

OCHSNER Air Source Heat Pumps – Quiet, High-Performance Heating for Luxury Apartments



OCHSNER
HEAT PUMPS



Orme Court - Luxurious Residential Flats Seeking a Tranquil Solution

Quiet Luxury For Every Setting

Location: Orme Court

System Installed: 2 × OCHSNER Air Hawk 1850 air source heat pumps

Application: Heating and domestic hot water for luxury apartments

The Challenge

Orme Court is a prestigious residential development where comfort, reliability, and discretion are paramount. Providing efficient heating and hot water for multiple luxury apartments required a system that could deliver high output without causing disturbance to residents or neighbouring properties.

Noise performance was a critical factor, particularly in such a sensitive urban environment, where planning conditions and acoustic compliance can often present major hurdles for plant installations.

The Solution

JCH London designed and installed a system featuring two OCHSNER Air Hawk 1850 heat pumps, selected for their exceptional efficiency, robust performance, and ultra-low noise operation.

Renowned for engineering quality and acoustic refinement, the Air Hawk range is well suited to premium residential developments and challenging locations where traditional heating systems may struggle to meet environmental or planning constraints.

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

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The Future of Hard to Heat Commercial Properties

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

Outstanding Results

Following installation, a noise officer attended site to assess operational sound levels. In an impressive demonstration of the technology, the heat pumps did not even register on the decibel meter, confirming just how quiet the system is in real-world conditions.

Alongside their acoustic performance, the units now provide reliable, low-carbon heating and hot water for the apartments, supporting reduced energy use while maintaining the high standards expected in luxury homes.

A Benchmark for Urban Retrofit and New-Build

This project at Orme Court is a standout example of how OCHSNER heat pumps can perform even in the most challenging environments—from noise-sensitive city locations to high-end residential schemes demanding uncompromising comfort.

At Wämetek, we are proud to deliver bespoke solutions that pair world-class heat pump technology with expert system design and installation. Orme Court now benefits from a future-ready heating system that is efficient, discreet, and built to last.

HEAT PUMP AIR HAWK 1850



AIR HAWK 1850

The highly efficient high end heat pump is suitable for buildings with heat loads between 24 and 51 kW. Up to four units can be connected as fully modulating units in a cascade and therefore cover heat loads of up to 160 kW, for example in apartment buildings, or commercial or office buildings. The AIR HAWK 1850 is impressive in its output category with particularly low noise emissions. It works with a speed controlled compressor and delivers heat and DHW up to 60°C; it can also be used for energy saving surface cooling and for active air conditioning and room dehumidification via fan coils. It is equipped with a climate friendly refrigerant and has received the Energy Genius 2023 innovation award. The OCHSNER TRONIC SMART (OTS) control system enables the AIR HAWK 1850 to be controlled conveniently via an app. The AIR HAWK series was honoured with the Plus X Award in the categories innovation, high quality, ease of use, functionality and ecology. This model was also certified "Best Product of the Year 2025".



Energy efficient

Climate zone (middle)

Energy efficiency class (D to A+++)

A+++

Efficiency ETAs

186.3 %

Rated

40 kW

SCOP

4.74



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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Available in England & Wales
www.warmetek.co.uk