

Landmark™ Packaged Rooftop Units ♦ Up To 13.0 SEER, Up To 11.4 EER



## LANDMARK™

Commercial Packaged  
Rooftop Units

### 2- To 6-Ton KG/KC/KH Models

Durable, cost-effective solutions  
for today's environment



**LENNOX**  
*Innovation never felt so good.™*

# A LEADER OTHERS LOOK TO FOR DIRECTION

## Landmark™ rooftop units at a glance:

R-410A refrigerant designed to comply with EPA's newest and most stringent guidelines

3-phase units meet ENERGY STAR® guidelines for efficiency

Lower energy costs with higher efficiency and energy-conserving accessories

Unexpected costs are minimized by durable construction and extensive warranties

Increase service employee productivity with easy-maintenance units and common components

Quick, reliable delivery on a variety of preconfigured units

Multiple accessory options for a variety of applications

Landmark™ R-410A rooftop units from Lennox are the new standard for reliable, efficient rooftop units built for long-lasting performance that can significantly improve indoor and outdoor environments.

Landmark units are built according to demanding ISO 9001-2000 quality standards and backed by extensive warranties. Engineered to effectively handle standard requirements on most jobs, the Landmark rooftop unit is built on the Lennox legacy of durable, dependable units without compromising quality or comfort.

## Efficient operation

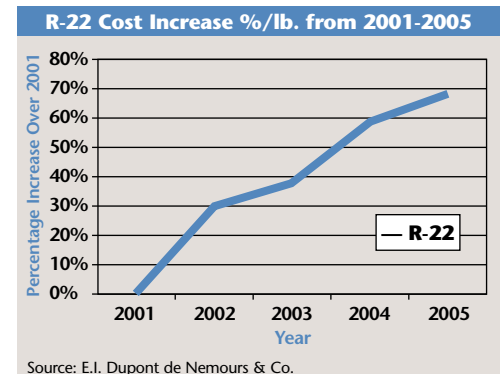
Lennox' commitment to durability and innovation continues with the Landmark 2- to 6-ton models which are compliant with current ASHRAE 90.1-2004 regulations as well as minimum efficiency standards for 2010. With ENERGY STAR® qualified units, users can achieve greater energy savings. Plus with Lennox, you have access to a wide range of field-installed accessories that allow for complete flexibility to accommodate almost any application.

## With R-410A, quality is up and costs are down

Landmark units are more efficient than older systems,



allowing you to better control your energy usage while helping to reduce environmental impact. They also help save money: since R-22 units are scheduled for production phase-out by January 1, 2010, they can help you avoid the expected rise in cost to service R-22 units and get the most out of your HVAC investment. As the chart below indicates, R-22 costs averaged a 17% annual increase between 2001 and 2005. As supplies diminish, costs are anticipated to increase as much or more in the years ahead.



## Efficiency Rating

Up to 13.0 SEER and up to 11.4 EER

## Warranty

**15-Year Limited Warranty**  
on stainless steel gas heat exchanger

**10-Year Limited Warranty**  
on aluminized steel gas heat exchanger

**5-Year Limited Warranty**  
on compressor

**1-Year Limited Warranty**  
on covered components

See warranty certificate for details.



Choose ENERGY STAR® qualified products to reduce energy spending and conserve natural resources. Lennox has developed a wide range of products that meet ENERGY STAR guidelines for energy efficiency. Proper sizing and installation of equipment are critical to achieve optimal performance. Must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details, or visit [www.energystar.gov](http://www.energystar.gov).



KGA060

# OPTIONS AND ACCESSORIES

## Field-Installed Accessories for Fast Replacement

Landmark units include convenient features like plug connections for wiring, panel knock-outs and pre-installed accessory framing. You can choose a stock unit and quickly install accessories for those fast-track replacement jobs.

