group has been named the winner of the Large Commercial Project of the Year category at Ireland's Plumbing & Heating Awards for the chilled water system upgrade at the Shelbourne Hotel, Dublin. The judges said, "Everything about this job was a logistical nightmare. From bringing cranes into the heart of Dublin to operating in one of the city's iconic hotels took incredible expertise." Designer Group provided a turnkey design-and-build solution for the replacement of the existing roof-mounted chilled water system including chillers, pumps, pressurization units, de-gassing units and buffer vessels. Heat meters were also installed and chiller plant manager was used to ensure the most efficient chiller sequencing. While all this was going on the hotel remained open for business.



T: 00353 (0)87 2509 564
www.designergroup.com

AWARD KINDLY SPONSORED BY:





John Crofton, Conex Banniger (centre) with Darren Church and Aidan Foy from SC Plumbing and Heating.

WINNER:

SMALL CONTRACTOR OF THE YEAR

SC PLUMBING & HEATING LTD

SC Plumbing & Heating Ltd has been named the Small Contractor of the Year at Ireland's Plumbing & Heating Awards.

The Dublin based firm works all over Ireland and the UK, on commercial fit out projects. SC Plumbing & Heating has built an excellent reputation with home owners and business owners throughout Dublin and surrounding counties. Specialising in plumbing, heating and renewable energy, the company operates with complete integrity, transparency and excellent communication within the business and with clients.

"We pride ourselves on offering a fast, friendly and quality service which is why we still return to our original clients from our first days in business," said Director, Stephen Clancy.

The awards judges were hugely impressed with the levels of workmanship demonstrated by SC Plumbing & Heating Ltd.



PLUMBING & HEATING CONTRACTORS
DOMESTIC COMMERCIAL INDUSTRIAL

T: 00353 (0)1 9059 433

www.scplumbingandheating.ie

AWARD KINDLY SPONSORED BY: **Conex | Bänninger**



Alan Hogan, sponsor Heat Merchants with Ronan Kerrigan from Kerrigan Mechanical.

WINNER:

MEDIUM CONTRACTOR OF THE YEAR

KERRIGAN MECHANICAL

The winner of Medium Contractor of the Year at Ireland's Plumbing & Heating Awards was Kerrigan Mechanical.

The judges said Kerrigan Mechanical demonstrated all round excellence and attention to detail. The judges also praised the company for the diversity of work it undertakes. Kerrigan Mechanical is a multi-faceted business with a diverse and talented workforce representing a wide range of experience in commercial plumbing, heating, ventilation and air conditioning systems. The business evolved as a separate commercial division out of the success and ongoing development of Midland Heating and Plumbing Ltd. The experience gained within the domestic sector allows Kerrigan Mechanical to excel in the commercial sector, specialising in areas such as education, commercial/retail, hospitality and leisure and high-density residential. Kerrigan has a staff of 53 highly-qualified personnel, apprentices and specialist pool of sub-contractors to deliver projects on time and with-in budget.



T: 00353 (0)46 943 0529

www.kerriganmechanical.ie

AWARD KINDLY SPONSORED BY:

Heat Merchants

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AWARD WINNERS



George McGuire from Pegler (right) with Niall Treacy and Shane Blaney, Designer Group.

WINNER:
 LARGE CONTRACTOR
 OF THE YEAR
DESIGNER GROUP

The Large Contractor of the Year category at Ireland's Plumbing & Heating Awards was won by Designer Group.

The independent team of judges said Designer Group never puts a foot wrong or lets standards drop.

"They can work all over the world and take on jobs at landmark buildings such as their recent project at the Shelbourne Hotel in Dublin. This project was finished to an incredibly high standard which is a hallmark Designer Group's work," said the judges. Designer Group is a wholly Irish owned leading international mechanical, electrical and energy provider. Its headquarters is in Dublin but there are regional offices in Limerick, the UK, Germany, Africa and the USA. Designer Group has established a successful in-house training academy to enhance the capabilities of its apprentices and trades people which further expands the offering to customers.



T: 00353 (0) 1 8600 520
www.designergrp.com

AWARD KINDLY
 SPONSORED BY:



Worcester Bosch's Ray McClay presents David Bates and Ray Purfield, Greenline.

WINNER:
 MERCHANT OF THE YEAR
 CUSTOMER SERVICE
**GREENLINE PLUMBING
 SUPPLIES LTD**

The Plumbers' Merchants Best Customer Service Award at Ireland's Plumbing & Heating Awards went to Greenline Plumbing Supplies Ltd.

The judges said Greenline Plumbing Supplies, based in Navan, County Meath, speaks the 'plumbers language' while at the same time delivering industry-leading levels of customer service and professionalism. They praised Greenline for being contactable at all times of the day and night.

A post on Ireland's Plumbing & Heating Magazine's Facebook page from a satisfied customer underlines why they were the judges' choice for the Best Customer Service award. "I've shopped in a lot of merchants down through the years and I have never dealt with a shop like Greenline – they can't do enough for you and their knowledge is unreal. The lads deserve all the credit they get."



T: 00353 (0)4 6902 2533
www.greenlineps.com

AWARD KINDLY
 SPONSORED BY:





Worcester Bosch's Ray McClay with Glenn Clabby, Thermoparts.

WINNER:

MERCHANT OF THE YEAR
INDEPENDENT

THERMOPARTS LTD

The winner of Small Independent Plumbers' Merchant of the Year at Ireland's Plumbing & Heating Awards was Thermoparts Ltd.

The judges said Thermoparts demonstrates its product knowledge on a daily basis and has recently expanded to offer a very impressive range of products and services.

Thermoparts is a dedicated heating and plumbing merchant located in the heart of Dublin. Since inception in 2011 the company's core value has been centred around the delivery of excellent customer service.

Since 2011 turnover has increased year-on-year. Thermoparts now works closely with suppliers and central procurement officers responsible for many developments meaning the company regularly makes deliveries to projects all over the country and as far away as London and the Netherlands. Thermoparts has moved to new premises which are twice the size of its original shop.



T: 00353 (0) 1 4569 930
www.thermoparts.ie

AWARD KINDLY
SPONSORED BY:



Ray McClay, Worcester Bosch and Alan Hogan, Heat Merchants.

WINNER:

OVERALL MERCHANT
OF THE YEAR

HEAT MERCHANTS GROUP

Heat Merchants Group was named Overall Plumbers' Merchant of the Year at Ireland's Plumbing & Heating Awards. The judges said despite their size Heat Merchants is still able to deliver a very personal and professional service, making sure the customer is always satisfied.

