

LANDMARK™

Performance Marked by Flexibility

Commercial Packaged Rooftop Units
Standard- and High-Efficiency
2- to 25-Ton KG/KC/KH Models

UP TO 13.0 SEER, 14.5 IEER
AND 12.7 EER



LENNOX
Innovation never felt so good.®

Performance Marked by Flexibility™

When it comes to reliable and efficient performance, Landmark® rooftop units have always been a standout for light commercial applications. Now we've built more flexibility into the line, making Landmark an excellent choice for virtually any application.

LANDMARK® ROOFTOP UNITS AT A GLANCE:

Engineered for installation flexibility, energy-efficient performance and easy serviceability

2- to 25-ton gas/electric and electric/electric units; 2- to 20-ton heat pump units

Standard- and high-efficiency units available

More than 100 field-selectable options to ensure fast and easy installation

Optional MSAV® supply fan technology with variable frequency drive that delivers fan power savings of up to 61%

Available through select Lennox PartsPlus™ stores and Lennox commercial warehouses

EFFICIENCY RATING

Up to 13.0 SEER, 14.5 IEER and 12.7 EER

WARRANTIES

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

3-Year Limited Warranty on Environ™ Coil System

1-Year Limited Warranty on covered components

See warranty certificate for actual details.

Configuration choices for greater energy-savings potential

The advantages of Landmark rooftop units lie not only in its flexibility and simplicity, but also in its efficiency. Landmark units are now available in standard- and high-efficiency models, and with the addition of the optional MSAV® supply fan, are up to 27% more efficient.* For additional savings, high-efficiency models qualify for many state and local utility rebates.

Over 30 features designed to reduce installation and service time

Landmark rooftop units have been designed so that installation and service time are reduced. An isolated compressor compartment means easier, more accurate charge confirmation. The slide-out blower makes cleaning the blower wheel and belt tensioning, adjustment or replacement quicker and easier. And the accessible gas compartment allows easy access to all gas components, making analysis and service quicker.



Building automation integration improves efficiency and comfort

All Landmark units can now be integrated with the industry's leading building automation system protocol using the BACnet option. BACnet allows remote monitoring and adjusting of the building's heating, cooling and humidity levels; as well as control of the rest of the building's systems, like signs, lighting, refrigeration and more.



Readily available for your specific light commercial application

Every Lennox commercial distribution facility has Landmark units ready for immediate shipment, thanks to daily restocking. In many major markets, units can be picked up the same day they're ordered, and units are available within 48 hours or less to 98% of North America.

Call 1-877-792-0024 to get quotes within minutes, and to check availability in your area.

*Part load, IEER improvement. Comparing standard 10.9 IEER system to optional MSAV 13.8 IEER system.

Field-installed options allow extensive customization

Landmark is ready to conform to your application

Landmark units are available in 2- to 25-ton gas/electric and electric/electric and 2- to 20-ton heat pump configurations. With more than 100 field-installed options available, installers can have exactly the right solution for their needs at the job site, and customers can get the unit that fits their application perfectly.

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.

- Field-powered GFI
- Disconnects
- Economizers with single or dual enthalpy control
- Electric heat
- 50% constant-volume power exhaust fan
- CO₂ sensor
- Return and supply air smoke detectors
- Low ambient kits
- 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 and 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 weeks with these options:

- MSAV® (Multi-Stage Air Volume) supply fan option
- Coil corrosion protection
- Stainless steel heat exchanger
- Hinged doors

Factory options or field accessories

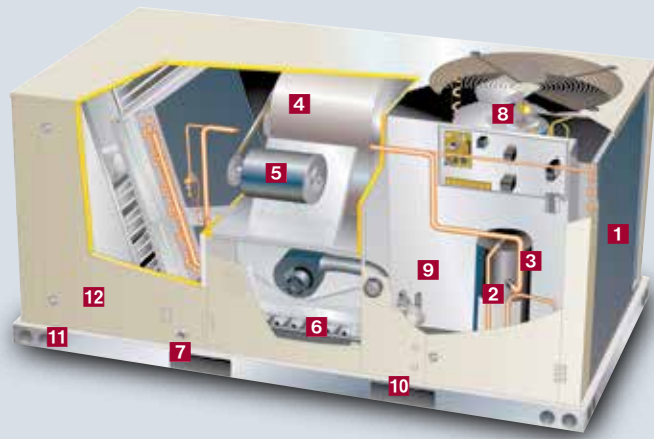
For maximum time and cost flexibility, choose to have these options installed in the field or at the factory.