- Non-powered GFI
- HACR circuit breaker
- Disconnects
- Economizers with single or dual enthalpy control
- Electric heat
- 50% constant-volume powered exhaust fan
- CO<sub>2</sub> sensor
- Return and supply air smoke detectors
- Low ambient kit
- Hail guards
- Coil guards

- Link to the L Connection® Network line of commercial controls with an optional Network Thermostat Controller
- LPG Conversion Kit (Gas/Electric only)
- -40°F cold weather kit (Gas/Electric only)
- Combustion air intake or flue exhaust extensions (Gas/Electric only)
- Blower proving switch
- Dirty filter switch
- Manual outdoor air dampers (25%)
- Motorized outdoor air dampers

## Factory-Installed Options for Fast Installation

For quick, built-to-order solutions, Landmark units can be built and tested at the factory to exact specifications in just a few weeks.

- Coil corrosion protection
- Stainless steel heat exchanger
- Hinged doors

## Factory Options or Field Accessories

For maximum time and cost flexibility, choose to have these options installed in the field or at the factory.

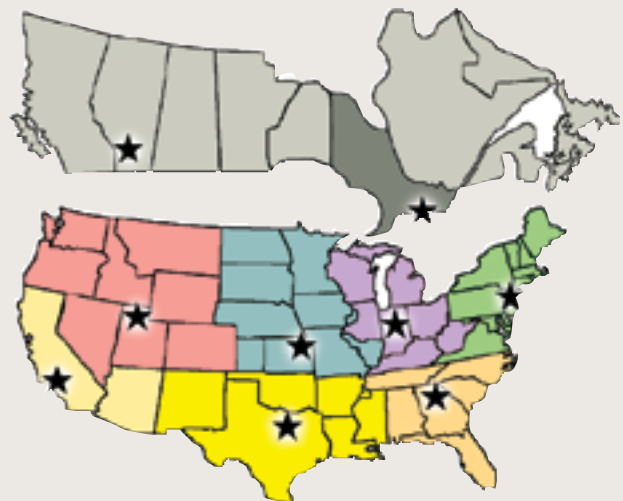
- Economizers with sensible control
- Barometric relief dampers
- High- and low-static drive kits

## QUICK PRODUCT DELIVERY AND PICKUP

Landmark units with the most popular features and configurations are ready for fast delivery or pickup at commercial depots across North America.

