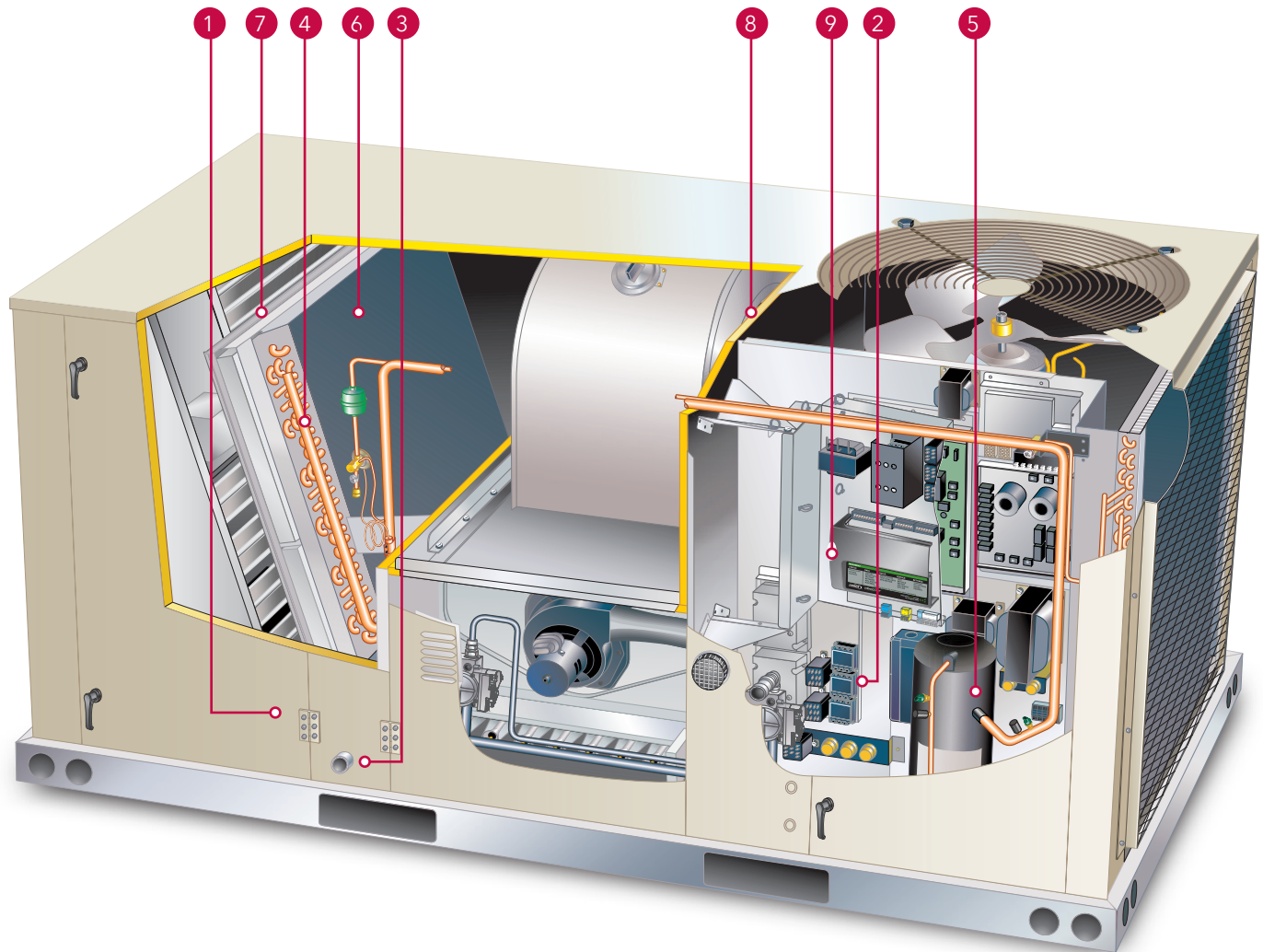


LENNOX ENERGENCE® 50HZ
COMMERCIAL ROOFTOP UNITS



SAVING ENERGY WITH INTELLIGENCE®



- 1 HINGED ACCESS PANEL**
Provides quick access to components and protects panels and roof from damage during servicing.
- 2 ISOLATED COMPRESSOR COMPARTMENT**
Allows performance check during normal compressor operation without disrupting airflow.
- 3 CORROSION-RESISTANT, REMOVABLE, DOUBLE-SLOPED DRAIN PAN**
Provides application flexibility, durability and improved serviceability.
- 4 THERMOSTATIC EXPANSION VALVES**
Provide peak cooling performance across the entire application range.
- 5 SCROLL COMPRESSOR**
Standard on all units for reliable, long-term operation.
- 6 HUMIDITROL® DEHUMIDIFICATION SYSTEM**
Patented system allows for independent control of temperature and humidity, providing enhanced comfort control.

- 7 MERV 13 FILTERS**
Available as factory or field option, provide an enhanced level of indoor air quality, and can help the building qualify for additional LEED® credits.
- 8 FOIL-FACED INSULATION**
On all internal surfaces that contact airflow, helps minimize airborne fibers and improve IAQ.
- 9 PRODIGY® CONTROL SYSTEM**
Standard on every Energence® rooftop unit.
ENVIRON™ COIL SYSTEM
Uses less refrigerant and is lighter than traditional coils (available on select models, not shown).
BLOWER-BELT AUTO TENSIONER
Factory option ensures blower is delivering the proper airflow for comfort, while maximizing efficiency and belt life (not shown).

LonTalk is a registered trademark of the Echelon Corporation.



Featuring intelligent technology, Energence® rooftop units give you a more sophisticated level of performance and control.

Energence® was designed with the latest innovations to deliver some of the highest commercial rooftop unit efficiency ratings in the industry. The exclusive Prodigy® 2.0 Unit Controller interface provides guided setup, ensuring the most accurate configuration and commissioning in the least amount of time.

ENERGENCE HIGHLIGHTS:
