Our state-of-the-art air source heat pump is designed to offer the perfect balance of energy efficiency, sustainability, and reliable performance. Engineered with the latest technology, this heat pump ensures that you stay warm and comfortable even in the harshest climates while keeping energy consumption to a minimum.

One of the key features of this heat pump is its A+++ energy efficiency rating, which places it at the top of its class. This means it consumes far less electricity than conventional systems, helping to significantly reduce your energy bills. Coupled with the use of a Low GWP (Global Warming Potential) refrigerant, the system minimizes its environmental impact, making it a responsible choice for anyone looking to lower their carbon footprint. The use of Low GWP refrigerants is critical in combating global warming, as they reduce the heat-trapping effect of gases released into the atmosphere.

When it comes to extreme conditions, this heat pump truly shines. It is designed to operate stably at temperatures as low as -35° C, ensuring consistent heating even in the depths of winter. Whether you live in a cold climate or experience sudden temperature drops, this heat pump guarantees uninterrupted warmth. This advanced cold-climate technology ensures reliable operation, eliminating the need for additional backup heating systems during extremely cold weather.

In addition to its superior heating performance, the heat pump is equipped with a WiFi module that allows for seamless remote control and monitoring. Through your smartphone, tablet, or computer, you can adjust settings, monitor system performance, and even receive alerts for maintenance needs, all from the convenience of your smart device. This feature not only makes operation more convenient but also helps in energy management, as you can make adjustments in real-time based on your daily routine.

The heat pump also features a dual temperature zone function, enabling you to manage two distinct temperature zones independently. This flexibility is ideal for large homes or buildings with multiple rooms that require different temperature settings. For example, you could maintain a lower temperature in rarely used areas while keeping living spaces warm and comfortable. This dual-zone capability allows you to optimize energy use by heating only the spaces that need it, contributing to even greater energy savings.

For those looking to integrate the heat pump into a larger smart home or building management system, it comes with a reserved RS485 communication port. This port provides compatibility with a range of advanced control systems, allowing for easy integration into your existing infrastructure. Whether it's connecting to a smart home system, a building management platform, or any other advanced control network, the RS485 port ensures that this heat pump is future-proof and adaptable to evolving technology needs.

Moreover, the system supports linkage control with PV (photovoltaic) solar panels, offering an intelligent way to utilize renewable energy for your heating and hot water needs. When linked with a PV system, the heat pump can draw energy directly from solar power, making it even more energy-efficient and eco-friendly. This feature is particularly beneficial in regions with abundant sunlight, where solar power can provide a significant portion of the energy needed for heating. It allows homeowners and businesses to take full advantage of renewable energy sources, reducing their dependence on the grid and lowering electricity costs.