

LANDMARK™

Durable, cost-effective solutions
for today's environment

Commercial Packaged Rooftop Units
10.5 to 88 Kw KG/KC/KH Models

Up to 13.00 SEER,
Up to 11.5 EER



LENNOX

Innovation never felt so good.™



WHEN IT COMES TO HIGH-QUALITY ROOFTOP UNITS, LANDMARK STANDS OUT

Landmark™ rooftop units from Lennox set the standard for reliable, efficient performance that can significantly improve indoor and outdoor environments.

Built on the Lennox legacy of advanced technology and innovation, Landmark units conform to the demanding ISO 9001-2000 quality standards. Engineered to effectively handle most HVAC applications, Landmark units also deliver the level of assurance you would expect from a Lennox® product with extensive warranty coverage.

The smart choice

Lennox' commitment to quality and innovation continues with Landmark 3- to 25-ton models. With these units, you have access to a wide range of options and accessories to accommodate almost any application. Plus, the Landmark product line includes gas/electric, electric/electric and heat pump models to allow for complete flexibility. With a low cost of ownership and high-quality design and construction, Landmark brings the best combination of comfort and value to today's rooftop units.

Built to last

Designed for years of trouble-free operation, Landmark units are made from heavy-gauge galvanized steel. Rust and corrosion are minimized with two layers of paint and multiple scroll compressor circuits are designed for reliable operation over the unit's 15-year life cycle.

R-410A refrigerant improves quality and reduces costs

Featuring chlorine-free R-410A refrigerant, Landmark units are significantly more efficient than older systems, allowing you to better control your energy usage while helping improve the environment. With R-22 units phased out of production, you can avoid the expected rise in cost to service R-22 units by choosing R-410A units now, and getting the most out of your HVAC investment. Lennox has been offering the R-410A units since 2004, so you can be sure that you're getting high-quality, high-efficiency units from an industry leader.

Landmark™ rooftop units at a glance:

Fast, dependable delivery comes from depots around North America stocking a wide range of preconfigured units

Multiple accessory options available for a wide range of applications

Energy-conserving accessories help lower energy costs

Minimize unexpected costs through extensive warranties and durable construction

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

Compliant with the most current ASHRAE 90.1 regulations

Environmentally friendlier R-410A refrigerant

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 gas heat exchanger

5-Year Limited Warranty
on compressor

1-Year Limited Warranty
on covered components

See warranty certificate for actual details.



MAKING THE MOST OF YOUR INVESTMENT

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.

- Disconnects
- Economizers with single or dual enthalpy control
- Electric heat
- CO₂ sensor
- Return and supply air smoke detectors

- Low ambient kits
- Hail guards
- Coil guards
- LPG Conversion Kit (Gas/Electric only)
- Combustion air intake and flue exhaust extensions (Gas/Electric only)
- 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 with these options:

- 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 at the factory or in the field.

- Economizers
- Barometric relief dampers
- High- and low-static drive kits



R-410A—BETTER FOR THE ENVIRONMENT, BETTER FOR BUSINESS

More companies are switching to R-410A because it's smarter for business and the environment. Significantly more efficient than many older systems, R-410A units allow organizations to better control their energy usage. Lennox offers a complete line of R-410A systems, giving customers a wider range of options to replace the R-22 units that are no longer being produced.

- Buying a R-410A unit allows customers to take advantage of the latest energy-efficiency options and reliability features.
- The new unit design has a thicker, more durable compressor shell to withstand the refrigerant's higher pressure. Sturdier units vibrate less, so there is less strain on piping connections, where most leaks occur.
- Strict assembly procedures and larger refrigerant filters/driers reduce the chance of compressor failure. The high-quality synthetic lubricant used helps protect parts from damage, and helps promote longer unit life.

PROTECT PROFITABILITY BY CUTTING ENERGY COSTS

Energy-efficiency translates into real dollars in these examples from the Environmental Protection Agency:

- The owner of a commercial building can generate \$2 to \$3 of incremental asset value for every \$1 invested in energy-performance improvements
- Reducing a retail grocery's annual energy costs by \$1 has the same effect on profits as increasing sales by \$85, due to the industry's relatively high energy expenses and low profit margins
- Improving energy performance just 10% in a full-service hotel realizes the equivalent of increasing the average daily rate by \$1.35 (approximately 1.6 percent).

Source: Environmental Protection Agency; ENERGY STAR™—The Power to Protect the Environment Through Energy Efficiency, page 10, July 2003.