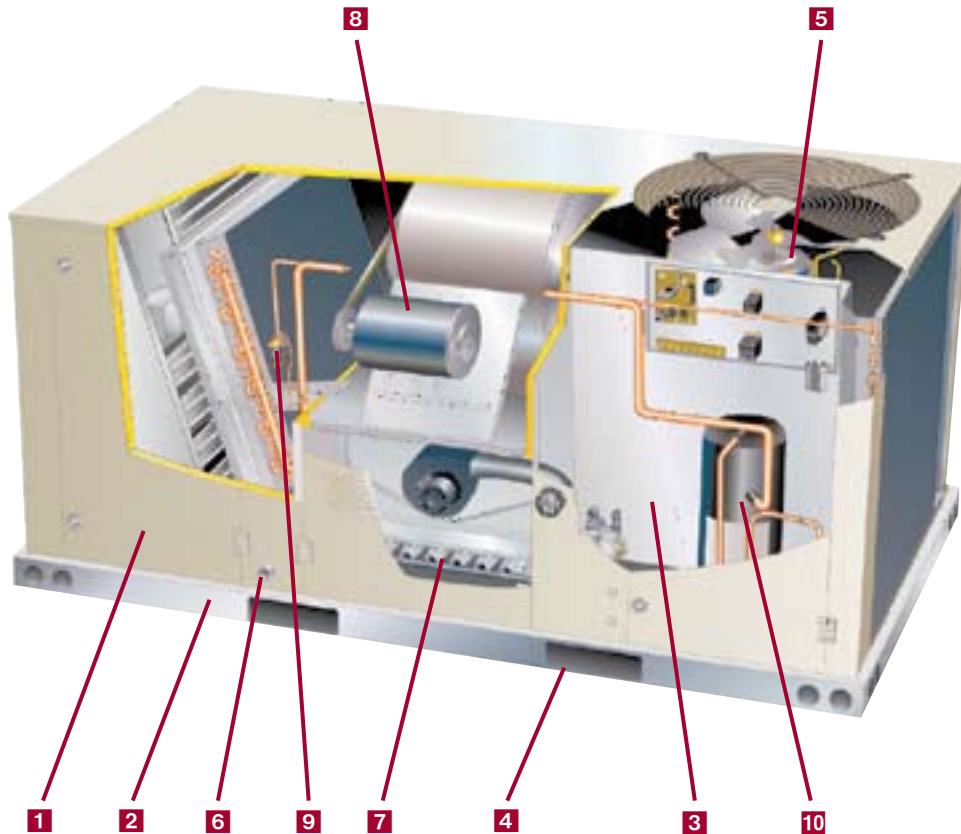
## PLUS, NEXT-DAY DELIVERY FOR VIRTUALLY ANY REPLACEMENT PART

Lennox ships parts directly from our commercial depots to the job site anywhere in North America. That means you get the parts you need, when you need them. Actual time determined by your location.



- ★ Atlanta, GA
- ★ Calgary, Canada
- ★ Dallas, TX
- ★ Indianapolis, IN
- ★ Kansas City, KS
- ★ Mira Loma, CA
- ★ Port Murray, NJ
- ★ Salt Lake City, UT
- ★ Toronto, Canada

# QUALITY AND PERFORMANCE THAT LAST



## Easy to install and maintain

- 1 Hinged Access Panels**—Factory option provides quick access to components and protects panels and roof from damage during servicing.
- 2 Full-Perimeter Base Rail (with Rigging Holes)**—Provides greater structural integrity, so the unit is easier to handle when rigging and transporting.
- 3 Isolated Compressor Compartment**—Allows performance check during normal compressor operation without disrupting airflow.
- 4 Fork Slots on Three Sides**—Easy to pick up and transport units from almost any angle.
- 5 Independent Motor Mount**—Allows for easy and efficient service access without removing the top panel.
- 6 Corrosion-Resistant Removable, Reversible Drain Pan**—Provides application flexibility, durability and improved serviceability.

## High-performance components

- 7 Direct-Spark Ignition**—Electronic ignition eliminates standing pilot and enhances efficiency.
- 8 Pre-Defined Supply Fan Motor/Drive Combinations**—Make selecting components to meet static and airflow requirements quick and easy.
- 9 Thermostatic Expansion Valves**—Provide peak cooling performance across the entire application range.
- 10 Scroll Compressor**—Standard on all units for reliable long-term operation.

