

# 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