



# HRS

## **HAMPSHIRE REFRIGERATION SOCIETY**

Serving the Refrigeration, Air Conditioning, Heat Pump & Environmental Industries

# ***HRS Welcomes you back***

*On behalf of the Hampshire Refrigeration Society (HRS), we are delighted to welcome you to the third edition of our Quarterly Bulletin.*

*This issue brings together updates from across our industry, society news, and a look at the exciting developments shaping the world of refrigeration, air conditioning, and heat pumps.*

*We are especially pleased to share the success of our Annual Golf Tournament, held once again at the prestigious Old Thorns Golf Club. The day proved to be a resounding success and was thoroughly enjoyed by all who took part. With excellent weather, lively competition, and great camaraderie, it was a highlight of the HRS calendar. Our sincere thanks go to all participants, sponsors, and organisers who made the event possible your continued support helps strengthen the spirit of our society.*

*As always, our aim through this bulletin is to keep members connected, informed, and engaged with both the technical and social sides of our industry.*

*Thank you for your ongoing support, and we look forward to seeing many of you at our upcoming meetings and events.*

*With best wishes,  
The HRS Committee*



# Keeping you informed and up to date – HVAC News & Trends, Autumn 2025

## **Heat Pump Boom in the UK**

Thanks to recent reforms, namely, the removal of planning permissions for installations within one meter of property boundaries, heat pump uptake in the UK has surged. Applications under the Boiler Upgrade Scheme rose by 54% in the first half of 2025 compared to 2024. In June alone, 3,715 applications were made, up from 2,687 the same month last year. With approximately 100,000 heat pumps sold in 2024, the UK remains on track for its ambitious goal of 600,000 annual installations by 2028.

## **AI-Powered Energy Efficiency**

Artificial Intelligence is transforming building energy use. A study at 45 Broadway, New York, showed an AI-driven system cut HVAC energy use by 15.8%, saving \$42,000 annually and 37 tones of CO<sub>2</sub>. More broadly, AI can reduce energy consumption by at least 8% in buildings globally.

## **Growth Drivers & Market Momentum**

The global HVAC market is booming forecasts predict growth of 7.4% annually from 2024 to 2030. Demand for commercial air conditioning is rising at a similar pace, while spending on HVAC service-management software is expected to hit USD 1.09 billion by 2030.

## **Shifting Gear to Low GWP Refrigerants**

Environmental pressures are driving a transition to low-Global Warming Potential (GWP) refrigerants. Systems are moving toward R290 (propane), R1234ze, and R-454B, as well as CO<sub>2</sub> options. Modular and scalable system architectures are leading the charge

## **AI & Data Centre Cooling Surge**

Cooling demand related to AI and Data Centre's is accelerating. Modine Manufacturing reported a 69% sales increase in its data center segment in 2024. The company is expanding its manufacturing capacity in the U.S., Canada, and the U.K.



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### **Modular, Smart Systems & IoT Integration**

The rise of AI, IoT, and smart controls is reshaping HVAC. From self-learning thermostats to predictive maintenance, these technologies enhance energy efficiency, user-driven comfort, and system responsiveness. HVAC-as-a-Service (HVACaaS) models are emerging to make upgrades more affordable.

### **Advances in HVAC Technology**

Chilled beams both passive and active are gaining popularity in large buildings due to their energy savings (up to 20%) through reduced reliance on duct systems.

Similarly, heat recovery ventilation (HRV/ERV) recovers up to 95% of thermal energy from exhausted air, greatly improving ventilation efficiency



## **Summary: What This Means for HRS Members**

- \* Expect continued growth in heat pump installations, especially as regulatory barriers fall.
- \* Embrace AI-driven controls and smart systems to boost energy efficiency and stay competitive.
- \* Prepare for the move toward low-GWP refrigerants, including R290, R1234ze, and R-454B.
- \* Data centre cooling and modular tech offer new business opportunities.
- \* Stay informed on advanced solutions like chilled beams and heat-recovery systems for energy-efficient building design.