- Economizers
- Barometric relief dampers
- High- and low-static drive kits
- Heaters (electric/electric only)
- BACnet module
- Novar 2051 ETM module



LANDMARK®

- 1 Environ™ Coil System:** Uses up to 52% less refrigerant, is up to 59% lighter and has up to 20% fewer brazed joints than typical units (standard on all 7.5- to 25-ton G/E and E/E models; heat pump models use tube and fin coils).
- 2 Scroll Compressor:** Standard on all units for reliable long-term operation.
- 3 High-Pressure Switch:** Improves reliability by safeguarding compressor from extreme operating conditions.
- 4 Slide-Out Blower:** Reduces time needed to adjust fan speed, belt tensioning or blower cleaning.
- 5 Predefined Supply Fan Motor/Drive Combinations:** Make selecting components to meet static and airflow requirements quick and easy.
- 6 Easy-Access Gas Compartment:** Allows access to all gas components.
- 7 Corrosion-Resistant, Removable Drain Pan:** Provides application flexibility, durability and improved serviceability. Bottom drain capability also standard.
- 8 Independent Motor Mount:** Allows for easy and efficient service access without removing the top panel.
- 9 Isolated Compressor Compartment:** Allows performance check during normal compressor operation without disrupting airflow.



- 10 Fork Slots on Three Sides:** Easy to pick up and transport units from almost any angle.
- 11 Full-Perimeter Base Rail (with Rigging Holes):** Provides greater structural integrity, so the unit is easier to handle when rigging and transporting.
- 12 Hinged Access Panels:** Factory option provides quick access to components and protects panels and roof from damage during servicing.

Landmark® high-efficiency rooftop unit performance specifications

		COOLING DATA			HEATING INPUT				PHYSICAL DATA		
	NOM. TON	MODEL	EER	IEER	LOW	STD.	MED.	HIGH	DIMENSIONS	SHIP WT.	
									H X W X L [INCHES]	[LBS.]	
GAS/ ELECTRIC UNITS	7.5	KGA092H4B/M	12.5	13.0/14.0	—	130	180	240	47 x 61 x 102	1,154	
	8.5	KGA102H4B/M	12.2	12.9/14.0	—	130	180	240	47 x 61 x 102	1,174	
	10	KGA120H4B/M	12.0	13.0/13.8	—	130	180	240	47 x 61 x 102	1,222	
	13	KGA156H4B/M	12.0	13.6/14.1	—	260	360	—	55 x 91 x 108	2,135	
	15	KGA180H4B/M	12.0	13.5/13.7	—	260	360	480	55 x 91 x 133	2,315	
	17.5	KGA210H4B/M	12.0	13.0/14.0	—	260	360	480	55 x 91 x 133	2,440	
	20	KGA240H4B/M	12.0	13.2/14.5	—	260	360	480	55 x 91 x 133	2,525	
	25	KGA300H4B/M	10.5	10.9/13.8	—	260	360	480	55 x 91 x 133	2,630	
					KW RANGE						
ELECTRIC/ ELECTRIC UNITS	7.5	KCA092H4B/M	12.7	13.0/14.0	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	1,112
	8.5	KCA102H4B/M	12.4	12.9/14.0	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	1,132
	10	KCA120H4B/M	12.2	13.2/14.0	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,187
	13	KCA156H4B/M	12.0	13.6/14.1	15.0	30.0	45.0	60.0	—	55 x 91 x 108	1,985
	15	KCA180H4B/M	12.0	13.5/13.7	15.0	30.0	45.0	60.0	—	55 x 91 x 133	2,165
	17.5	KCA210H4B/M	12.0	13.0/14.0	15.0	30.0	45.0	60.0	90.0	55 x 91 x 133	2,290
	20	KCA240H4B/M	12.0	13.2/14.5	15.0	30.0	45.0	60.0	90.0	55 x 91 x 133	2,375
	25	KCA300H4B/M	10.5	10.9/13.8	15.0	30.0	45.0	60.0	90.0	55 x 91 x 133	2,480