Heat Merchants is a leading supplier of plumbing and heating products including bathrooms, showers, central heating systems and renewable energy technologies. Heat Merchants is an independent national trade merchant business with 32 branches across the country which are supported by a technical design and specification team, business support and a warehouse and distribution centre in Athlone.

The vision of Heat Merchants Group is to be the leading supplier of innovative solutions to the construction industry, creating a healthy and energy sustainable environment for the future generations of Ireland.



T: 00353 (0)9 0642 4000
www.heatmerchants.ie

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AWARD WINNERS



Karl Carrick from sponsor Origen with Anthony O'Connell and Mark O'Rourke, M&P Mechanical.

WINNER:

DISTRICT HEATING PROJECT OF THE YEAR

HIGHLY COMMENDED:

SMALL DOMESTIC PROJECT OF THE YEAR

M&P MECHANICAL LTD

M&P wins District Heating Project of the Year and is Highly Commended in Small Domestic Project of the Year.

M&P Mechanical Ltd had an outstanding night at Ireland's Plumbing & Heating Awards, winning the District Heating Project of the Year and being Highly Commended in the Small Domestic Project of the Year category.

The company, which is poised to enjoy a period of sustained growth, is earning a reputation as a leading mechanical contractor. M&P Mechanical takes on a wide range of large complex projects in all sectors including commercial, industrial, hotel, residential, retail and mixed developments.

The winning entry in the District Heating Project of the Year was a particular favourite with the judges.

M&P Mechanical won the award for the company's

work at Bridgefield Apartments, Santry, Dublin. The development consists of 251 apartments.

Bridgefield Apartments were the first NZEB (Nearly Zero Energy Buildings) compliant building to deliver units to the DCC social and affordable housing sector. The apartments boast a Building Energy Rating of A2.

District heating was the best option for this project and as M&P Mechanical Ltd has carried out four similar projects for Cosgrave Developments, the contractor knew M&P would deliver.

And M&P certainly did deliver. In a testimonial, Cosgrave Developments Managing Director, Michael Cosgrave said, "With NZEB approaching, M&P Mechanical and our consultants, McElligott Consulting Engineering got together and managed to integrate heat pumps to give the NZEB standard to

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the building. It was important for us in Cosgrave's that the end user did not have to carry any additional running costs, which meant that the Combined Heat and Power (CHP) unit and the heat pumps were paired and worked together as pairs. We look forward to including all of this new development for district efficiency in our next district heating project."

The awards judges were impressed by the use of smart technology in this development which was finished to an exceptionally high standard with low running costs and compressed plant size. Using custom-made smartphone apps each apartment owner can see their energy consumption in real time. The interface helps give users a wider picture in terms of their energy usage and encourages a reduction in waste.

Meanwhile M&P Mechanical Ltd was Highly Commended in the Small Domestic Project of the Year category for the work it did at Hillside Drive, Dublin.

This modern five-bedroom home was equipped with underfloor heating, a heat recovery system to ensure a constant circulation of fresh air and photovoltaic panels, all of which delivered an 'A' rated energy efficient home.

There are six ensuite rooms plumbed and fully installed with sanitaryware which feed off the

outside boiler house that contains two gas boilers and two domestic rapid recovery pressurized cylinders which supply hot water throughout the house on demand. There is also a twin booster set in the plant room feeding cold water to all appliances.

The judges said this job was finished to a very high spec by M&P Mechanical who raised the bar by completing it in just eight months.

"We are delighted to win District Heating Project of the Year and to be Highly Commended in Small Domestic Project of the Year," said M&P Mechanical's Senior Operations Manager, Anthony O'Conaill.

"It is great recognition for our staff, who, after all, are the ones who deliver these projects. We have a great team of employees and it is very pleasing that the judges and our peers rate their work so highly.

"It's also pleasing for our clients who put an incredible effort into the delivery of these projects."

Anthony said it is a positive period for M&P Mechanical as the company looks to the future with confidence.

"The industry across Ireland is in a good place at the minute and we are seeking to expand in line with it. We certainly won't be taking any undue risks but we are looking to grow and employ more people."

HEAD OFFICE: Derrycammagh, Castlebellingham, Dundalk, Co. Louth.

T: 00353 (0)42 9379 090 - E: info@mandp.ie

www.mandp.ie





AWARD WINNERS



Sharon Nolan from Calor Gas with Martha and Seamus English, Hevac.

The late John English, Hevac.

WINNER:
OVERALL ACHIEVEMENT AWARD
JOHN ENGLISH, HEVAC

Standing ovation as John English recognised with posthumous Overall Achievement Award 'The best boss you could wish for and a man universally liked by staff'

There was a standing ovation at Ireland's Plumbing & Heating Awards as former Hevac boss, John English was recognised posthumously with the Overall Achievement Award.

The award was presented to John's widow, Martha English as recognition of her late husband's dedication and tireless hard work which, over his lifetime, enhanced the industry. John sadly passed away at the age of 74 in 2017 after a brave battle with illness.

Known for his great business acumen and leadership skills, John English was the driving force behind the development of Hevac into the thriving business it is today. But for those who knew John English, he will be forever remembered as a boss whose door was always open to his staff.

"In almost 45 years of working with him there was not a day I didn't look forward to going to work. John English was the best boss anyone could wish for."

Those are the words of former Hevac Commercial Manager, Evelyn Carroll who told Ireland's Plumbing

& Heating Magazine that her former mentor and friend was universally liked by his staff.

"If there was a new baby or a marriage within the company there was always a bunch of flowers for the staff member," said Evelyn.

"John knew the staff by name, they weren't just employees but instead members of the Hevac family. He was a boss you could go to with work problems or indeed personal problems – his door was always open.

"Even when he retired John always maintained a great interest in the company and you would often see him at golf days and dinners."

Ireland's Plumbing & Heating Magazine, Managing Director, Karen McAvoy said the magazine was proud to present John English with the Overall Achievement Award.

"John brought great honour to the industry. He was extremely successful in business but in addition he was a great leader and someone who showed great loyalty towards those who worked for him. This was our first awards ceremony since John's passing therefore we felt it was fitting to pay tribute to him with this award. We were very proud that Martha and John's family could attend on the night."

AWARD KINDLY SPONSORED BY:





HIGHLY COMMENDED:

Ecopipe's Macartan McCague with Karl Carrick from Hevac.