Our 38<sup>th</sup> Annual golf Tournament was nothing short of spectacular and officially our BIGGEST and most successful even yet!

From record breaking attendance to incredible community support, perfect weather, and unforgettable moments on and off the golf course, this years tournament was a roaring success!

A massive THANK YOU to all our players, sponsors, and supporters who helped make this milestone event truly unforgettable. Your energy, generosity, and enthusiasm were the driving force behind it all!

*A Day of  
Success*

***Our 2025 Sponsors:***

***Carrier, Fujitsu General AC (UK) Ltd, iCool, Blygold UK Ltd, Cupori-Oy, Yellow Jacket, Danston Ltd, Fridge Hub, LU-VE Europe, Old Thorns Hotel, Cool Designs Ltd, RS Refrigeration Ltd, Celsius Hire Ltd, Carel UK Ltd, A-Gas, DivesiTech, Aspen Pump Group.***







GOLF

WINNERS!

### Texas Scramble 1st Tee:

Nearest the pin hole 4 - Kevin Portsmouth  
Longest drive hole 3 - David Wolfenden  
9 Hole Texas Scramble runners up - A-Gas Team 'A'  
9 Hole Texas Scramble Winners - Carrier HVAC

### Texas Scramble 10th Tee:

Nearest the pin hole 10 - Alex Anderson  
Nearest the pin hole 16 - Tony Holland. AMInstLM  
Longest Drive Hole 14 - Tom Luff M.Inst.R  
9 Hole Texas Scramble Runners up - Javac Ltd  
9 Hole Texas Scramble Winners - Ultimate Air Ltd 'B'

### 18th Hold stableford nearest the pin and longest drive competition:

Hole number 3 - Ethan Blackwood EISM  
Hole number 14 - Andrew Robinson  
Hole number 17 - Daniel McQueen  
Hole number 18 - James Morgan  
Nearest the pin Hole 4 - Stephen Taylor  
Nearest the pin Hole 7 - Joe Pace  
Nearest the pin Hole 10 - Susie Leverton  
Nearest the pin Hole 16 - James Richardson  
Nearest the pin Hole 9 in 2 - Luke Mason

### 20-28H/C 18 Hole Stableford Individual:

Runner up - Billie Duddell 35 Points  
winner - Kevin Portsmouth 38 Points

### 12-19 H/C 18 Hole Stableford Individual:

Runner up - Nick Cape 35 Points  
Winner - Steve Alden 40 Points

### 1-11 H/C 18 Hole Stableford Individual:

Runner up - Kyle Bray 37 points  
Winner - John Mcevoy 40 points

### Best Nett Score 18 Holes:

Runner up - John Mcevoy 40 points on count back  
Winner - Steve Alden 40 points on count back

### Best Gross Score 18 Hold Stableford Individual:

Runner up - John McEvoy 30 Points  
Winner - Andrew Robinson 34 Points

### 18 Hole Stableford TEAM

4th place - A-Gas Team 'B' 84 points  
3rd place - A-Gas Team 'A' 85 points  
2nd place - iCool Refrigeration 'B' 89 points  
Winners - Carel UK Ltd 93 points

Need to play more Golf - Jonny Drabble



# ***BUSINESS EDGE LTD CELEBRATES 30 YEARS OF EXCELLENCE***

This year marks a significant milestone for Business Edge Ltd, founded in 1990 by Mike Creamer FInstR, who continues to lead the company as Managing Director. Over the past three decades, Business Edge has built a reputation as one of the UK's foremost providers of training, certification, consultancy, and troubleshooting services for the Refrigeration, Air Conditioning, and Heat Pump industry.

The company has worked closely with major manufacturers, acted as a Special Projects Partner for chilled water and VRF products, and even served as an Expert Witness in court proceedings. With its combination of technical expertise and practical experience, Business Edge stands apart as far more than "just another training organisation."

