

LANDMARK®

Performance Marked by Flexibility™

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

UP TO 16.5 SEER, 14.8 IEER
AND 13.0 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 16.5 SEER, 14.8 IEER and 13.0 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 flexibility and simplicity, but also in efficiency. Landmark units are 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

The Landmark line gives you the flexibility to choose from electric-electric and dual-fuel heat pump configurations—in just the right size and at exactly the right price. Standard-efficiency units are available in 2 to 25 tons, and high-efficiency models have capacities ranging from 2 to 10 tons. More than 100 field-installed options allow installers to quickly configure units to perfectly fit the application.

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
- 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 just weeks, with these options:

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

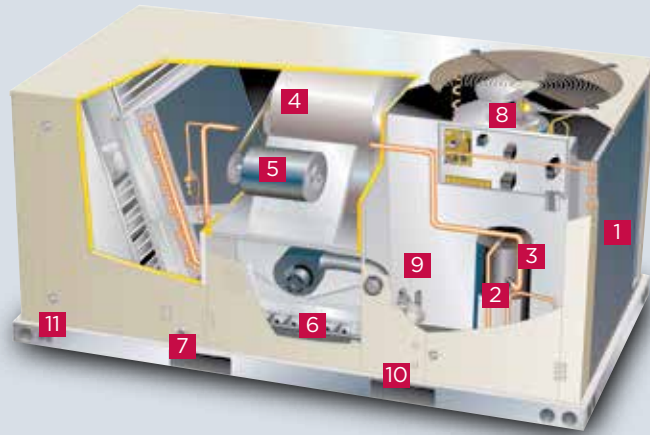
Factory options or field accessories

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.
- 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.

Landmark high-efficiency rooftop unit performance specifications

		COOLING DATA		HEATING INPUT				PHYSICAL DATA			
NOM. TON	MODEL	EER	IEER	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]		
GAS/ ELECTRIC UNITS	6	KGB072H4B / KGB074H4T	12.0	13.5/16.0	—	65	108	150	47 x 47 x 86	690	
	7.5	KGA092H4B/M	12.5	13.0/14.0	—	130	180	240	47 x 61 x 102	1,185	
	8.5	KGA102H4B/M	12.2	12.9/14.0	—	130	180	240	47 x 61 x 102	1,192	
	10	KGA120H4B/M	12.0	13.0/13.8	—	130	180	240	47 x 61 x 102	1,227	
	13	KGA156H4B/M	12.0	13.6/14.1	—	260	360	—	55 x 92 x 108	2,135	
	15	KGA180H4B/M	12.0	13.5/13.7	—	260	360	480	55 x 92 x 133	2,315	
	17.5	KGA210H4B/M	12.0	13.0/14.0	—	260	360	480	55 x 92 x 133	2,440	
20	KGA240H4B/M	12.0	13.2/14.5	—	260	360	480	55 x 92 x 133	2,525		
				KW RANGE							
ELECTRIC/ ELECTRIC UNITS	6	KCB072H4B / KCB074H4T	12.0	13.5/16.0	7.5	15.0	22.5	30.0	—	47 x 47 x 86	661
	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	1,137
	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	1,144
	10	KCA120H4B/M	12.2	13.2/14.0	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,179
	13	KCA156H4B/M	12.0	13.6/14.1	15.0	30.0	45.0	60.0	—	55 x 92 x 108	1,985
	15	KCA180H4B/M	12.0	13.5/13.7	15.0	30.0	45.0	60.0	—	55 x 92 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 92 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 92 x 133	2,375	
				47 CAP.	HSPF/COP 47	17 CAP.	COP 17				
HEAT PUMPS	2	KHB024H4D	13.0	16.5	24,000	8.3/3.88	13,000	2.34		39 x 47 x 86	608
	3	KHB036H4D	12.7	16.0	35,600	8.5/3.9	19,200	2.4		39 x 47 x 86	608
	4	KHB048H4D	12.8	16.0	46,000	8.5/3.9	26,000	2.46		47 x 47 x 86	681
	5	KHB060H4D	12.5	16.0	59,000	8.5/3.76	34,000	2.46		47 x 47 x 86	787
	7.5	KH/DB092H4B/M	12.1	12.9/14.2	86,000	3.6	51,000	2.40		47 x 61 x 102	1,158
	8.5	KH/DB102H4B/M	12.0	12.5/14.3	100,000	3.6	58,000/ 56,000	2.40		47 x 61 x 102	1,160
10	KH/DB122H4E	12.3	14.8	116,000	3.6	65,000	2.4		47 x 61 x 125	1,301	