INNOVATIVE PRODUCT
**HEVAC LTD FOR HAMWORTHY
WESSEX MODUMAX MK3**

Hevac Ltd was Highly Commended in the Innovative Product of the Year category for the Hamworthy Wessex Modumax MK3 Floor Standing Boiler. The judges described this product as "one of the best on the market, with the controls on this boiler from Hamworthy being the best in the industry." This fully modulating floor-standing boiler benefits from lower fuel usage and closer load matching.
T: 00353 (0)1419 1919 - www.hevac.ie

AWARD KINDLY
SPONSORED BY:



HIGHLY COMMENDED:

Plumbing & Heating Magazine's Jacquie Fairley with Ryan McNaught, Adey.

BEST MARKETING CAMPAIGN
ADEY FOR THE ADEY PROCLUB

Adey's Proclub was Highly Commended in the Best Marketing Campaign of the Year by the judges. The Adey Proclub is a loyalty club for installers delivered via an app which can unlock exclusive benefits for the installer and deliver excellent service for the customer. The judges said the Proclub is an excellent platform which is easy to use and delivers a wealth of information in one place.
T: Ryan McNaught 0044 (0)7967 827014
www.adey.com

AWARD KINDLY
SPONSORED BY:



HIGHLY COMMENDED:

Sponsor, Ciaran Timmins from MT Agencies (centre) with Christopher and Stephen Hackett, Classic Marble.

BATHROOM PRODUCT
**CLASSIC MARBLE
(SHOWERS) LTD**

Classic Marble (Showers) Ltd was Highly Commended for its Senstec Anti-Slip Shower Tray. The judges loved the level of research and development which went into this product. Classic Marble (Showers) Ltd has spent the past three years developing a truly world-class, integrated anti-slip shower tray which has also been tested prior to production by the University of Ulster.
T: 0044 (0)28 8556 8081 - www.group-cm.com

AWARD KINDLY
SPONSORED BY:

[MT AGENCIES IRELAND LTD](http://www.mtagenciesireland.com)



HIGHLY COMMENDED:

Gary Swan, Altecnic with Aaron Sutcliffe, Riverside Mechanical.

APPRENTICE OF THE YEAR
**AARON SUTCLIFFE,
RIVERSIDE MECHANICAL**

Aaron Sutcliffe was Highly Commended in the Apprentice of the Year category. The team of independent judges predicts an excellent career for Aaron who has already won a number of other awards. They said he has, not only the skills needed to forge an excellent career for himself but also the drive and determination to rise to the top.
T: 00353 (0)1866 5862
www.riverside-mechanical.com

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HIGHLY COMMENDED AWARDS



HIGHLY COMMENDED:
SALES REPRESENTATIVE
RICHARD LOUTH,
BAXI POTTERTON MYSON

A love for his job and a strong desire to find the right heating solution for his customers were two of the qualities which singled out Richard Louth from Baxi Potterton Myson. Richard was Highly Commended by the judges, who were also impressed by his level of experience, technical knowledge and ability to work in many different environments.

T: 00353 (0)1 459 0870
www.baxipottertonmyson.ie

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
LARGE DOMESTIC PROJECT
GASWISE LTD

Gaswise Ltd has been Highly Commended in relation to the work it does throughout the country at 3,500 properties belonging to Tuath Housing Association. Gaswise certifies gas appliances and heating systems as well as maintaining all properties. Gaswise also developed an integrated PDA system and adapted it to suit each individual client.

T: 00353 (0)1 8315 566
www.gaswise.ie

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
SMALL DOMESTIC PROJECT
MICK O'SHEA HEATING
& PLUMBING LTD

Mick O'Shea Heating & Plumbing Ltd was Highly Commended for work carried out at Ryemount House in Kildare. The team from Mick O'Shea installed two 16kW T-Cap heat pumps, two PACi Elite outdoor cooling units and one ECOi indoor unit. The judges said this was a very complex job with many elements for the team to get right.

T: 00353 (0)1 6544 586
www.mosheating.ie

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
DISTRICT HEATING PROJECT
GREENTHERM LTD

The Highly Commended entry in the District Heating Project of the Year category was Greentherm Ltd for No 3 Henrietta Street in Dublin. Henrietta Street is regarded as the oldest street in Dublin and No. 3 lay derelict for over 10 years. Greentherm was involved in the design, supply and commissioning of a new district heating system to rejuvenate this landmark building beyond its former glory.

T: 00353 (0)1 531 4781 - **www.greentherm.ie**

AWARD KINDLY SPONSORED BY:





HIGHLY COMMENDED:
John McCarthy, Electric Ireland and Mick O'Shea, Mick O'Shea Heating & Plumbing Ltd.

GREEN TECHNOLOGY PROJECT
MICK O'SHEA HEATING & PLUMBING LTD

Mick O'Shea Heating & Plumbing Ltd was Highly Commended for work carried out at Gordon Elliott Racing, Longwood, Co Meath. The judges said this project was a unique piece of work delivering an 'A' Building Energy Rating with low running and maintenance costs. Mick O'Shea designed and manufactured a Buffer Cylinder to ensure running costs were kept low.

T: 00353 (0)87 255 0642 - www.mosheating.ie

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
Sponsor Garret White, Hevac with Eoin Quinlan and James Mackenzie, Riverside Mechanical.

LARGE COMMERCIAL PROJECT
RIVERSIDE MECHANICAL LTD

Riverside Mechanical Ltd was Highly Commended for the Audi Centre at Sandyford. This is Ireland's largest Audi retail and after-sales service centre. It is equipped with several low-energy solutions aimed at reducing energy consumption. The Audi Centre is unique in terms of its focus on energy efficiency with a grass roof installed to harvest rainwater for use in the car wash facility. T: 00353 (0)1 8665 862

www.riverside-mechanical.com

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
David Cook, Baxi Potterton Myson with Jason Ryan and Gary Brennan, Phoenix Mechanical Ltd.

MEDIUM COMMERCIAL PROJECT
PHOENIX MECHANICAL LTD

Phoenix Mechanical Ltd was Highly Commended for the Environmental Protection Agency Heating Upgrade. This project involved the removal of the existing 35 year-old system and its replacement with heat pumps with back-up from a cascade system comprising high efficiency De Dietrich boilers. The judges said this was a particularly demanding job.

T: 00353 (0)1 6120 083

www.phoenixmechanical.ie

AWARD KINDLY SPONSORED BY:



HIGHLY COMMENDED:
Martin Murphy from sponsor Instantor presents Alan Watters and Sean Earley, Alan Watters Heating and Plumbing.

IRELAND'S PLUMBER
ALAN WATTERS HEATING & PLUMBING LTD

Alan Watters Heating & Plumbing Ltd was Highly Commended in Ireland's Plumber of the Year category. The judges were hugely impressed with the workmanship and attention to detail on projects carried out, especially the competition entry which was a 3000sqft bungalow with underfloor heating throughout, an air source heat pump and fully pressurised domestic water system.