Its training portfolio is extensive, covering F-Gas, flammable refrigerants, CO<sub>2</sub>, and more. Business Edge has also played a leading role in developing training standards, most recently working with the CITB to produce a fully updated, streamlined F-Gas course. Their experts also contributed significantly to the official F-Gas Technical Manual. Beyond generic programmes, the company designs bespoke training courses tailored to the individual needs of businesses and certification bodies.

The Business Edge "family" includes Mike, his wife Maggie, and daughter Jenny, alongside long serving team members such as Kelvin Kelly, Training Director, who has now completed 26 years with the company. Several other dedicated staff also contribute to its ongoing success.

Over the years, Business Edge has given invaluable support to the Hampshire Refrigeration Society, delivering numerous lectures and discussions at our Technical Breakfast Briefings (TBBs). Delegates who attend their training do not simply gain certification; they benefit from the in-depth knowledge, passion, and commitment of one of the industry's leading organisations.

In addition to their training work, some of our longer-standing members may recall the AC&R Masterclass Series of technical articles published monthly in one of the industry's leading magazines. These have now been updated and will be made available to HRS members via our media platforms and mailing lists.

On behalf of the HRS Committee, we extend our congratulations to Business Edge on reaching 30 years and wish them continued success for the future. We also look forward to confirming further exciting collaborations between HRS and Business Edge in the months ahead

***Congratulations!***



# ***Christina Taliadoros Joins Danfoss Climate Solutions***



We are delighted to announce that Christina Taliadoros, formerly of Climate Centre in Chandlers Ford, has joined Danfoss Climate Solutions as Key Account Manager within the wholesale and distribution business.

In this expanded role, Christina will work alongside Lizzie Dunlop and Brian Skelly, reporting to Andy Cook, Head of IDS Shared Sales – Nordics & UK.

Her focus will be on strengthening relationships with wholesale partners and indirect customers, as well as driving business development through daily engagement with installers and contractors.

A key part of her remit will also involve gaining specification with end users for Optyma condensing units and refrigeration and air conditioning controls. On behalf of the HRS, we wish Christina every success in her new position.





# Tony Twine of J&E Hall retires!!

*John had recently been in touch with Tony, and he told him I am going to retire!!! You won't retire, you are like me, we love this industry and will not go anywhere. No, I am going he said, you and me have been around such a long time that I don't even know where and when you started your journey into the RAC industry. You must have met hundreds of people over the years with different company's and offered them product and technical support in your role as a sales executive and manager. So, where did it start?*

*Tony's story:*

*Well, my first job was as a Student Apprentice at Vokes Ltd who sponsored my education in Mechanical Engineering. Once qualified I had a stint designing products and installations for a clean room equipment manufacturer.*

*In the mid 70's I decided to go into sales, purely because you got a company car, wore suits, and even had an expense account. Early in my sales career I sold AHU's, HX coils and large centrifugal fans to OEM's and installers. One of my major customers was Searle who had an opening for a sales associate in the South which, as they knew me, I was offered the position. That gave me a good grounding in refrigeration, and I totally enjoyed the work and was very settled. Then they took over one of their competitors, Custom Coils and absorbed their products into Searles, with the plan to set up CC as just coil manufacturers. I was tasked with taking these products to market. These were some of the most informative years of my working life, totally enjoyed it and met some great people. My next move was to Dunham Bush as Southeast Sales Manager based in the Emsworth office, which was above the local undertakers! Under the guidance of the sales director Ron Farminer, I progressed to UK sales manager, then General Manager based at the new Havant factory. In those days we had 10 regional sales offices and factories in Havant and Germany making commercial and industrial heating products, chillers, fan coils, etc. Again, great days, business was hard but, with such a well-established name behind the products, selling was rewarding. Due to changes in ownership and direction I left what I thought was my job for life and accepted a position at Eaton-Williams as UK Sales Manager for the Qualitair brand together with Moducel AHU's. The former led me into the Commercial refrigeration market which I thoroughly relished as it was quite different from my previous markets. With my colleague Ron Pamplin we took Qualitair to the top of the market and life was good!*

