

Containerised Plant Rooms Featuring OCHSNER Heat Pumps



OCHSNER
HEAT PUMPS



Plug In-and-Play Sustainability: Bespoke Containerised Plant Rooms with OCHSNER Heat Pumps

At Wärmetek, we recognise that every project comes with its own unique challenges – from space limitations to minimising disruption on live sites. That’s why we offer bespoke containerised plant room solutions built around OCHSNER’s industry-leading heat pumps.

By designing and assembling plant rooms off-site, we can deliver a fully integrated system that is then craned into position, ready to connect. This approach dramatically reduces on-site disruption for clients, shortens installation times, and ensures quality control in a controlled environment before delivery. Our containerised solutions are highly flexible, allowing for multiple cascades of OCHSNER heat pumps of various sizes to be configured to suit any project requirement. Whether the demand is for heating, cooling, or hot water, we can scale the solution to fit residential, commercial, and institutional applications.

A key advantage of this model is the ability to strategically locate external evaporator units. These can be mounted on gantries above the containers – ideal for flat roof applications – or positioned on the ground at a distance, depending on site constraints. This flexibility allows us to integrate seamlessly into challenging environments without compromising performance.

We have already delivered successful projects across the UK using this model, including:

- Cambridge University – where containerised solutions supported the drive towards net zero in listed and historic settings.
- Winchester University – with bespoke installations to support their decarbonisation pathway.
- Todmorden Leisure Centre – where a cascade of OCHSNER Air 41 units within a containerised plant room provided an efficient and future-ready energy solution.

These examples highlight the versatility of containerised systems in delivering reliable, sustainable, and efficient heating and cooling for complex projects. With OCHSNER’s proven longevity, efficiency, and ability to deliver high flow temperatures, our containerised plant rooms represent a future-proof alternative to traditional boiler plant – providing a scalable and adaptable pathway for organisations to decarbonise.

For more information regarding OCHSNER heat pumps contact our England and Wales team below.

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Containerised Plant Room Solutions

Future Proofing Commercial Projects is Essential to Making A Real Environmental Impact

One of the greatest advantages of containerised plant rooms with OCHSNER heat pumps is their suitability for large-scale commercial settings. Universities, leisure centres, and healthcare facilities all face the challenge of meeting high energy demands while working towards ambitious decarbonisation targets. By housing the heating and cooling infrastructure within a purpose-built container, organisations can achieve minimal disruption to daily operations while gaining a reliable, efficient, and future-proof energy solution what ever the climate changes may bring us. Our machines are able to switch between heating and cooling and generate the highest flow temperatures for hot water.

A major selling point of OCHSNER technology is longevity. Unlike many alternatives on the market, OCHSNER heat pumps are designed with durability in mind, with lifespans measured in decades rather than years. In fact, there are OCHSNER installations in Europe still running efficiently after more than 40 years. For commercial clients investing heavily in infrastructure, this level of reliability translates to long-term financial security, reduced maintenance costs, and a lower total cost of ownership.

Flexibility is another key strength of containerised plant rooms. Containers can be fabricated in any size or configuration, with a wide range of cladding options to blend into their surroundings—whether that means a sleek modern façade, timber finishes for listed properties, or neutral industrial exteriors for utility spaces. Inside, the system can be customised to integrate seamlessly with existing plumbing and distribution networks, making it a practical retrofit option for buildings currently reliant on gas-fired boilers or other legacy systems. We can place evaporstrs on flat roofs and if the weight load allows the whole system can be placed on the roof including the containersied plant room.

Long-Term Monetary Savings

Switching from gas boilers or other fossil-fuel systems to an OCHSNER heat pump solution delivers significant year-on-year savings. With Seasonal Coefficient of Performance (SCOP) that can exceed 5.0 in well-designed systems, organisations can generate four units of heat energy for every single unit of electricity consumed. This level of efficiency results in drastically lower running costs compared to gas, oil, or direct electric heating. If these are combined with other energy producing systems like solar PV and battery storage systems, some estates can even cover the cost of their energy usage or potentially profit from their systems. Something unheard of with fossil fuel alternatives.

Over a typical 20–40 year lifespan, commercial clients can expect to save tens or even hundreds of thousands of pounds in energy costs, depending on system size and usage. These savings grow even further when combined with avoided carbon taxes, reduced maintenance costs, and the possibility of accessing government incentives or funding for low-carbon technologies, or a combination of solar and battery storage that even make the estate a profit. Unlike conventional boiler systems that require regular costly replacements, an OCHSNER installation is an investment that pays back year after year, offering a faster return on investment and long-term budget certainty.

For clients, this means that containerised OCHSNER solutions are not just an efficient upgrade, but also an adaptable and discreet solution that fits within the constraints of their site, design requirements, and operational needs. Combined with the ability to cascade multiple units, scale capacity over time, and future-proof plant against rising energy demands, containerised OCHSNER heat pump systems offer a compelling alternative for commercial and institutional projects seeking to embrace low-carbon technologies.



At the forefront of innovation since 1978, Ochsner heat pumps are engineered with cutting-edge technology to surpass the highest performance and environmental benchmarks. Each Ochsner system is a testament to our commitment to harnessing natural resources with exceptional efficiency to minimise the ecological footprint of your home. Our dedication to a sustainable future is matched by our pursuit of designing whisper-quiet heat pumps that preserve the peace and quiet of your living environment.

By choosing Ochsner, you are not just selecting a superior heating and cooling system; you are embracing a philosophy of environmental stewardship and technological leadership. Experience the Ochsner difference: where innovation, efficiency, and silence converge.



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www.warmetek.co.uk