T: 00353 (0)85 2837 970

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**SMALL CONTRACTOR
ACR PLUMBING & HEATING LTD**

ACR Plumbing & Heating Ltd was Highly Commended in the Small Contractor of the Year category. The judges said ACR Plumbing & Heating has the experience and expertise to tackle the most demanding projects. ACR has served thousands of residential customers since then and has contracts with prestigious clients such as Dublin City Council.
T: 00353 (0)1 4979 838
www.acrplumbingandheating.ie

AWARD KINDLY SPONSORED BY: **Conex | Banninger**



**LARGE CONTRACTOR
RIVERSIDE MECHANICAL**

Riverside Mechanical was Highly Commended in the Large Contractor of the Year category. The judges noted the long-standing relationships Riverside has with many of its customers. They said "You only get high levels of repeat business if you do a great job. To be consistently at the top of your game takes great dedication and professionalism."
T: 00353 (0)1 8665 862
www.riverside-mechanical.com

AWARD KINDLY SPONSORED BY: **PEGLER**



**MEDIUM CONTRACTOR
McGUINNESS PLUMBING LTD**

McGuinness Plumbing Ltd was Highly Commended in the Medium Contractor of the Year category. The judges noted the very strong testimonials from happy customers from right across Ireland and praised their expert level of work. McGuinness Plumbing is a family business with offices in Newry, County Down and Donabate, County Dublin.
T: 0044 (0)28 3083 9111
www.mcguinnessplumbing.com

AWARD KINDLY SPONSORED BY: **Heat Merchants**

AWARD SPONSORS

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MT AGENCIES IRELAND LTD



GARY PERRY,
 MANAGING
 DIRECTOR AT
 ALTECNIC, GIVES
 A QUICK GUIDE
 TO PRESSURE
 REDUCING VALVES...



The right choice

The application and operating principle of PRVs is fairly simple to understand. They are installed in residential, semi-commercial and public buildings to reduce and stabilise the inlet water pressure. They are designed to reduce water pressure and maintain it to a set level, preventing damage to those components installed downstream of the PRV. Here we explore some key considerations when selecting and installing a PRV.

Which PRV should I use?

There is a selection to choose from based on the application (cold water or hot and cold water service), with or without a pressure gauge, set using a screwdriver or a Dial up setting.

What is 'Drop-Tight' Control?

When a PRV operates under both flow and no-flow conditions, this is known as 'Drop-Tight' control. 'Drop-Tight'

control prevents the pressure from 'creeping' (an increase in downstream pressure under no-flow conditions).

Can the end-user adjust the pressure themselves?

Yes, as the valve works off a spring and diaphragm you can set the outlet pressure by turning the screw on the top of the plastic cover (Caleffi 533 Series) or by turning the pre-adjustable dial up knob complete with pressure setting indicator (Caleffi 535 series).

Can the PRV be installed in any orientation?

The PRV has a flow direction arrow cast onto the body – the valve must be installed with the flow in the direction of the arrow. The valve can be installed horizontally or vertically but must not be installed upside down. If the valve is installed horizontally, then the cartridge should be vertically mounted.

Do I need a strainer in the system to protect the PRV?

The strainer may already be installed as part of the system design. However, Altecnic 533 and 535 series PRVs both incorporate a strainer screen as part of the cartridge assembly.

On what applications can I use the Pressure Reducing Valves?

The PRVs are generally used on water and potable water applications. Some PRVs are also used on compressed air, natural gases and natural non-adhesive fluids. They should not be used on salt water, petrol or diesel.

"PRVs are designed to reduce water pressure and maintain it to a set level, preventing damage to those components installed downstream of the PRV."

For more information, contact Chris Reilly, Country Manager, on 00353 (0)85 2152288 or e-mail chris.reilly@altecnic.co.uk or Gary Swann, Northern Ireland Sales Manager on 07760 596727 or e-mail gary.swann@altecnic.co.uk or visit the website at www.altecnic.co.uk

BIOLPG IS IRELAND'S FIRST RENEWABLE GAS SOLUTION...

Calor at forefront of drive for cleaner energy system

Calor is leading the drive to a cleaner energy system. As more and more home-owners look for a renewable solution that meets their everyday heating and cooking needs, Calor BioLPG, Ireland's first renewable gas solution, is becoming increasingly popular.

Honouring this landmark energy transformation, Calor was delighted to be shortlisted as a finalist in the Plumbing & Heating Awards. Nominated for The Green Technology Project of the Year, the selection acknowledges the innovative and forward-thinking strides made by the Calor team. The Plumbing & Heating Awards provide a unique opportunity to recognise the achievements and developments throughout this specialised sector in Ireland. Calor is extremely passionate in developing and delivering green



energy technology and green energy solutions. The launch of BioLPG was seen by many as the most significant innovation in Ireland's gas market in some years. BioLPG is a 100% renewable energy source, made from renewable and waste sources. It reduces carbon footprint and lowers greenhouse gas emissions by up to

90%. BioLPG is identical in use and performance to LPG. Sustainability is at the heart of Calor's business strategy. By 2037, its goal is for 100% of energy products to be derived from renewable sources.

T: (RoI) 1850 812 450

(NI) 028 9045 5588

W: www.calorgas.ie

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RANGE IS ONE OF THE MOST ENERGY EFFICIENT ON THE MARKET...

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Stuart Turner is delighted to introduce the new Stuart branded range of circulators ready for the heating season. With an impressive EEL rating starting from 0.18 and with both fixed and proportional control, Stuart Turner now offers an engineered, electronically controlled, high efficiency circulator range for heating, hot water heating and air conditioning. The new Stuart range of circulators is one of the most energy-efficient ranges on the market. Utilising high efficiency, permanent magnet motor technology and ceramic bearings, the three models within the range provide enhanced energy efficiency, with each circulator offering three constant speed modes; low, medium or high, or for even greater savings, three proportional pressure modes. This means the pump

constantly monitors the system pressure and flow and adjusts according to system demand, ensuring optimum efficiency and minimum energy consumption. The range is suitable for a wide variety of pump applications such as single and twin pipe heating systems and mixing loops. The ST 15/60 and ST 25/80 cast iron heating circulator models are designed to constantly circulate hot water within a closed loop system, offering a typical performance of 4.5 cubic metres per hour and up to an impressive 8 metre head. The ST 15/60 B bronze circulating pump is designed to constantly circulate hot water within a domestic system and offers a performance of up to 3.3 cubic metres per hour and up to 6 metres head.