*In 2008, J & E Hall approached me to take on the management of their newly created Commercial Products business, I jumped at the chance as I had known and sold to J & E Hall nearly all my working life. I was 56 so I thought OK, "I can do this for the next 9 years then retire, move to Ireland with my horses (and my wife) and put my feet up". Together with my small team, which had been together from the start, we had taken the brand to become the market leader in its sphere and a major contributor to the J & E Hall business. So, what about the plan? Well, I moved to Ireland but forgot to retire, so now at 74 it's time to hand over to my team for them to drive the commercial business even further...as for me? No, I can't stop altogether...I love this industry and the work so much... so I will stay on looking after the Irish market and help our distributor to increase sales there. But I suppose I will have to eventually retire.*

*So, to all the people I have known and worked with over the years, the customers that I have worked with and those that I have become friends to (some of whom are sadly no longer with us). So, I THANK YOU for being a big part of my RAC career, it has been great working with you all, even with John your Chairman.*

*This is not goodbye it is just ADIOS.....*

*The HRS thanks Tony for his story and we all wish him continued success and our best wishes for his future pursuits in Ireland the Emerald Isle.*



# ***In Memory of Paul Moseley FInstR***

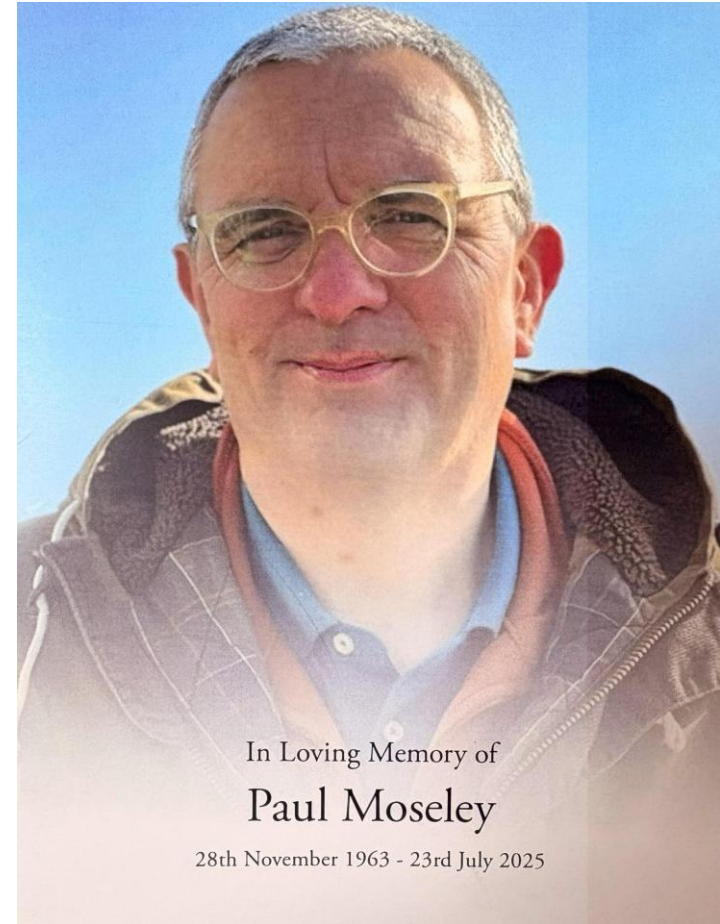
*On behalf of the Hampshire Refrigeration Society, we extend our heartfelt condolences to Paul's family and friends.*

*Shortly before his passing, Paul was honored as the recipient of the Hampshire Refrigeration Society's Achievement Award 2025. Owing to his illness, his colleague Bernie O'Hagan accepted the award on his behalf.*

*Paul was widely respected by customers and colleagues alike. Known as the "go-to" person in the Projects Department, he played a key role in preparing and completing countless quotations, always with dedication to meeting customer needs.*

*We also wish to share our sympathy with Paul's many friends and colleagues at Coolers & Condensers Ltd in Fareham, where he will be deeply missed.*

