



# HRS

**HAMPSHIRE REFRIGERATION SOCIETY**

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

**HRS New Year News Bulletin**  
**QB1 - 2025**

# A Warm Welcome and Happy New Year from All at HRS

Dear HRS Members and Friends,

As we find ourselves already a quarter into 2025, we hope your festive season was filled with warmth, love, and cherished memories.

Our team kicked off the year with enthusiasm, having made great strides in the preparations for the very successful HRS Exhibition and our very first Technical Breakfast Briefing (TBB) alongside.

Planning is now in full swing for our prestigious Summer Golf event at Old Thorns, with invitations now sent out. We are also super excited to have secured a date for our Winter Golf which we can now officially announce will be held this December 2025 due to popular demand, please keep a look out for updates later this year!

We are thrilled to join the Institute of Refrigeration (IOR) in celebrating their 125th anniversary. We would like to encourage all with stories they may have to mark the 125th anniversary of the IOR to get in touch and be a part of the preparation of their special coffee table book to commemorate its history!

The IOR are extending their focus on education by celebrating the role in science, technology, engineering, and mathematics (STEM) in shaping the future of refrigeration and cooling industry. The IOR are actively engaging students with STEM toolkits, Lego kits and education resources which can all be available at [fantasticfridges.com](http://fantasticfridges.com).

This fantastic initiative aims to spark curiosity and creativity in children, demonstrating how refrigeration, air-conditioning and heat pumps work in a fun and interactive way.

We at HRS are passionate about enlightening and encouraging today's youth to join our ever-growing industry and are in full support of this initiative.

Looking into the world of Artificial Intelligence (AI) within our HVAC industry, I am sure we can all agree how AI is changing industries by making processes faster, smarter and more efficient. Every day the role of AI grows bigger, and in the future, it will have a strong impact on almost every industry. The HVAC (Heating, Ventilation, and Air Conditioning) industry is the one industry where AI is making a major difference. With AI, HVAC systems are not only improving and becoming smarter but more affordable, which benefits both customers and companies. AI most certainly is optimizing HVAC Design, we have seen how this has made vast improvements in helping us design energy-efficient, cost-effective systems that are capable of meeting the unique needs of buildings. As beneficial as AI is to our industry, there are many challenges such as AI systems need skilled workers who know how to set it up and keep running, many companies do not have enough trained people for this, along with this, the cost of installing AI technology can be very costly and it also raises concerns about privacy and security, AI will require investment into company training and upskilling of employees to best cope with the new technology.

Whilst challenges like training and high initial costs remain, the potential of AI in this industry is enormous. With continued innovation, AI will play an even bigger role in creating sustainable and reliable HVAC systems for the future.

With a busy start to the year, we look forward to networking, educational talks, and a successful 2025 ahead, thank you for your ever continued support.

**The HRS Team**



# HRS

**HAMPSHIRE REFRIGERATION SOCIETY**

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

# Looking ahead



The year 2025 marks a period of major transformation and challenges for the HVACR industry. With evolving regulations, businesses must adapt to new refrigerants, technologies, and compliance requirements.

One of the most significant changes is the mandated shift to lower Global Warming Potential (GWP) refrigerants. Beginning December 31, 2024, all newly manufactured comfort cooling systems must use low-GWP alternatives such as R32 or R454B, which ASHRAE classifies as mildly flammable (A2L). Unlike traditional R410A systems, many of these new models will feature Refrigerant Detection Systems (RDS) to trigger safety measures if an A2L refrigerant leak surpasses a specific threshold.

For contractors, this transition means ensuring all essential tools—such as gauges, manifolds, recovery machines, vacuum pumps, and leak detectors—are compatible with A2L refrigerants. While new R410A split systems can still be installed until December 31, 2025, manufacturers expect existing inventory to be limited, possibly running out by the first quarter of the year.

Although full-system production of R410A is being phased out, manufacturers are still permitted to produce individual components for servicing and repairing existing equipment. This allowance, outlined in the EPA's Technology Transitions Rule under the AIM Act, enables the continued manufacturing, importation, sale, and distribution of components for legacy refrigeration, air conditioning, and heat pump (RACHP) systems.

However, some industry groups have raised concerns that this provision may encourage ongoing component replacements rather than a full transition to newer systems. As a result, several organizations have urged the EPA to reconsider whether R410A-charged condensing units should be exempt from the final rule, warning of potential setbacks to climate initiatives. In response, the EPA has stated its intention to propose action on this issue but has yet to provide a timeline.