LANDMARK™ ROOFTOP UNIT PERFORMANCE SPECIFICATIONS

		COOLING DATA		HEATING INPUT				PHYSICAL DATA	
Nom. Size Kw [Ton]	Model	EER	SEER or IEER	Low	Standard	Medium	High	Dimensions H x W x L [inches]	Ship Wt. [lbs.]
10.5 [3]	KGA036S4B	10.9		16.7	27	—	—	39 x 47 x 86	594
14 [4]	KGA048S4B	11.1		16.7	27.0	38.7	—	39 x 47 x 86	631
17.5 [5]	KGA060S4B	11.3		16.7	27.0	38.7	—	39 x 47 x 86	661
21 [6]	KGA072S4B	11.0	11.2	16.7	27.0	38.7	38.7	47 x 47 x 86	760
26.4 [7.5]	KGA090S4B	11.0	11.2	—	27.0	38.7	—	47 x 47 x 99	865
26.4 [7.5]	KGA092S4B	11.3	11.2	—	38.1	52.7	70.3	47 x 61 x 102	1,052
30 [8.5]	KGA102S4B	11.2	11.2	—	38.1	52.7	70.3	47 x 61 x 102	1,072
35 [10]	KGA120S4B	11.1	11.2	—	38.1	52.7	70.3	47 x 61 x 102	1,112
44 [12.5]	KGA150S4B	11.0	11.0	—	38.1	52.7	70.3	47 x 61 x 102	1,202
52.8 [15]	KGA180S4B	10.9	11.0	—	49.5	68.5	91.4	55 x 92 x 108	2,055
61.5 [17.5]	KGA210S4B	10.9	11.0	—	49.5	68.5	91.4	55 x 92 x 108	2,200
70.3 [20]	KGA240S4B	10.9	11.0	—	49.5	68.5	91.4	55 x 92 x 133	2,295
88 [25]	KGA300S4B	10.0	9.9	—	49.5	68.5	91.4	55 x 92 x 133	2,375
				KW Range*					
ELECTRIC/ELECTRIC UNITS									
10.5 [3]	KCA036S4B	10.9	—	7.5	15.0	—	—	39 x 47 x 86	558
14 [4]	KCA048S4B	11.1	—	7.5	15.0	—	—	39 x 47 x 86	595
17.5 [5]	KCA060S4B	11.3	13.0	7.5	15.0	22.5	—	39 x 47 x 86	625
21 [6]	KCA072S4B	11.2	11.4	7.5	15.0	22.5	30.0	47 x 47 x 86	724
26.4 [7.5]	KCA090S4B	11.2	11.4	7.5	15.0	22.5	30.0	47 x 47 x 99	827
26.4 [7.5]	KCA092S4B	11.5	11.4	—	24.7	34.3	45.7	47 x 61 x 102	1,052
30 [8.5]	KCA102S4B	11.4	11.4	—	24.7	34.3	45.7	47 x 61 x 102	1,072
35 [10]	KCA120S4B	11.3	11.4	—	24.7	34.3	45.7	47 x 61 x 102	1,112
44 [12.5]	KCA150S4B	11.2	11.2	—	24.7	34.3	45.7	47 x 61 x 102	1,202
52.8 [15]	KCA180S4B	11.0	11.2	—	—	—	—	55 x 92 x 108	2,000
61.5 [17.5]	KCA210S4B	11.0	11.2	—	—	—	—	55 x 92 x 108	2,145
70.3 [20]	KCA240S4B	11.0	11.2	—	—	—	—	55 x 92 x 133	2,240
88 [25]	KCA300S4B	10.0	10.1	—	—	—	—	55 x 92 x 133	2,320
				47 Cap.	HSPF/COP 47	17 Cap.	COP 17		
HEAT PUMPS									
10.5 [3]	KHA036S4B	10.9	—	32,700	3.7	19,700	2.4	39 x 47 x 86	595
14 [4]	KHA048S4B	10.7	—	43,000	3.7	26,400	2.5	39 x 47 x 86	617
17.5 [5]	KHA060S4B	11.0	—	54,500	3.8	32,400	2.7	47 x 47 x 86	727
21 [6]	KHA072S4B	11.0	—	63,000	3.3	36,000	2.25	47 x 47 x 99	810
26.4 [7.5]	KHA092S4B	11.2	11.2	79,500	3.5	47,300	2.3	47 x 61 x 102	1,114
30 [8.5]	KHA102S4B	11.2	11.2	89,100	3.5	4,900	2.3	47 x 61 x 102	1,146
35 [10]	KHA120S4B	11.2	11.2	103,900	3.5	64,100	2.32	47 x 61 x 102	1,212
44 [12.5]	KHA150S4B	10.7	10.7	124,000	3.3	73,700	2.1	47 x 61 x 124	1,412
52.8 [15]	KHA180S4B	10.8	10.7	159,000	3.4	92,000	2.1	55 x 92 x 130	2,100
70.3 [20]	KHA240S4B	10.8	10.7	196,000	3.4	113,000	2.1	55 x 92 x 130	2,250

Certified in accordance with the USE certification program which is based on ARI Standard 210/240: 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: 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 3- to 5-ton models.