Stuart circulators make the installer's life easier too. Designed as a perfect replacement for any 130 or 180 port-to-port model currently in the market, they are a hassle-free, easy retrofit replacement.

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W: www.stuart-turner.co.uk

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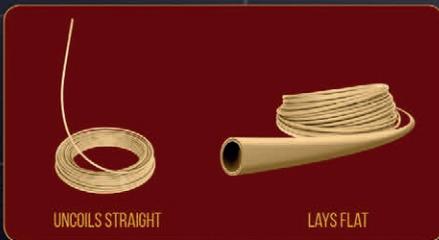
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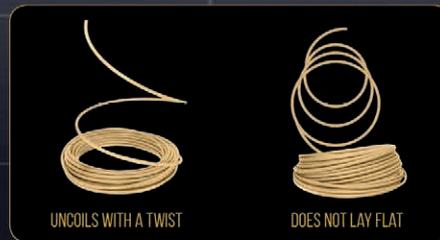
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Old Qual-Pex



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QUALITY YOU CAN TRUST, FLEXIBILITY YOU WANT AND VALUE YOU DESERVE FROM PIPELIFE IRELAND...

Qual-Pex Plus+ 'Easy-Lay' from Pipelife

Pipelife's new White Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is more than meets the eye.

Specially designed with the installer in mind, it's an amazingly flexible, incredibly efficient and versatile pipe system.

The new product is the next generation Pipelife plumbing and heating pipe for hot and cold water distribution services, as well as for central heating and underfloor heating systems. It has been developed by the Pipelife innovation team, with strong technical support from an industry-leading raw material supplier, so as to achieve enhanced lay-flat characteristics. At the same time, the product maintains the essential performance capabilities that allowed the old Qual-PEX pipe to serve the Irish hot and cold plumbing and heating sector for the last 25 years. The pipe is approved for use under the following service conditions:

- 12 Bar at 20°C
- 4 Bar at 82°C
- 3 Bar at 92°C.

The pipe is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. It has been designed to provide the plumbing professional with a 'universal alternative' to the various other piping products on the market and it will prove to be a more effective plumbing solution for many applications where aluminium or copper pipe might otherwise be considered.

The pipe is quick and easy to uncoil and the flexible material allows you to manoeuvre the pipe with complete ease. Increased flexibility delivers added value, allowing you save every time and giving you an edge over the competition!

The Qual-Pex Plus+ 'Easy-Lay' pipe range is 100% Irish made and is manufactured to the most stringent



"It is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations."

standards allowing you to install with confidence. When you choose Qual-Pex Plus+ 'Easy-Lay' Multilayer pipe, you're choosing a quality product manufactured by a trusted leader with almost 50 years' experience. Plus it comes with our market-leading 50-year guarantee, offering you more certainty to install with confidence. Padjoe Barry, National Sales Manager, said: "Our Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is a revolutionary new product that will be available in white coils and lengths of 16mm, 20mm, 26mm and 32mm. The essential feature of our new pipe that differentiates it from other products on the market is that we have made it really truly flat-lay, making it

easier to handle and install."

Commenting on how efficient the product is, James Murphy, BroMur Energy Ltd, said: "The new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe has exceeded our expectations. It is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. My crew has installed all kinds of underfloor heating pipe, but the new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is by far the easiest we have worked with. That's why we put our trust in Pipelife."

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ENVIRONMENT

INNOVATION

TECHNOLOGY

THIS MONTH MARKED THE FIRST YEAR ANNIVERSARY OF WHEN FIREBIRD HEATING SOLUTIONS LTD LAUNCHED ITS ENVIROGREEN LOW NOX BOILER RANGE ONTO THE IRISH AND UK MARKET...

A year down the line

After a three-year consultation and a field trials programme, the company was able to launch three months ahead of the 26th September 2018 deadline, a date which placed a maximum limitation on low NOx emissions from domestic heating boilers to 120 mg/kWh.

Working very closely with its chosen burner partner, Firebird was able to provide the industry with a state-of-the-art, unique 'plug and Play' burner that not only met the limits but exceeded them. The result was the FB2K LN and 3K LN burner range developed by European burner manufacturer Elco, a company that is no stranger to Low NOx technology. The design was so good that when coupled with a Firebird Envirogreen boiler, independent testing of the range measured levels as low as 60 mg/kWh (NOx).

Firebird Technical Supervisor, Martin O'Brien, said: "From a technical point of view, the transition to Low NOx technology could not have gone smoother. The technical team, production and sales groups had been preparing months in advance for the launch. Initially, we were all working towards September but knew the product was ready and the support for training given by Elco was superb, so we decided to bring the launch forward!" He added: "The introduction of the Envirogreen boiler across all outputs

(from 12kW right up-to 100kW) also gave us the opportunity to upgrade the boiler models with new door seals and 316 stainless steel condensate traps, while providing us with the opportunity to make other improvements too."

Firebird was keen to share its message, so the company embarked on a series of road shows, both at home and at Elco's manufacturing facility in Italy, to demonstrate the capabilities of the FB2K LN burner and the performance when precisely matched with the Envirogreen boiler range.

Elco was also represented at the road shows and support was given by members of its research and development and engineering teams, who met with the many hundreds of engineers who came to view the product. To date, Firebird has met with around 2,000 members of the industry at these events. So, interested in seeing how the first boilers had fared during the year, Martin O'Brien decided to visit an installation at its first service.

The installation chosen was an Envirogreen Heatpac 26kW, which had been used extensively since its installation in June 2018, as part of a boiler replacement project. "I was keen to find out if the settings were as good as the day the boiler left the

factory. I put my fuel pressure gauge on and ran the boiler for 15 minutes before taking a combustion check and was



pleased to see that the burner was firing as good as the day it left our production line. Combustion levels were perfect!" But the best was yet to come. Martin recalls his reaction when he removed the burner from the combustion chamber: "it was spotless," said Martin. "The blast tube, nozzle and diffuser disc looked brand new and further inspection of the combustion chamber showed no signs of carbon build up at all." Martin puts this down to the extremely clean burn from the light blue flame of the burner. "I reckon that particular burner must have used nearly 2,000 litres since install and I was completely amazed at the condition of all the components. They looked brand new!"

A part of the servicing routine, the pressure jet nozzle was changed, and all settings were checked using the Elco supplied setting gauge tool, before re-commissioning the boiler to its peak efficiency. The Low NOx burners are totally exclusive to the Firebird and can also be retrofitted to fit most boilers on the market.

For advice on reducing NOx emissions and reducing our carbon footprint by fitting our boilers and burners please contact our main office at 00353 (26)45253 or visit our website www.firebird.ie.