As the industry navigates these changes, HRS remains committed to keeping you informed and supported. We look forward to an exciting year ahead and hope to see you at our upcoming events.

# A Successful Start to Our 2025 Technical Breakfast Briefing!



**Our first Technical Breakfast Briefing of the year, held alongside our exhibition on the morning of March 19th, was a fantastic success! We were delighted by the strong turnout and grateful to our two exceptional speakers for kicking off 2025 with insightful discussions.**

## **Graeme Ross from Danfoss Climate Solutions shared a Presentation on Danfoss' Smart Store Highlighting Next-Gen Energy Efficiency**

In their presentation, Danfoss unveiled its cutting-edge Smart Store in Nordborg, Denmark, showcasing revolutionary energy-efficient solutions for food retail. The store, powered by 100kW solar panels, significantly reduces its reliance on conventional energy sources, demonstrating how supermarkets can operate sustainably.

A key focus of the presentation was the advanced heat recovery system, which captures excess heat from refrigeration units to provide heating and hot water. This innovation cuts heating costs by up to 90% and contributes surplus energy to the local district heating network. The store also integrates efficiency-enhancing features such as refrigeration doors and LED lighting, further reducing energy consumption.

Danfoss emphasized that the Smart Store is 50% more energy-efficient than conventional supermarkets and 30% more efficient than stores already using energy-saving measures. More than just a retail space, the store serves as a real-world testing hub for sustainable technologies, aiming to inspire global retailers to adopt zero-emission solutions.

The presentation reinforced Danfoss' commitment to reshaping the future of food retail, proving that sustainability and profitability can go hand in hand.





## Graeme Fox from Fgas Register (powered by Quidos) Presented: Outlines Future Training and Regulation Updates

The FGAS Register delivered a presentation on upcoming training requirements and legislative updates for the refrigeration and HVAC industry. Key regulatory changes include stricter phasedown targets for high-GWP refrigerants, enhanced leak detection requirements, and new compliance obligations for businesses.

To meet these evolving standards, the FGAS Register emphasized the need for updated training programs, covering low-GWP refrigerants, advanced leak detection, and revised certification requirements. Technicians are encouraged to upskill and ensure their qualifications remain valid.

The presentation highlighted the importance of industry collaboration to facilitate a smooth transition to more sustainable refrigeration practices, reinforcing the commitment to reducing fluorinated gas emissions.

### Thank You for Attending

A huge thank you to our speakers and everyone who joined us for this session. Your engagement and insights made this a valuable discussion.

We look forward to our future scheduled TBBs and continuing these important conversations. Please see the key dates and mark your diaries!





# Celebrating 40 Years of Innovation: The HRS Exhibition Milestone





# HRS



HAMPSHIRE REFRIGERATION SOCIETY



# EXHIBITION



# 2025



# HRS 2025 Exhibition A Day to Remember!

It's safe to say our event was a **resounding success!** We cannot thank you all enough for coming out to support not just the **HRS**, but every single exhibitor who helped make the day so special.

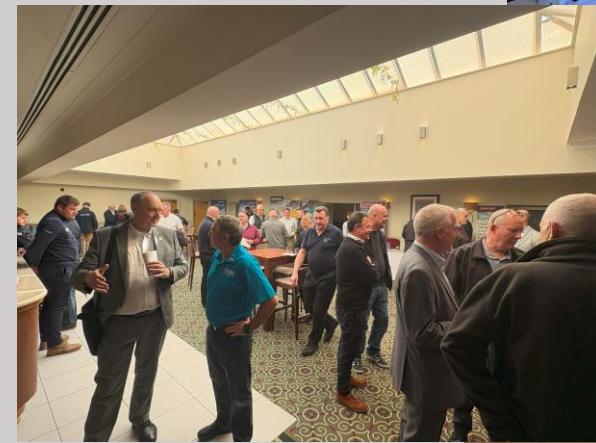
We'd like to take this opportunity to extend a **huge thank you** to our incredibly generous prize sponsors—**ACR, CDL, HRP/Beijer, Daikin, RSL Group, Aspen, FSW, Diversitech, Freedom, and Fieldpiece.** Your support means the world to us, and we truly appreciate your generosity.