Landmark standard-efficiency rooftop unit performance specifications

	NOM TON.	MODEL	COOLING DATA		HEATING INPUT				PHYSICAL DATA		
			EER	SEER OR IEER	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]	
GAS/ELECTRIC UNITS	2	KGB024S4D	12.7	14.0	—	65	—	—	39 x 47 x 86	571	
	2.5	KGB030S4D	11.5	14.0	—	65	—	—	39 x 47 x 86	574	
	3	KGB036S4B/D	12.5	14.0	—	65	108	—	39 x 47 x 86	596	
	4	KGB048S4B/D	11.5	14.0	—	65	108	150	39 x 47 x 86	596	
	5	KGB060S4B/D	11.8	14.0	—	65	108	150	47 x 47 x 86	690	
	6	KGB074S4B/T	11.0/11.2	12.7/15.0	—	65	108	150	47 x 47 x 86	690	
	7.5	KGB090S4B/T	11.0	12.7/14.0	—	—	108	150	47 x 47 x 99	843	
	7.5	KGB092S4B	11.2	12.7	—	130	180	240	47 x 61 x 102	1,003	
	7.5	KGA092S4M	11.0	13.0	—	130	180	240	47 x 61 x 102	1,003	
	8.5	KGA102S4M	11.0	13.0	—	130	180	240	47 x 61 x 102	1,023	
	8.5	KGB102S4B	11.0	12.7	—	130	180	240	47 x 61 x 102	1,023	
	10	KGA120S4M	11.0	13.0	—	130	180	240	47 x 61 x 102	1,071	
	10	KGB120S4B	11.0	12.7	—	130	180	240	47 x 61 x 102	1,071	
	12.5	KGB150S4B/M	10.8	12.2 / 13.5	—	130	180	240	47 x 61 x 102	1,200	
	15	KGA180S4M	10.8	12.6	—	260	360	480	55 x 92 x 108	1,990	
	15	KGB180S4B	10.8	12.2	—	260	360	480	55 x 92 x 108	2,055	
	17.5	KGA210S4M	10.8	13.1	—	260	360	480	55 x 92 x 108	2,135	
17.5	KGB210S4B	10.8	12.2	—	260	360	480	55 x 92 x 108	2,165		
20	KGA240S4M	10.8	13.0	—	260	360	480	55 x 92 x 133	2,380		
20	KGB240S4B	10.8	12.2	—	260	360	480	55 x 92 x 133	2,380		
25	KGB300S4B/M	10.5	11.4 / 13.8	—	260	360	480	55 x 92 x 133	2,650		
KW RANGE*											
ELECTRIC/ELECTRIC UNITS	2	KCB024S4D	12.7	14.0	5.0	7.5	10.0	—	—	39 x 47 x 86	543
	2.5	KCB030S4D	11.5	14.0	5.0	7.5	10.0	—	—	39 x 47 x 86	586
	3	KCB036S4B/D	12.5	14.0	7.5	15.0	—	—	—	39 x 47 x 86	568
	4	KCB048S4B/D	11.5	14.0	7.5	15.0	—	—	—	39 x 47 x 86	568
	5	KCB060S4B/D	11.8	14.0	7.5	15.0	22.5	—	—	47 x 47 x 86	661
	6	KCB074S4B/T	11.2	12.9/15.0	7.5	15.0	22.5	30.0	—	47 x 47 x 86	661
	7.5	KCB090S4B/T	11.2	12.9/14.0	7.5	15.0	22.5	30.0	—	47 x 47 x 99	805
	7.5	KCB092S4B	11.2	12.9	7.5	15.0	22.5	30.0	45.0	47 x 47 x 99	805
	7.5	KCA092S4M	11.2	13.2	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	955
	8.5	KCA102S4M	11.2	13.5	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	975
	8.5	KCB102S4B	11.2	12.9	7.5	15.0	22.5	30.0	45.0	47 x 61 x 102	975
	10	KCA120S4M	11.2	13.2	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,023
	10	KCB120S4B	11.2	12.9	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,023
	12.5	KCB150S4B/M	11.0	12.4/13.5	15.0	22.5	30.0	45.0	60.0	47 x 61 x 102	1,152
	15	KCA180S4M	11.0	12.8	15.0	30.0	45.0	60.0	—	55 x 92 x 108	1,840
	15	KCB180S4B	11.0	12.4	15.0	30.0	45.0	60.0	—	55 x 92 x 108	1,905
	17.5	KCA210S4M	11.0	13.3	15.0	30.0	45.0	60.0	90.0	55 x 92 x 108	1,985