"Firebird was able to provide the industry with a state-of-the-art, unique 'plug and Play' burner that not only met the limits but exceeded them."

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WATERSHED DEPARTMENT FOCUSING ON DIY AND SELF-BUILD MARKETS...

MacBlair harnesses the power of digital technology

MacBlair Cookstown is harnessing the power of digital technology as it seeks to expand its share of the self-build market.

The company's Watershed Bathroom & Tiles department is now equipped with cutting-edge virtual reality programmes which can ensure that a customer's vision for their new bathroom will always become a reality.

MacBlair recently welcomed Ryan Sinclair to the business. Ryan brings a strong background in sales but this is also complemented by his design skills which he uses to help customers make the right choices for their new bathroom.

"When you take into account the bathroom is often the room, other than the kitchen, where the most money is spent, it is very important to get it right," said MacBlair Cookstown Branch Manager, Paul Wilson.

"Our Watershed Bathroom & Tiles department will be focussing on the self-build and DIY markets as we move forward. It is important to increase our brand awareness and let people know that our showroom is open to the public and not just to contractors and tradespeople.

"Ryan has recently joined the team and he is working with Curtis Hodgett who has worked in Watershed for three years now. Ryan and Curtis can advise

customers on design and can bring their visions to life through 3D drawings and virtual reality programmes.

"A customer can see their very own bathroom and how it will look with the new recommended products in it. It means customers can be confident that the vision they have in their head for their new bathroom will match what the reality will be."

MacBlair has a vast range of stock but they are also very well placed to help customers create bespoke designs. "We have an excellent network of suppliers so we can normally have products delivered within 48 hours. This means the customer will always get the products which are right for »

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their bathrooms,” said Paul. The Watershed and the plumbing and heating counter at MacBlair Cookstown work side-by-side, with both teams fully complementing each other.

“Shane Kealey, our Plumbing and Heating Supervisor, is an ex-plumber and therefore perfectly placed to offer expert advice. He can advise on best lay-out of a bathroom and whether the products selected are suitable. He can help with advice on the required pipework as well as taps and radiators to find the best solutions for customers.

“Having that plumber’s knowledge to draw upon is a real advantage for our customers. The two departments work very well together – the guys in the Watershed department can advise on design and products and show you how they will look in your bathroom and Shane can help you to integrate those products into your bathroom space.”

The close connection between the plumbing and heating counter and Watershed Bathroom & Tiles at MacBlair Cookstown is consistent with the company’s approach of offering everything on one site.

“A lot of our success is down to the fact that we have a large, modern site which not only allows easy access for customers and deliveries but it also enables us to carry a wide stock profile,” said Paul.

“And by utilising the size of the MacBlair business we can buy

correctly, which means we can provide high quality products at a fair price.”

Situated on the one site, MacBlair Cookstown is home to the company’s Builders’ Merchant, Watershed Bathroom & Tiles and the Plumbing & Heating department. “We are performing well but there is always that desire to push forward. We certainly won’t be resting on our laurels but instead seeking new ways to push the business on,” concluded Paul.



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MECHANICAL CONTRACTOR

William Coates raises the bar on Royal Victoria Hospital project

William Coates Ltd was the mechanical contractor on the new Non Clinical Support Building (NCSB) at the Royal Victoria Hospital in Belfast.

The Newtownabbey company was involved in the fit-out of the heating, plumbing, soils & waste, air-conditioning, ventilation and steam systems.

William Coates Mechanical Contracts Manager, Darryl Casement said the new NCSB raises the bar in terms of

attention to detail for buildings of this nature.

“Personally, I was very proud to be involved in this project,” said Darryl. “This was an excellent piece of work from the team at William Coates.

The NCSB is one of a number of enabling and construction projects designed to rationalise the RVH estate to provide a footprint for the proposed new Royal Belfast Hospital for Sick Children.

Level 0 of the NCSB is accessed from the lower levels and the main

service yard area contains: staff facilities including offices, lockers and toilets. Also on this level are the HV plant rooms, comms room, mechanical plantroom, LV switch room, workshops for joinery, mechanical and electrical, welding. Finally, on Level 0 there are PALS storage areas, clean/dirty goods storage, service corridors, tug storage. Level 1 is primarily office accommodation which is accessed from Spine Road and via a separate Level 1 entrance.



“The new NCSB raises the bar in terms of attention to detail for buildings of this nature.”



This level comprises a control room, management offices, equipment room and IT Hub as well as toilets, meeting rooms and open plan offices.

Level 2 is accessed via lift or stairs from Level 1 and comprises; open plan offices, meeting rooms, staff facilities, toilets, and staff rest area.

Level 3 is home to a rooftop plantroom which is accessed from common stair cores and service lifts. This level comprises storage areas for hard copy documentation, AHU Filters store, M&E plantroom and rooftop solar panels.

The site of the new building occupies the site of the original estates office building which was demolished in the Spring of 2016. The soils & waste system installed by William Coates Ltd

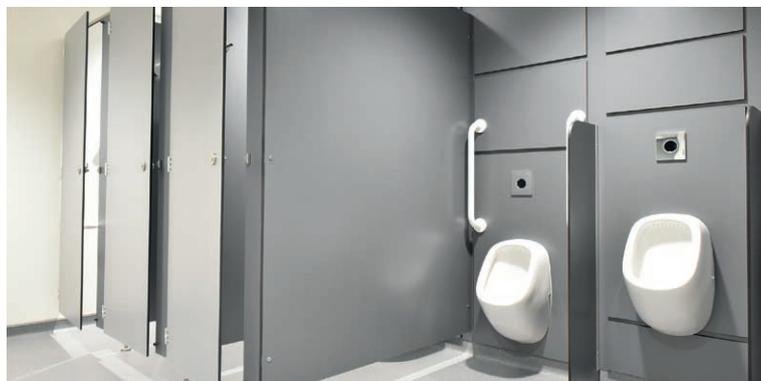
was a Geberit fuse and weld drainage system.

The plumbing system was a fully pressurised system with a dry riser installation. The heating system delivers constant and variable temperatures while the airconditioning has three aspects to it – an air-handling unit (AHU) which is ErP 2018 and HTM compliant, the second aspect was the welfare extraction system

and, the third, was the specialist extraction for fumes and dust.

The 3D design and co-ordination for this job began back in November 2016.

The mechanical and electrical drawings were drafted for approval, at which stage potential bottlenecks and clashes were identified and worked through with the contracting team – Felix O’Hare & Co, JD ➤



William Coates, 37 Mallusk Road, Newtownabbey, Co. Antrim.