A special shoutout to **every installer** who played a part in making our **2025 Exhibition a roaring success!**

Your impressive range of products, expert knowledge, and dedication were truly outstanding. It was fantastic to see how engaged and enthusiastic our attendees were, all thanks to the incredible experience you provided.

We appreciate **each and every one of you** for contributing to the success of this unforgettable event. From all of us at the **HRS Committee—thank you!**

We can't wait to see you all again soon!



**HRS**  
HAMPSHIRE REFRIGERATION SOCIETY  
EXHIBITION  
2025





# Celebrating Our Fantastic Prize Winners!



# A Special Thank You to Our Generous Prize Donators!



# Prize Sponsorship Opportunity – Support Our Successful Golf Day!

 Our much-anticipated **Golf Day** is upon us and planning is now in full swing, we are looking for generous sponsors to contribute prizes! If you or your business would like to get involved, we'd love to hear from you. Your support is truly valued and appreciated—it helps make this event a great success! 

 **Please Get in touch today**  
[Hrscommittee@outlook.com](mailto:Hrscommittee@outlook.com)



## OLD THORNS

HOTEL & RESORT



**38<sup>th</sup> ANNUAL GOLF  
TOURNAMENT**

**2025**

TEeing OFF SINCE 1988

# ***Our Winter Golf is Back!!***



**You spoke, we listened... Our Christmas Winter Golf is back by popular demand! 🎄 🏌️**

**Yes, you heard us right—we are thrilled to bring back this much-loved festive event!**

 **Paultons Golf Club**  
 **11th December 2025**

**Mark your calendars and save the date! If you're not on our mailing list, be sure to send us an email so you don't miss out when invitations go out later this year.**

**We can't wait to celebrate the season with you on the course once again! 🚌 🏌️**



# CELEBRATE!

## *Celebrating 23 Years of Dedication: Thank you, Jayne Emm*

*This month marks the 23rd anniversary of Jayne Emm's invaluable contributions to the HRS committee. Jayne first joined in March 2002 as Membership Secretary, attending all monthly meetings, which were then held at The Golf Academy in Stoneham Lane, Eastleigh. Through her dedication, she quickly became a familiar face, getting to know many members and guests while becoming more actively involved in the society.*

*As Social Events Coordinator, Jayne played a key role in organizing memorable functions, including our popular dinner dances at The Concorde Club, Riverboat Shuffles, and Go-Karting events.*

*Over time, she took on even greater responsibilities, assisting Chairman John Emm with the Annual Golf Tournament. As her involvement grew, she embraced additional roles as Secretary and Treasurer, overseeing finances, raising invoices, and managing cash flow.*

*Outside of HRS, Jayne enjoys traveling with John and is always on the lookout for her next sunny getaway!*

*Congratulations, Jayne, on 23 years of outstanding service to HRS. Your dedication and commitment make you one of our longest-serving and most valued committee members*

# WHERE ARE THEY NOW?



Ever wondered what happened to HRP's and FSW's very own John D. Hobley since his retirement? Well, wonder no more! We're taking a trip down memory lane to 1998, where JD was captured in his element at the Botley Park Hotel and Golf Course during the HRS 11th Annual Golf Tournament. It was a day filled with camaraderie, competition, and, of course, a few wayward golf shots! In the accompanying photo, we also see three Committee Members who took part in the day's events.

From left to right: Adrian Dyer (WR Ref.), JD himself (HRP), and Clive Richards (Ex Dean & Wood). Sadly, Clive passed away several years ago, but his presence and contributions to the group are fondly remembered.

As for JD, retirement seems to be suiting him exceptionally well! He has traded in board meetings and business dealings for the tranquillity of his expansive *estate* in the rolling hills of South Wales (or so he likes to call it! 😊).

These days, his focus has shifted from managing teams to managing his garden—a task he takes just as seriously as he did his career.

In the latest snapshot, JD is seen basking in the peace and quiet of his beautifully maintained grounds, having just finished mowing the lawns and carefully trimming the foliage. With his work for the day complete, he now patiently awaits his well-earned *medicinal* Gin & Tonic, no doubt served with just the right amount of ice and a perfectly cut wedge of lime.

JD, on behalf of the HRS Committee, we send our very best wishes and hope you continue to enjoy every moment of your well-deserved retirement. Of course, we won't let you off the hook that easily—we look forward to catching up soon and, who knows, maybe even seeing you back on the green at the next golf day!