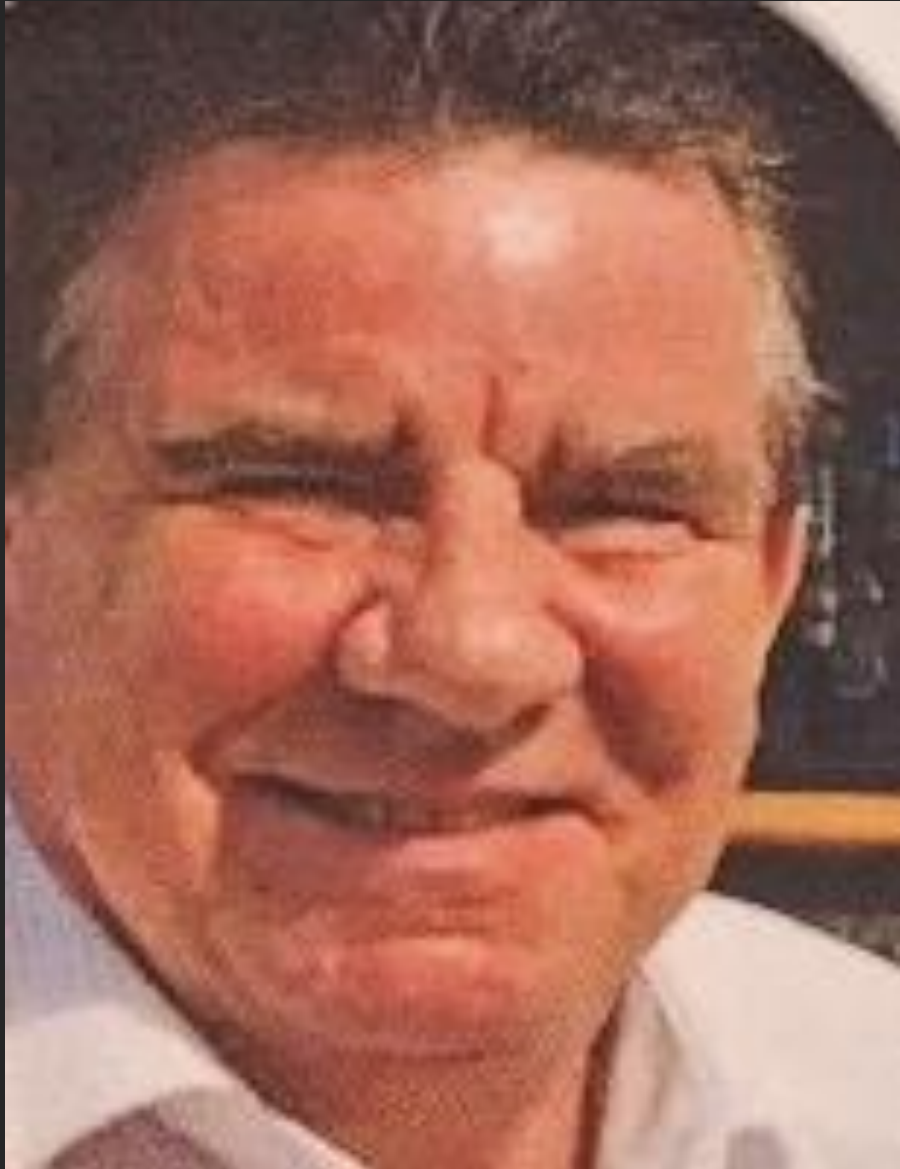
*Paul, may you now be free from pain. Rest in peace.*



In Loving Memory of

**Paul Moseley**

28th November 1963 - 23rd July 2025



## *In Memory of Steve Groarke*

*It is with great sadness that we report the sudden passing of Steve Groarke of Ice-Cold Refrigeration, Southampton, on 12th June 2025.*

*Steve began his career straight from school as a refrigeration apprentice at Carter & Finmore Ltd, Onslow Road, Bevois Valley, under the guidance of John Emm. After five or six years, he moved to Prestcolds in Chandlers Ford, followed by a period at Falcon Air Conditioning.*