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« McGeown Ltd and William Coates Ltd. “There was a lot of collaboration between the three teams in order to avoid or indeed overcome any issues,” said Darryl. “We had weekly meetings to ensure the smooth running of the project – all three teams have a lot of experience of working on healthcare projects which have their own policies and procedures specific to the high standards demanded by the client. The NCSB is the nerve centre of the Royal Victoria Hospital and is critical to the running of the whole RVH estate, therefore the work had to be completed to a very high standard.” An example of just how critical maintaining services is during the construction of healthcare buildings came when William

Coates was tasked with providing a temporary plant compound. The steam and oil-fired temporary plant rooms were to serve adjacent buildings to the NCSB during the demolition and groundworks stage. “Taking a step such as this underlines the fact that when working on healthcare buildings you are never far away from life-critical aspects. It was important there was a risk-assessed back-up plan in place,” said Darryl. Another example of the high level of workmanship demanded on this project is the fact that all welding was completed to Class One standards. The handover process was a four-step process which was extremely thorough and robust. All aspects of the mechanical fit-out were tested and commissioned

individually, often before they left the factory. They were again tested onsite with any tweaks and fine-tuning taking place immediately. It was essentially a soft landing as opposed to a handover day with any problems then being ironed out. All the continuous testing and commissioning work was witnessed by the contracts team – this included all areas of the project and at every juncture. It had to stand up to the closest of scrutiny. Once everyone was satisfied with the testing and commissioning the process moved to the next stage which was demonstrating the new systems. The rigorous demonstrations were carried out in front of Belfast Trust representatives with the findings logged with the Building



“It’s important then to be able to tweak any issues or tailor the systems to the client’s preferences.”



Management System (BMS). The third stage of the handover process involved the full on performance testing of all systems operating in unison. This process continued over a continuous three-week period. "The commissioning process is all about discovery," said Darryl. It's important then to be able to tweak any issues or tailor the systems to the client's preferences. Really, the performance testing is a victory lap – everything should be in place by this stage." And that is what the performance testing at the NCSB proved to be – a victory lap for the team at William Coates Ltd. The performance testing was monitored with the BMS as well as independently at 13 specific locations. Each week the data was uploaded and shared with the

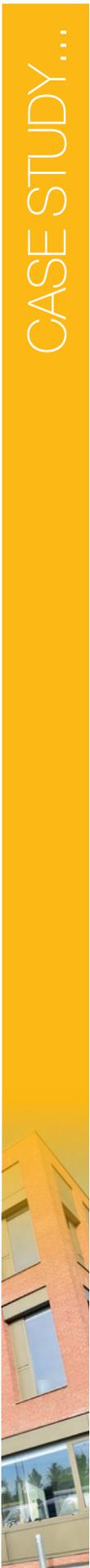
teams who evaluated the results. The final stage involved the training on all systems of the estates staff who would be using the equipment. All staff were also trained in emergency and maintenance procedures and the Fire Brigade was brought in to give them an overview of the building and systems in the event of an emergency.

"The handover process was as thorough a process as I have encountered in the industry - it took around three months to complete."



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BUILDING MANAGEMENT SYSTEM

Building Automation Controls Ltd (BAC) installed the Building Management System (BMS) at the Non Clinical Support Building, Royal Victoria Hospital, Belfast. The Delta Controls enteliBUS range of BACnet BMS equipment was selected for the project due to its modular and expandable framework. Specifically, a Delta Controls ebCON automation engine brings the intelligence to control a number of systems within the building including steam to low temperature hot water heating and domestic hot water plate heat exchangers. The BMS also provides monitoring of air-conditioning systems in the IT suites and communications

rooms, sending emailed notifications to the client should an issue arise with the environmental control within these spaces. The same email on alarm facility is provided for the UPS system and the site generator. An air handling unit (AHU), also under direct control of the BMS, ensures desired temperatures and pressures are maintained throughout the building's offices and workshop zones. As part of the commissioning process the eBCon controllers were brought online to the Belfast Trust's estate wide enteliWEB BMS software providing a graphical interface and alarm management system to route critical alarms to estates staff.



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COMMISSIONING SERVICES

Coral Environmental were engaged by William Coates to carry out the pre-commissioning cleaning, system chlorination and chemical treatment of the new Non-Critical Services Building at the RVH. Our team of experienced, certified engineers worked closely with the Trust Estates Department, Commissioning Manager and William Coates to deliver turnkey commissioning services, disinfection, chemical cleaning, biocide wash, dynamic flushing & chemical treatment, all in accordance with BSRIA BG 29/2012 and BS 8558:2015 standards. The water quality and system parameters were monitored throughout the flushing &



disinfection process. These checks included independent, UKAS accredited analysis of microbial activity for nitrite reducing bacteria (NRB's), sulphate reducing bacteria (SRB's) and Pseudomonas. Witness sampling, satisfactory analysis results and compliance certification led to a successful

completion and handover in the agreed time frame and cost.



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GRANT LAUNCHES AERONA³
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Grant AERONA³ R32 air
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Ultimate energy efficiency from Grant

Heating technologies manufacturer Grant is driving Ireland's plumbing and heating industry forward with the launch of its AERONA³ R32 inverter driven air source heat pump range. Available in outputs of 6kW, 10kW, 13kW and 17kW, the new A+++ air source heat pumps feature R32 refrigerant which has a lower global warming potential than typical heat pump refrigerants and therefore provides a cleaner and more environmentally friendly performance. The introduction of the range is a significant development for the plumbing and heating industry as the demand for more environmentally friendly forms of home heating continues to rise and comes ahead of the upcoming legislative targets outlined in the 2014 EU Fluorinated Greenhouse Gas (F-Gas) Regulations. Reinforcing Grant's commitment to providing market-leading heating solutions, the units within the range not only provide cleaner and more sustainable operation, but also exceptional efficiencies, achieving an A+++ energy rating at low temperatures such as 35°C or 45°C and are set to build on the successful legacy of Grant's existing air source heat pumps which are a firm favourite for home-owners and installers throughout Ireland.

Commenting on the range, Barry Gorman, Grant Technical team said, "The introduction of R32 refrigerant into our air source heat pump offering is a really important development for the heating of properties in Ireland. With any model within the range, end-users can make a positive impact on their carbon footprint without sacrificing efficient home heating to do so."

All four models within the R32 range boast superior seasonal coefficient of performance (SCOP). Depending on the climate conditions and demand on the heating system at the time, they can deliver 4kW of heat energy for every 1kW of electricity used. Even if external temperatures were to drop as low as -20°, the heat pumps' output will modulate up or down depending on the exact climate conditions to ensure ultimate energy efficiency for the property.

