



Crystal Air

Fresh. Pure. Clear.

Mission Critical Cooling Data Centers



- Trusted Partners
- Expertise
- 24/7 Technical Support
- Quality Assurance

About Crystal Air

Leading provider of cooling services for data centres in Europe, providing primary cooling systems for the data halls, secondary systems for switch and battery rooms, as well as tertiary systems for administration and staff areas.

Boots on the ground in Netherlands, Belgium, Germany, Finland. Wider experience in Denmark, Sweden, Norway and Switzerland to date.

Owned and operated by engineers for 25 years.

We are working with four out of five of the world's largest technology firms - why aren't we working with you?

To get the best from your IT cooling equipment it's critical that it's installed correctly, by using Crystal Air you are using the most trusted contractor in the sector.

- 📍 **Finland** x 4 Locations
- 📍 **Sweden** x 3 Locations
- 📍 **Belgium** x 5 Locations
- 📍 **Dublin** x 25 Locations
- 📍 **Holland** x 3 Locations
- 📍 **Denmark** x 5 Locations
- 📍 **Germany** x 4 Locations
- 📍 **Netherlands** x 2 Locations



Customer Testimonials



We appointed Crystal Air as a fundamental part of our procurement to deliver on fast turn-around Hyperscale data centres. They provided industry expertise for DX and VRF cooling, leak detection and CRAC unit installation and commissioning. The work was to a high standard and completed to the Team Jones quality levels expected for these important sites both in Ireland and other European locations.

Shane Gillece
Group Director, Industrial and Process Mechanical Division



Crystal Air has been working continuously with Lynskey Engineering on Hyperscale Data Centre projects since 2012. The high standard of work, continuity of professional staff and detailed involvement at Director level from the company has ensured that Crystal Air continues to be an essential element of our Data Centre delivery team.

Sean McElligott
Managing Director

Partner Technologies



Daikin is a world leader when it comes to heating and cooling. With over 90 years of innovation and engineering expertise in specialised cooling, Daikin offers a Sky Air solution that is reliable, efficient and flexible to meet the demanding needs of infrastructure cooling environments. Indoor systems for infrastructure cooling environments need enhanced capabilities for continuous heat transfer because they work harder to extract energy by cooling dry air.



Complex IT Environments are often characterised by variable cooling loads, which require a high cooling capacity at full load in order to allow the IT equipment to operate correctly when it is most needed. The Mitsubishi IT Cooling range makes it possible to keep temperature and humidity constant even with very wide load variations, ensuring the correct room conditions all year round.



With more than 30 years of experience, selling to more than 120 countries around the world, Panasonic is unquestionably one of the leaders in the heating and cooling sector. With a diverse network of production and R&D facilities, Panasonic delivers innovative products incorporating cutting edge technologies that set the standard for air conditioners worldwide.



Formed in 1974 in Leeds, Airedale first product was a close control unit aimed at computer rooms and hospital theatres. They now manufacture CRAC units and chillers from their 23000 sq mtr state of the art facility.



Formerly known as Emerson Network Power, Vertiv was formed in 2016 as a global provider of mission critical infrastructure technologies. Included in their portfolio is the Liebert brand of IT cooling solutions, which are manufactured for Europe in Zagreb, the capital of Croatia.

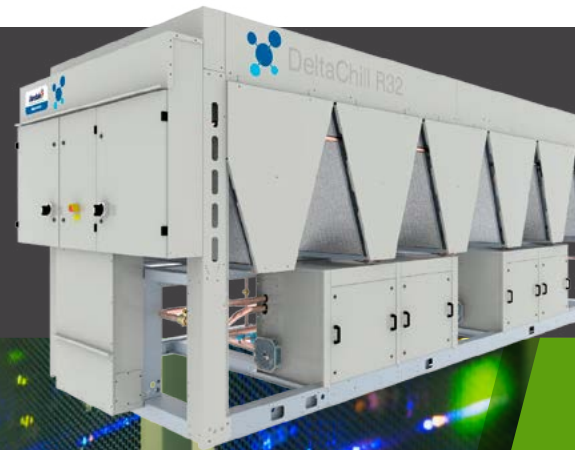


Edpac are an Irish success story, established in 1968, as Electronic Data Processing Air Conditioners. From Cork they have grown to service the DC of Europe, the Americas, the Middle East with precision environmental control & data-hall pressurisation systems.

Working with only the best manufacturers for over 20 years. Our philosophies of collaborative partnership, just in time processes and continuous improvement have provided us with the necessary tools to become a leader in the specification, installation, commissioning, and maintenance of cooling systems.

Data Center Cooling Services

- Air Handling Units
- CRAC Units
- VRV / VRF Systems
- Hybrid VRF Systems
- Split AC Units
- Heat Recovery & Ventilation
- Chillers
- Ducting, Grilles
- Refrigeration





Innovation Engineering is key to keeping Crystal Air focused on improving the client experience.

Don Hoban

Business Development, Design Engineer

Don is an engineer with over 20 years' experience in the refrigeration and air conditioning industry, from designing heat pumps at component level to solving complex controls issues. His experience, both in Ireland and internationally, allows him to apply a unique perspective to providing customised cooling solutions to Crystal Air's clients. He's focused on providing long term value, by using quality, highly energy efficient equipment to minimise the total cost of ownership of plant and systems. He is a member of Engineers Ireland, the Institute of Refrigeration (UK) and the Institute of Refrigeration Ireland, where he serves on the technical committee and has delivered educational presentations to members. He is also part of CEN/TC182, the European standards group that writes and reviews all European standards for refrigeration systems including EN378.

Contact Don on:

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Domnick Ward

Managing Director, Sales & Design Engineer

Domnick is the MD and founding partner of Crystal Air and is responsible for business development and key client relationships. Hands on in the company on a daily basis and keeps the team focused on new products and promotes innovation to find better engineered solutions while maintaining a healthy environment. 25 years in the industry and still enjoying the challenges here and abroad. Active member of IRI and member of ASHRAE. Past chair of F-Gas IRI sub group and founder of FGR in Ireland.

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