

Commercial Air Source Heat Pump

This air source heat pump is designed for commercial applications, providing both heating and cooling. It utilizes ambient air as a renewable energy source and features advanced compressor technology and intelligent control systems.



ADDITIONAL IMAGES



Overview

Commercial Air Source Heat Pump

This high-efficiency air source heat pump is specifically engineered for commercial applications, providing reliable heating and cooling by utilizing ambient air as a renewable energy source. The unit features robust construction for long-term durability and advanced components, including high-performance compressors and optimized heat exchangers. Designed for scalability, it is an ideal solution for space heating, cooling, and domestic hot water production in diverse commercial building environments.

Key Components

Compressor Technology	Flexible scroll compressor
Thermal Expansion Valve	Emerson ALCO
Fan Construction	Al-Mg motor, Nylon blades

Performance Metrics

Operating Noise Level

50 dBA

Min Noise

60 dBA

Max Noise

Service Life

15 years

Design & Build

Noise Reduction Design

- Vibration-dampening case design
- Low-noise fan motor and blade configuration

Durability Features

Corrosion-resistant coating • Bolt-and-nut secure casing