Until then, cheers to you, JD! 🍸 🌿



# A Life of Dedication: Remembering John Buswell, FInstR

*Born in 1948, John embarked on his career as a Refrigeration & Air Conditioning Engineer straight from college, qualifying in 1968. Over the next 56 years, he dedicated his life to the industry, working tirelessly until his passing at the age of 75. His unwavering commitment and passion for his profession left an indelible mark on those he mentored and worked alongside.*

*John was an Associate Member of the Institute of Refrigeration for 44 years, always striving to expand his expertise. In 2011, he obtained his FGAS certification, further cementing his dedication to professional development. His career was not just a job but a lifelong vocation, as he mentored countless apprentices and generously shared his wealth of knowledge.*

*Throughout Devon and Cornwall, John earned a trusted reputation as a loyal businessman and respected industry leader. His skill and integrity were widely acknowledged by colleagues and clients alike.*

*Beyond his professional achievements, John was a cherished patriarch—a devoted husband, father, grandfather, great-grandfather, brother, cousin, uncle, and friend. His sudden passing in July 2024 was deeply felt by all who knew him.*

*John's funeral, held at Buckfast Abbey, was attended by over 200 mourners, many of whom remain active in the industry he so loved. His enduring legacy is the immeasurable contribution he made to the design, installation, commissioning, decommissioning, repair, maintenance, and servicing of refrigeration, air conditioning, and heat pump systems.*

*John's daughter, Helen Buswell, approached the Institute of Refrigeration for recognition of her late father's dedication and contributions to the industry. It is with great pleasure that the HRS support the IOR in the approval of his Fellowship award in his memory.*

*His family takes comfort in knowing that John's skills, knowledge, and passion live on through those he trained and mentored over five decades.*

**RIP John C. B.**



# 2025 Dates to Remember



## Date

## Events Calendar

17 June 2025

TBB, Coolers & Condensers, Fareham, PO15 5SA

17 July 2025

38<sup>th</sup> Annual Golf Tournament

10 September 2025

TBB, City of Portsmouth College

9 December 2025

TBB, City of Portsmouth College

11 December 2025

Christmas Winter Golf, Paultons Golf Club





# HRS TEAM



*John R Emm FlnstR  
HRS Chairman*



*Jayne Emm  
HRS Secretary  
& Treasurer*



*Damian Wiszniewski  
FlnstR  
Vice Chairman*



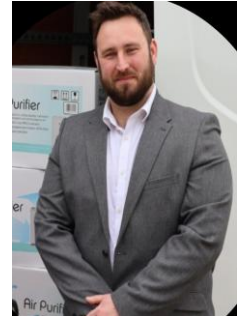
*Craig Girdlestone  
FlnstR  
Committee+*



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



*Michal Wiececzek  
MInstR  
Committee*



*Kyle Hobley  
Committee*



# HRS

**HAMPSHIRE REFRIGERATION SOCIETY**

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

Contact us at:



[hrscommittee@outlook.com](mailto:hrscommittee@outlook.com)



[www.linkedin.com/in/hampshire-refrigeration-society](http://www.linkedin.com/in/hampshire-refrigeration-society)



<https://facebook.com/HampshireRefrigerationSociety>

# Giving Back to the Industry a New Chapter in HRS Fundraising

*The launch of our very own fundraising initiative is still ongoing and designed to make a lasting impact.*

*The goal of this initiative is to provide educational opportunities for individuals from underprivileged or disadvantaged backgrounds, helping them to join our beloved industry. By raising funds, we aim to empower talented individuals who might otherwise miss the chance to pursue their aspirations.*

*To support this cause, we've introduced exclusive, personalized HRS badges. These badges represent not just a symbol of our society but also the commitment to fostering the next generation of industry professionals.*

*Stay tuned for more updates as we work together to make this vision a reality. Let's continue to pave the way for a brighter future.*

*"One badge and one opportunity at a time."*



# WE NEED YOUR SUPPORT



## BECOME A SPONSOR!

Looking to elevate your company's presence in the HVAC industry? Sponsoring HRS events is a powerful way to showcase your brand, connect with industry professionals, and contribute to the growth of our community.

As a sponsor, you can make an impact by providing prizes, advertisements, or exciting giveaways that will be highlighted throughout our events. This is a unique opportunity to promote your business to a highly targeted audience while supporting the advancement of the HVAC sector.

Want to learn more about sponsorship opportunities and how your company can get involved? Contact a member of our committee today and discover how sponsorship can help grow your business while supporting HRS events.

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