# LANDMARK™ ROOFTOP UNIT PERFORMANCE SPECIFICATIONS

	Nom. Ton	Model	COOLING DATA					HEATING INPUT				AIRFLOW RANGE				PHYSICAL DATA	
			Gross Cap. [Btu/h]	ARI Rated Net Cap. [Btu/h]	ARI Rated CFM	Seasonal Efficiency [SEER]	Full Load [EER]	Low	Standard	Medium	High	Minimum Cooling	Minimum Heating	Max.	Static [in wc]	Dimensions H x W x L [inches]	Ship Wt. [lbs.]
GAS/ELECTRIC UNITS	2	KGA024S4D	24,400	23,600	840	13.00	11.4	—	65,000	—	—	560	740	960	0-0.9	39 x 47 x 87-1/4	591
	2.5	KGA030S4D	29,800	28,800	1000	13.00	11.2	—	65,000	—	—	700	740	1200	0-0.9	39 x 47 x 87-1/4	593
	3	KGA036S4D	37,500	36,000	1200	13.00	10.7	—	65,000	105,000	—	840	960-1040	1440	0-0.9	39 x 47 x 87-1/4	594
	4	KGA048S4D	50,000	48,000	1600	13.00	11.0	—	65,000	105,000	150,000	1120	960-1040	1920	0-0.9	39 x 47 x 87-1/4	631
	5	KGA060S4D	61,800	59,000	1800	13.00	11.2	—	65,000	105,000	150,000	1400	960-1300	2400	0-0.9	39 x 47 x 87-1/4	661
	6	KGA072S4B	72,800	70,000	2100	—	11.0	—	65,000	105,000	150,000	1680	960-1300	2880	0.1-1.5	47 x 47 x 87-1/4	760
KW Range*																	
ELECTRIC/ELECTRIC UNITS	2	KCA024S4D	24,400	23,600	840	13.00	11.4	7.50	10.00	—	—	560	640	960	0-0.9	39 x 47 x 87-1/4	555
	2.5	KCA030S4D	29,800	28,800	1000	13.00	11.2	7.50	10.00	—	—	700	800	1200	0-0.9	39 x 47 x 87-1/4	557
	3	KCA036S4D	37,500	36,000	1200	13.00	10.7	7.50	15.00	—	—	840	960	1440	0-0.9	39 x 47 x 87-1/4	558
	4	KCA048S4D	50,000	48,000	1600	13.00	11.0	7.50	15.00	22.50	—	1120	960	1920	0-0.9	39 x 47 x 87-1/4	595
	5	KCA060S4D	61,800	59,000	1800	13.00	11.2	7.50	15.00	22.50	—	1400	1600	2400	0-0.9	39 x 47 x 87-1/4	625
	6	KCA072S4B	72,800	70,000	2100	—	11.2	7.50	15.00	22.50	30.00	1680	1920	2880	0.1-1.5	47 x 47 x 87-1/4	724
								47 Cap.	HSPF/COP 47	17 Cap.	COP 17						
HEAT PUMP UNITS	2	KHA024S4D	23,600	22,800	800	13.00	11.2	24,000	7.7/3.4	14,400	2.3	560	640	960	0-0.9	39 x 47 x 87-1/4	591
	2.5	KHA030S4D	30,000	29,000	1000	13.00	11.3	29,200	7.7/3.5	17,600	2.3	700	800	1200	0-0.9	39 x 47 x 87-1/4	593
	3	KHA036S4D	37,100	35,600	1160	13.00	10.9	36,400	7.7/3.6	22,000	2.3	840	960	1440	0-0.9	39 x 47 x 87-1/4	595
	4	KHA048S4D	49,000	47,000	1600	13.00	10.7	48,000	7.7/3.5	29,500	2.4	1120	960	1920	0-0.9	39 x 47 x 87-1/4	617
	5	KHA060S4B	61,500	59,000	1985	13.00	10.9	60,500	7.7/3.6	36,000	2.4	1400	1600	2400	0.1-1.5	39 x 47 x 87-1/4	727

Certified in accordance with the USE certification program which is based on ARI Standard 210/240 (5 tons and below): 95°F outdoor air temperature and 80°F db/67°F wb entering evaporator coil air.

Certified in accordance with the ULE certification program which is based on ARI standard 340/360 (6 tons and over): 95°F outdoor air temperature and 80°F db/67°F wb entering evaporator air; minimum external duct static pressure.

Direct drive blower motors available for 2- to 5-ton models.

\*Nominal electric heat capacities are rated at 240V, 480V and 600V.

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.

# SOLUTIONS FOR CUSTOMIZED COMFORT



Don't just choose a Lennox® product...choose a Lennox Commercial Comfort System. These complete packages of HVAC solutions provide tools to create a healthier and more comfortable environment.

## Packaged Units

- Strategos™ Rooftop Units
- S-Class™ Rooftop Units
- Landmark™ Rooftop Units
- L Series® Rooftop Units
- T-Class™ Rooftop Units

## Split Systems

- S-Class Air Conditioners/Heat Pumps
- T-Class Air Conditioners/Heat Pumps
- Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils

## Heating

- T-Class Unit Heaters
- Unit Heaters
- Duct Furnaces
- Furnaces

## Commercial Controls

- L Connection® Network
- Systems Integration Solutions
- Commercial Thermostats

## Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Energy Recovery Ventilators/Systems
- Air Filters
- UVC Lamps



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