The refrigerant used within the AERONA³ R32 range is a single component refrigerant meaning that it has no temperature glide. With just one molecule in its formation, the AERONA³ R32 model's saturated liquid and vapor temperatures are the same. This removes the risk of the refrigerant experiencing temperature glide and, without this, the system can recharge and recycle with greater ease, making it more efficient overall.

Single phase in design, the AERONA³ R32 heat pumps provide built-in weather compensation and a base tray heating element to prevent ice formation. The heat pumps are suitable for S-Plan heating control systems and have many familiar features which installers have come to associate with the AERONA³ air source heat pump range. Similar to all products within Grant's expanding product portfolio, the models boast an easy installation and maintenance process.

Barry added, "In addition to strong performance and eco-friendly benefits, the R32 air source heat pumps also have minimal impact on their surroundings thanks to their compact design and discreet operation. This is taken one step further by the 13kW and 17kW heat pump models which recently received recognition from Quiet Mark following acoustic testing and assessment."

Contact us...

Contact the Grant Technical Team:
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Update:

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

OFTEC RESPONDS TO ENERGY SAVINGS TRUST ARTICLE RELATING TO OIL-FIRED HEATING IN NORTHERN IRELAND...

A vision for the future

OFTEC's Ireland Manager David Blevings has responded to an online article posted on the Energy Saving Trust website entitled, "Northern Ireland; reducing dependency on oil-fired heating." In a comment article published on the website 'OilFiredUP', David Blevings suggested that the author of the post Gary Hartley did a good job in explaining how heating and energy landscape in the north differs from the rest of the UK. However, David noted that Hartley had failed to point out that Northern Ireland's high dependence on oil means that it is perfectly positioned to make the easiest switch to low carbon heat than the rest of the UK. The OFTEC Ireland manager noted that this can be achieved with the lowest capital expenditure and the simplest transition pathway – by switching existing homes to low carbon liquid fuels.

OFTEC's strategy for the future of the heating industry sets out a clear plan to decarbonise the liquid fuel sector. The vision is based on the premise of decarbonising the fuel used by existing equipment in homes, thus minimising cost and disruption to home-owners while also offering a simple transition to a practical green alternative. OFTEC will see the phased introduction of



a sustainable biofuel, initially with a FAME/kerosene mix working up to a renewable biofuel by 2040. With the reintroduction of a local Assembly, OFTEC would seek the introduction of a renewable target on heating, similar to that for road fuels, ensuring all users moved as one to the new bio-liquid fuel.

OFTEC Ireland has also stepped up its lobbying campaign in urging the Irish Government to take a more realistic approach to reducing carbon emissions within the home heating sector. This follows a recent announcement by the Sustainable Energy Authority of Ireland (SEAI) that it was to stop funding a pilot grant scheme to help home-owners retrofit their homes in Ireland to significantly upgrade their energy rating. The Minister for Communications and Climate Actions Richard Bruton later announced that the SEAI's decision would be reversed. Following the recent launch of the Government's Climate Action Plan last July, OFTEC has been emphasising the need to implement a fair, efficient methodology to tackling climate action in homes. OFTEC has contacted, by

letter, every sitting TD in the Republic of Ireland, drawing attention to its concerns and making them aware of its vision. Calculations show that if all 686,000 liquid-fuelled boilers move to a B30 biofuel (30% FAME/70% Kerosene mix) the carbon saving would be twice as much as the Department of Climate Change and Energy Efficiency proposal to move 170,000 oil-fired homes to air source heat pump by 2030.

As part of its activity to increase the use of OFTEC registered technicians, the organisation is visiting all the Councils in the Republic to demonstrate the benefit of using registered technicians and receiving control documents for the work carried out. Local authorities are better informed and are now looking for the required documents, e.g TI/133D, CD11 and CD14 for oil works and CD80 and CD81 for solid fuel as stated in the housing legislation July 2017. As an OFTEC registered technician, getting in touch with your local council could help win you more business. Make sure you are sporting the current logos on your van and if you need updated logos you can download them from the technicians' area of the website.

David Blevings, OFTEC Ireland Manager on T: 028 9186 2916

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

www.oftec.org



Promoting Excellence in Heating

Triton's Novel SR delivers a relaxing shower experience

The new Triton Novel SR (RRP €299) will introduce a fresh new look, featuring Triton's Quiet Mark approved, quiet pump technology for a relaxing shower experience.

The Triton Novel SR silent-running power shower is the perfect solution for those with low pressure systems. It includes features you have come to expect, with easy-to-use start stop button and variable flow control and temperature dials featuring a contemporary chrome design to add great styling to any bathroom. It also boasts an improved temperature over-ride button means safety is paramount, while those preferring a hotter shower are still catered for. However, the main feature of the

'Novel SR' is Triton's built-in silent running motor design, which now allows the user to enjoy a powerful shower in blissful peace and quiet with no noisy pump whirring inches from their ears.

Providing thermostatic temperature control, and delivering a flow rate of up to 14 litres per minute, the Novel SR provides a continuous running performance, ensuring there is no waiting around between showers for busy families.

The entire range of electric, digital and mixer showers is available from Triton, visit www.tritonshowers.ie.



Triton Novel SR - silent running thermostatic power shower.

"The Triton Novel SR silent-running power shower is the perfect solution for those with low pressure systems."

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Rinnai can offer advantageous cost savings for installers and end users. The company's low-NOx Infinity HDC 1600i models utilise Rinnai's patented pre-mix burner technology with a 14-1 turn down ratio – the largest on the market – of 58.4kw-4.05kw with extremely quiet operation.

www.rinnaiuk.com



RIELLO LAUNCHES INSTALLER VIDEO FOR RDB BX LOW NOX BURNERS

Riello has introduced a video guide for installers, covering all aspects of the RDB BX ErP-compliant low NOx oil burners. The video is divided into sections providing step-by-step instructions for installation, commissioning, maintenance and fault-finding. For ease of use, it follows the format of the manual, so that each step described in the manual is also demonstrated on the video. RDB BX burners feature improved combustion technology to ensure that NOx levels comply with the latest ErP regulations.

www.rielloburners.co.uk/about/videos



RINNAI CELEBRATES ITS FIRST 100 YEARS OF MANUFACTURING

Rinnai, best known in the UK for its comprehensive range of hot water and heating home units, is globally celebrating its first 100 years of manufacture in serving its customers with a three-year period of planned anniversary related events to connect to the start of the company's next centenary. "The company has evolved and developed into a group that produces a diversity of products and services that directly benefit ordinary people in their daily lives," said Rinnai UK Managing Director Tony Gittings.

www.rinnaiuk.com



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