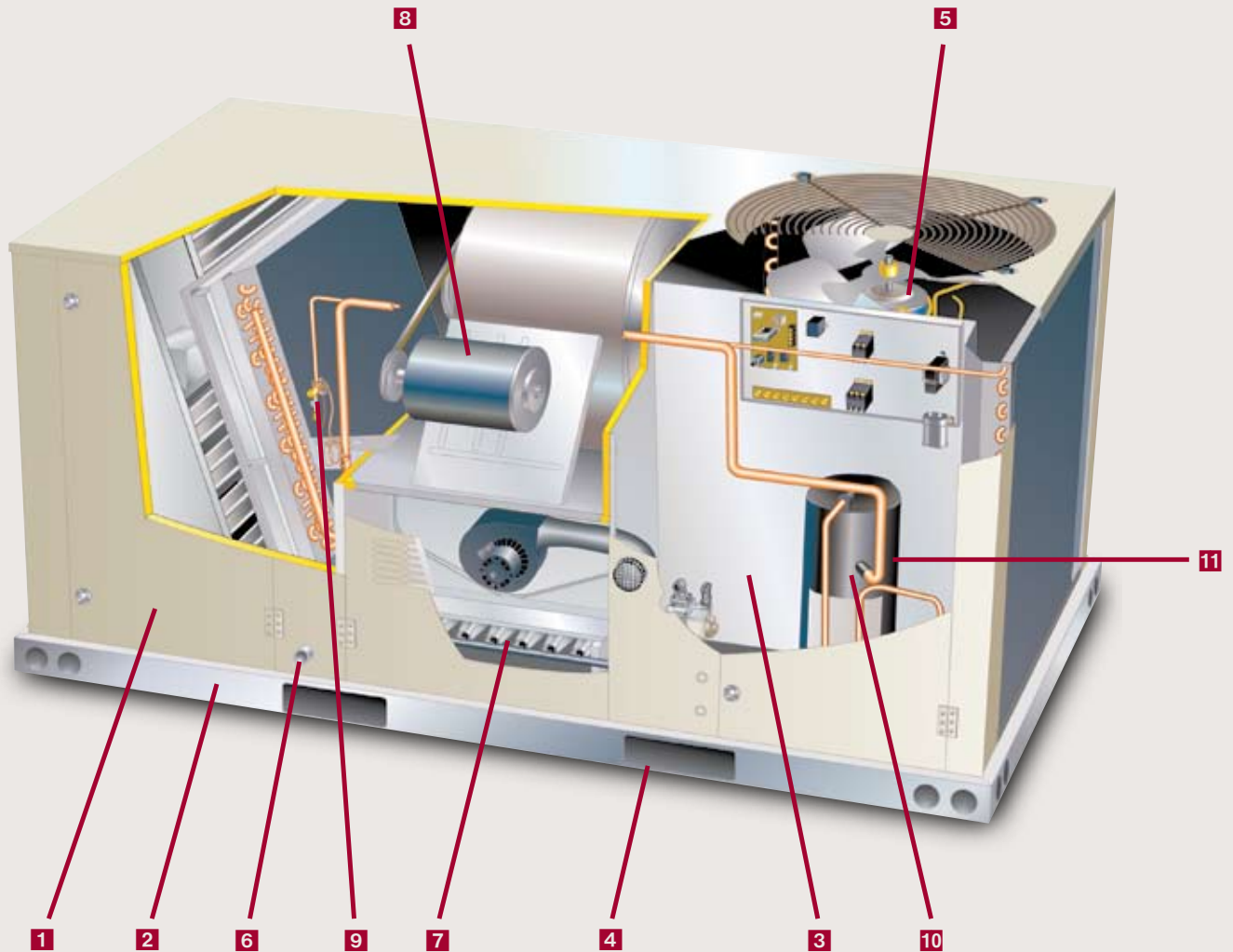
*Nominal electric heat capacities are rated at 240V, 480V and 600V.

**Heating CFM for gas models varies dependent upon heat option selected. Minimum Heating CFM for Heat Pumps does not include supplemental electric heat.

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



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 Drain Pan**—Provides application flexibility, durability and improved serviceability. Bottom drain capability also standard.

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.
- 11 High-Pressure Switch**—Improves reliability by safeguarding compressor from extreme operating conditions.

SOLUTIONS FOR CUSTOMIZED COMFORT



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

Packaged Units

- Strategos™ Rooftop Units
- Emergence™ Rooftop Units
- Landmark™ Rooftop Units
- Single-phase residential packaged units*

Heating

- Gas Furnaces
- Unit Heaters
- Duct Furnaces

Split Systems

- S-Class™ Air Conditioners and Heat Pumps
- T-Class™ Air Conditioners and Heat Pumps
- R-410A Condensing Units
- 10 SEER R-22 Vertical and Horizontal Condensing Units*
- Mini-Split Systems*
- Universal Mounts*
- Indoor Coils
- Uncased Fan Coils*
- Air Handlers

Controls

- Prodigy™ Control System
- L Connection® Network
- Systems Integration
- Thermostats

Indoor Air Quality

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

*Export only.



Innovation never felt so good.™

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