17.5	KCB210S4B	11.0	12.4	15.0	30.0	45.0	60.0	90.0	55 x 92 x 108	2,015	
20	KCA240S4M	11.0	13.2	15.0	30.0	45.0	60.0	90.0	55 x 92 x 133	2,230	
20	KCB240S4B	11.0	12.4	15.0	30.0	45.0	60.0	90.0	55 x 92 x 133	2,230	
25	KCB300S4B/M	10.5	11.6/13.8	15.0	30.0	45.0	60.0	90.0	55 x 92 x 133	2,500	
					47 CAP.	HSPF/COP 47	17 CAP.	COP 17			
HEAT PUMPS	2	KHB024S4D	11.7	14.0	25,000	8.0/3.76	14,400	2.28	39 x 47 x 86	607	
	2	KDB024H4E	13	16.5	24,000	8.30/3.88	13,000	2.34	39 x 47 x 86	635	
	2.5	KHB030S4D	11.9	14.0	30,000	8.0/3.72	16,200	2.3	39 x 47 x 86	607	
	3	KHB036S4B/D	11.5	14.0	36,600	8.0/3.64	20,400	2.32	39 x 47 x 86	607	
	3	KDB036H4E	12.7	16.0	35,000	8.50/3.90	19,200	2.40	39 x 47 x 86	635	
	3	KDB036H4T	12	15.0	35,000	8.30/3.64	19,200	2.22	39 x 47 x 86	635	
	4	KHB048S4B/D	11.4	14.0	47,500	8.0/3.72	27,400	2.4	47 x 47 x 86	682	
	4	KDB048H4E	12.8	16.0	46,000	8.50/3.90	26,000	2.46	47 x 47 x 86	710	
	4	KDB048H4T	12	15.0	46,000	8.30/3.82	26,000	2.38	47 x 47 x 86	710	
	5	KHB060S4B	11.9	14.0	58,000	8.0/3.72	33,000	2.38	47 x 47 x 86	727	
	5	KDB060H4E	12.5	16.0	59,000	8.50/3.70	34,000	2.46	47 x 47 x 99	816	
	5	KDB060H4T	12.0	15.0	59,000	8.30/3.64	34,000	2.46	47 x 47 x 99	816	
	6	KHA072S4B	11.0	12.2	70,000	3.3	40,000	2.25	47 x 47 x 99	810	
	6	KHB074S4T	11.0	14.0	70,000	3.3	40,000	2.25	47 x 47 x 99	810	
	7.5	KHA092S4M	11.0	12.5	89,000	3.3	53,000	2.25	47 x 61 x 102	1,137	
	8.5	KHA102S4M	11.0	12.5	100,000	3.3	55,000	2.25	47 x 61 x 102	1,169	
	10	KHA120S4M	11.0	12.5	115,000	3.3	70,000	2.25	47 x 61 x 102	1,235	
12.5	KHA150S4M	10.6	12.0	138,000	3.2	82,000	2.05	47 x 61 x 125	1,435		
15	KHA180S4M	10.6	13.2	178,000	3.2	100,000	2.05	55 x 92 x 130	2,150		
20	KHA240S4M	10.6	13.0	220,000	3.2	124,000	2.05	55 x 92 x 130	2,350		

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

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

- Energence® Rooftop Units
- Strategos® Rooftop Units
- Landmark® Rooftop Units
- Raider® Rooftop Units
- Accessories



Commercial Controls

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



VRF

- Outdoor Units
- Indoor Units
- Controls
- Accessories



Mini-Split Systems

- Wall-Mounted Non-Ducted
- Ceiling Cassette Non-Ducted
- Medium-Static Ducted
- Ceiling/Floor Non-Ducted



Split Systems

- Elite® Series Large Split Systems
- S-Class® Air Conditioners/Heat Pumps
- T-Class™ Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils



Solar Ready

- SunSource® Commercial Energy System



Heating

- Unit Heaters
- Duct Furnaces
- Furnaces



Indoor Air Quality

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



Innovation never felt so good.®

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