

LUXAIRE®

HEATING ■ AIR CONDITIONING



Luxaire® Light Commercial Outdoor Package Units 2-12.5 Tons

Luxaire® Residential Package Equipment 2-5 Tons

Luxaire® Optimum™ Core Rooftop Units 3-12.5 Tons

Luxaire® Optimum™ Pro Rooftop Units 3-12.5 Tons

Luxaire.com

Comprehensive 2-12.5T offering in three platforms



Luxaire® Residential Package Units

COOLING, GAS, ELECTRIC, HEAT PUMP

A/C 2-5 T

HP 2-5 T

Luxaire® Residential Package Units deliver advanced performance, easy installation and industry-leading quality with products ranging from 14 to 16 SEER. Our residential package units are the **most economical choice** in this tonnage range for basic light commercial applications such as small offices, restaurants and retail spaces that only use basic thermostats and do not have higher-level connectivity needs.

- Next-generation high-efficiency blower delivers reduced blower watts by up to 10 percent.
- Highly efficient ECM motor ensures dependable operation and consistent comfort.
- Product is exposed to highly accelerated life testing in temperatures ranging from 125 degrees Fahrenheit to 20 degrees below zero.
- Single-stage cooling and heating on 14 SEER models, two-stage cooling and heating on 16 SEER models.



Luxaire® Optimum™ Core

COOLING, GAS, ELECTRIC, HEAT PUMP

A/C 3-12.5 Ton

HP 3-10 Ton

Luxaire® Optimum™ Core is the **go-to unit** for true light commercial applications. With competitive efficiency up to 17.2 SEER/13.2 EER/16.3 IEER, Core rooftop units have the commercial options available to meet customer needs in both new construction and retrofit applications.

- Continuous reset single zone (CRSZ) control capability gives better control and comfort.
- Optional economizers with low-leak capabilities meet ASHRAE 90.1 - 2016 standards.
- Fits most of the installed market, avoiding the need for costly transitions curbs.
- *Hot Gas Reheat available on select models.*
- Large variety of coil, airflow and control options available.



Luxaire® Optimum™ Pro

COOLING, GAS, ELECTRIC, HEAT PUMP

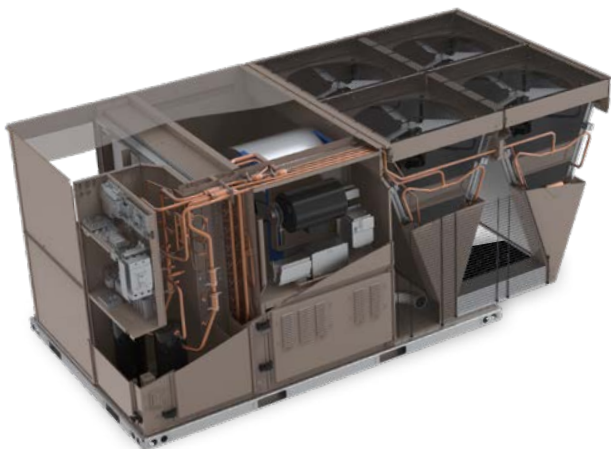
A/C 3-12.5 Ton

HP 6.5-12.5 Ton

Luxaire® Optimum™ Pro is the **premium** product optimized for life cycle costs. It is available in standard, high, and ultra-high efficiency tiers to better meet first-cost and operational cost priorities. In fact, ultra-high efficiency models achieve up to 13.1 EER/21.2 IEER, making these models **the most efficient, dual circuit units on the market.**

- Maintenance-friendly standard features targeted at the service professional, such as toolless, hinged access panels and a slide-out blower.
- Built with a flexible, convertible airflow feature to help reduce sheet metal cutting in the field.
- Permanently lubricated condenser and evaporator fan motor bearings do not require annual maintenance.

Luxaire® Residential Package Units, Luxaire® Optimum™ Core and Luxaire® Optimum™ Pro 2-12.5 Ton Rooftop Units provide a wide range of performance-focused solutions. Whether you need a basic unit for code compliance or premium features for higher-level concerns such as Indoor Environmental Quality (IEQ), our Residential Package, Core and Pro rooftop units are ideal for your application. With both air conditioning and heat pump models available, along with various heating options, these units offer solutions for both first-cost and operationally focused needs. All these units have options to meet DOE 2023, ASHRAE 90.1 - 2016 and IECC 2015 requirements.



Flexible, reliable and easy to optimize



GREATER PEACE OF MIND

Developed using *Design for Quality* principles and proprietary testing techniques in our Advanced Technology Lab, these Luxaire® units are engineered with the latest advances in modeling technology to help preemptively identify issues.

- Extensive field testing ensures reliability in demanding applications and varying conditions
- Powder-coat paint meets 750-hour salt-spray requirement



REMARKABLE FLEXIBILITY

Luxaire® Optimum™ Core and Luxaire® Optimum™ Pro rooftop units feature multiple airflow strategies, including:

- Constant volume (CV)
- IntelliSpeed™ discrete fan control (DFC)
- Continuous reset single zone (CRSZ)
- Variable air volume (VAV)

The three-stage cooling option with IntelliSpeed™ control provides up to a 3.4 IEER (26 percent) increase over constant-volume models.

In addition to the many standard options, our **Norman Modification Center** in Norman, Oklahoma, can further customize Core and Pro units for special requirements or other low-volume options.



EXCEPTIONAL CONTROL

Core and Pro rooftop units are **embedded with Smart Equipment**. This sophisticated, prepackaged controls platform helps maximize control for greater efficiency, extended equipment life, and reduced operating costs. It is installed at the factory and arrives alive. It also seamlessly integrates with leading building controls systems, including Verasys.

An optional Mobile Access Portal (MAP) gateway with Wi-Fi® hotspot provides access to commissioning, configuration, and maintenance logs using a mobile smart device for fewer trips to the job site or the roof to diagnose issues.



Luxaire® Residential Package Equipment, Luxaire® Optimum™ Core and Luxaire® Optimum™ Pro Rooftop Units: side by side

LUXAIRE® RESIDENTIAL PACKAGE UNITS	LUXAIRE® OPTIMUM™ CORE ROOFTOP UNITS	LUXAIRE® OPTIMUM™ PRO ROOFTOP UNITS
2 A/C efficiency tiers - standard 14 SEER/11.0 EER, ENERGY STAR® certified 16 SEER/12.2 EER Gas heating efficiency: 81 percent AFUE	2 A/C efficiency tiers (standard, high) up to 17.2 SEER/13.2 EER/16.3 IEER	3 A/C efficiency tiers (standard, high, ultra-high) up to 17.5 SEER/13.1 EER/21.2 IEER
2 heat pump efficiency tiers - 8.0/8.2 HSPF	2 HP efficiency tiers (standard, high) up to 12.1 EER/16.0 IEER, 8.0/8.2 HSPF	1 HP standard efficiency tier up to 11.2 EER/13.5 IEER
Unique footprint for legacy Luxaire® product replacement	Direct replacement ability for a large portion of the installed market	Unique footprint for legacy Luxaire® product replacement
Single-circuit, cost-effective design	Up to 3 cooling stages and 2 circuits	Up to 3 cooling stages and 2 circuits with options for the highest-efficiency dual circuit unit on the market
Individual panels and front-facing components make for quick access and connections Most economical solution for 2-5 ton range in commercial application	Commercially available feature set Hot Gas Reheat available on select models	Premium standard feature set and options: <ul style="list-style-type: none"> • Hinged and toolless access panels standard • Slide-out blower standard • Hot gas reheat (HGRH) available

FOR MORE INFORMATION, VISIT LUXAIRE.COM



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