

LUXAIRE®

HEATING ■ AIR CONDITIONING

OPTIMUM™ SELECT ROOFTOP UNIT

27 - 50 tons

Large applications



High-Performance, Energy-Efficient HVAC For Large Commercial Buildings

Luxaire® Optimum™ Select Rooftop Units are high-performance HVAC systems designed to provide a cost-conscious option with superior energy efficiency, reliability, and comfort for large commercial buildings, including industrial spaces, hospitals and shopping malls that require high-capacity and customizable configurations to handle more demanding HVAC loads.

Key Features & Benefits:



Energy Efficiency

EER up to 11.1 and IEER, ranging from 13.3 to 16.0 in the 27- to 50-ton range, with 31% greater part-load efficiency compared to similar models.



Advanced Airflow Strategies

Multiple airflow options, including 2-stage constant-volume (CV), 2-stage with IntelliSpeed™ fan control, 4-stage variable-air volume (VAV), and 4-stage with IntelliSpeed™ fan control.



Continuous Reset Single Zone (CRSZ) Control

An industry-exclusive option that ensures optimal comfort and energy efficiency by continuously adjusting to real-time conditions.



Outdoor Air Options

Low-leak damper economizers, constant-volume powered exhaust and modulating powered exhaust.



Durability

Stainless steel heat exchangers for longer-lasting performance, E-coat coil coating for enhanced corrosion resistance and 65kA high short circuit current (SCCR) electrical rating for added safety.



Heating Options

A variety of heating options, including staged gas heat, modulating hot gas reheat (HGRH), and electric heat.

Our commitment to quality is built into our entire line of packaged rooftop units.

Easy Installation

Direct fit for existing curbs, no costly modifications, minimal downtime.

Energy Efficiency

Standard and high-efficiency options cut energy costs and meet code.

Smart Technology

Built-in controls with cloud analytics ensure reliability and energy savings.

Configurable Controls

Tool-free setup with remote access and seamless system integration.

ASHRAE Compliant

Meets or exceeds ASHRAE Standard 90.1.

Industry-Leading Warranty

10-year coverage for parts, labor, and key components.

American Quality

Made in the USA at the Johnson Rooftop Center of Excellence.



Built for Peace of Mind

American quality backed by regulatory compliance, performance and safety testing – because your comfort deserves lasting protection.



**Bright Innovation,
One Scan Away**

Scan to find out
more about Optimum
rooftop units.