*With a strong desire to work for himself, Steve and his wife Lyn decided to establish Ice-Cold Refrigeration. Through hard work and commitment, they built a solid and well-respected business, later joined by their son James.*

*On behalf of the Hampshire Refrigeration Society, we extend our heartfelt condolences to Steve's family and friends. He leaves behind his wife Lyn and their two sons, Kevin and James.*

*Steve will be remembered with warmth and respect by all who knew him.*

*May he rest in peace.*





# *Damian Wiszniewski FInstR*

## *Steps Down from HRS*

On behalf of the Hampshire Refrigeration Society, we extend our sincere thanks to Damian Wiszniewski *FInstR* as he steps down from his role as Vice Chairman of the committee.

During his time with us, Damian's dedication, hard work, and support have been invaluable in helping to drive the Society forward, achieve short-term goals, and contribute to our continuing success.

Damian's decision comes as he advances his career and returns to his homeland, Poland. After 21 years in the UK, working with several companies including his most recent role as UK Sales Manager of Carrier DX Products, Damian now takes up an exciting new position with Samsung Electronics as Head of AC Division, Poland.

On behalf of all at HRS, we thank Damian for his contribution and commitment and wish him every success in this new venture within the RAC-HP industry.

We also look forward to the possibility of welcoming him back to future HRS social and business events.

*Goodbye!*  
& THANK YOU



# WINTER GOLF IS 50% SOLD OUT

*We're excited to be in full planning for our Winter Golf Day that will take place on Thursday, 11th December at Paultons Golf Centre.*

*This popular event is already 50% sold out, so we encourage members to book your place soon to avoid disappointment.*

*As always, the day promises friendly competition, networking, and plenty of festive spirit, a great way to round off the year with fellow colleagues and friends from across the industry.*

*We are also welcoming event sponsors, whose generous support plays a vital role in the continued success of our golf days. Sponsorship is an excellent opportunity to showcase your company while supporting the Society and helping us deliver a memorable event.*

 *To book your place or enquire about sponsorship opportunities, please get in touch with the HRS Committee as soon as possible.*

**We can't wait to celebrate the season with you out on the course!**

# 2025 Dates to Remember

Date	Events Calendar
9 December 2025	TBB, City of Portsmouth College
11 December 2025	Christmas Winter Golf, Paulton's Golf Club Centre
2026 TBC	



# HRS TEAM



**John R Emm FInstR**  
**HRS Chairman**



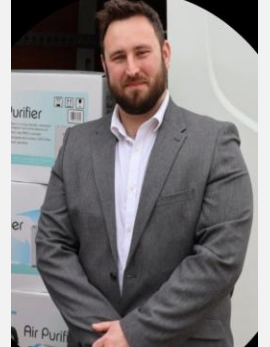
**Jayne Emm**  
**HRS Secretary**  
**& Treasurer**



**Craig Girdlestone**  
**FInstR**  
**Committee+**



**Nicola Prentice**  
**AMInstR**  
**Social Media & Events**  
**Co-Ordinator**



**Kyle Hobley**  
**Committee**



Serving the Refrigeration, Air Conditioning, Heat Pump & Environmental Industries



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<https://facebook.com/HampshireRefrigerationSociety>

# Boost Your Brand with HRS Sponsorship

Looking for a way to raise your company's profile within the HVAC industry? Sponsoring HRS events is a fantastic opportunity to showcase your brand, connect directly with industry professionals, and support the ongoing growth of our community.

As a sponsor, your business can shine through event prizes, branded advertisements, or memorable giveaways, all of which will be highlighted throughout our gatherings. Sponsorship not only promotes your company to a highly relevant audience but also demonstrates your commitment to the advancement of the refrigeration, air conditioning, and heat pump sector.

Interested in getting involved? Contact the HRS Committee to find out how sponsorship can help grow your business while contributing to the success of our events.

 Get in touch: [hрсcommittee@outlook.com](mailto:hрсcommittee@outlook.com)