Landmark® standard-efficiency rooftop unit performance specifications

		COOLING DATA		HEATING INPUT				PHYSICAL DATA			
	NOM TON.	MODEL	EER	SEER OR IEER	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]	
											KW RANGE*
GAS/ELECTRIC UNITS	2	KGA024S4D	11.4	13.0	—	65	—	—	39 x 47 x 86	591	
	2.5	KGA030S4D	11.2	13.0	—	65	—	—	39 x 47 x 86	593	
	3	KGA036S4B	10.7	13.0	—	65	105	—	39 x 47 x 86	594	
	4	KGA048S4B	11.0	13.0	—	65	105	150	39 x 47 x 86	631	
	5	KGA060S4B	11.2	13.0	—	65	105	150	39 x 47 x 86	661	
	6	KGA072S4B	11.0	11.2	—	65	105	150	47 x 47 x 86	760	
	7.5	KGA090S4B	11.0	11.2	—	—	105	150	47 x 47 x 99	865	
	7.5	KGA092S4B/M	11.0	11.8/13.0	—	130	180	240	47 x 61 x 102	1,052	
	8.5	KGA102S4B/M	11.0	11.8/13.0	—	130	180	240	47 x 61 x 102	1,072	
	10	KGA120S4B/M	11.0	11.8/13.0	—	130	180	240	47 x 61 x 102	1,112	
	12.5	KGA150S4B/M	11.0	11.4/12.0	—	130	180	240	47 x 61 x 102	1,202	
	15	KGA180S4B/M	10.8	11.0/12.6	—	260	360	480	55 x 92 x 108	1,990	
	17.5	KGA210S4B/M	10.8	12.0/13.1	—	260	360	480	55 x 92 x 108	2,135	
	20	KGA240S4B/M	10.8	11.0/13.0	—	260	360	480	55 x 92 x 133	2,380	
25	KGA300S4B/M	10.0	10.0/12.0	—	260	360	480	55 x 92 x 133	2,380		
ELECTRIC/ELECTRIC UNITS	2	KCA024S4D	11.4	13.0	7.5	10.0	—	—	39 x 47 x 86	555	
	2.5	KCA030S4D	11.2	13.0	7.5	10.0	—	—	39 x 47 x 86	557	
	3	KCA036S4B	10.7	13.0	7.5	15.0	—	—	39 x 47 x 86	558	
	4	KCA048S4B	11.0	13.0	7.5	15.0	—	—	39 x 47 x 86	595	
	5	KCA060S4B	11.2	13.0	7.5	15.0	22.5	—	39 x 47 x 86	625	
	6	KCA072S4B	11.2	11.4	7.5	15.0	22.5	30.0	47 x 47 x 86	724	
	7.5	KCA090S4B	11.2	11.4	7.5	15.0	22.5	30.0	47 x 47 x 99	827	
	7.5	KCA092S4B/M	11.2	12.0/13.2	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	1,052
	8.5	KCA102S4B/M	11.2	12.0/13.2	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	1,072
	10	KCA120S4B/M	11.2	12.0/13.2	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,112
	12.5	KCA150S4B/M	11.2	11.6/12.2	15.0	23.0	30.0	45.0	60.0	47 x 61 x 102	1,202
	15	KCA180S4B/M	11.0	11.2/12.8	15.0	30.0	45.0	60.0	—	55 x 92 x 108	1,840
	17.5	KCA210S4B/M	11.0	12.2/13.3	15.0	30.0	45.0	60.0	90.0	55 x 92 x 108	1,985
	20	KCA240S4B/M	11.0	11.2/13.2	15.0	30.0	45.0	60.0	90.0	55 x 92 x 133	2,230
25	KCA300S4B/M	10.1	10.1/12.1	15.0	30.0	45.0	60.0	90.0	55 x 92 x 133	2,230	
HEAT PUMPS	2	KHA024S4D	11.2	13.0	24,000	7.7/3.4	14,400	2.3	39 x 47 x 86	591	
	2.5	KHA030S4D	11.3	13.0	29,200	7.7/3.5	17,600	2.3	39 x 47 x 86	593	
	3	KHA036S4B	10.9	13.0	36,400	7.7/3.6	22,000	2.3	39 x 47 x 86	595	
	4	KHA048S4B	10.7	13.0	48,000	7.7/3.5	29,500	2.4	39 x 47 x 86	617	
	5	KHA060S4B	10.9	13.0	60,500	7.7/3.6	36,000	2.4	47 x 47 x 86	727	
	6	KHA072S4B	11.0	11.2	70,000	3.3	40,000	2.25	47 x 47 x 99	810	
	7.5	KHA092S4B/M	11.0	12.2/12.5	89,000	3.3	53,000	2.25	47 x 61 x 102	1,137	
	8.5	KHA102S4B/M	11.0	12.2/12.5	100,000	3.3	55,000	2.25	47 x 61 x 102	1,169	
	10	KHA120S4B/M	11.0	11.3/12.5	116,000	3.3	72,000	2.25	47 x 61 x 102	1,235	
	12.5	KHA150S4B/M	10.6	10.7/12.0	138,000	3.3	82,000	2.05	47 x 61 x 124	1,435	
	15	KHA180S4B/M	10.6	12.2/13.2	178,000	3.2	104,000	2.05	55 x 92 x 130	2,150	
	20	KHA240S4B/M	10.6	11.2/13.0	220,000	3.2	128,000	2.05	55 x 92 x 130	2,350	

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 2- 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.

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 healthy and comfortable environment.



Packaged Units

- Emergence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider™ Rooftop Units



Commercial Controls

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



Solar Ready

- SunSource® Commercial Energy System



Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Air Filters
- UVC Lamps



Split Systems

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



Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



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Litho U.S.A.