10.6 to 105kW LC/LG Models

Up to 15.5 SEER, 12.9 EER and 13.6 IEER



Prodigy® 2.0 Unit Controller provides fast, accurate setup and simplified operation



Optional MSAV® supply fan technology achieves up to 75% fan power savings



Environ™ coil system maximizes reliability and sustainability*



Humiditrol® dehumidification system improves comfort

Extensive factory options and accessories are available



ENERGY STAR® certified units



Financing available through www.lennoxleasing.com



EFFICIENT BY DESIGN

The Energence lineup of rooftop units deliver the lowest cost of ownership through exceptional efficiency and intelligent design.

- **Energy-saving efficiency ratings** of up to 23.5 SEER, 15 EER and 22 IEER for ultra-high-efficiency performance.
- **Optional MSAV® supply fan technology** can provide up to 75% fan power savings.
- **Qualifies for energy rebates/incentives**, delivering even more ways to save money.



INTELLIGENT OPERATION

Industry-leading Prodigy® 2.0 Unit Controller delivers enhanced performance, fast and accurate setup, and simplified operation.

- **Four-line LCD screen** with simplified user interface and text-based display enables intuitive setup and easy system navigation.
- **Patented SmartWire™ system** allows efficient unit installation and effective troubleshooting.
- **Prodigy App** allows easy installation and troubleshooting with alarm and control parameter lookup, as well as access to technical documents.



SIMPLE SERVICE

The Simple Service™ system helps ensure ease of installation and maintenance to make every call easier.

- **Accessible gas compartment** allows access to all gas components.
- **Slide-out blower motor** reduces installation time and is easy to service.
- **Isolated compressor** allows performance check while unit is working, without interrupting airflow.

*Available on Energence high- and standard-efficiency units only.



Prodigy® 2.0

A smart idea that keeps getting smarter.

Standard on every Energence unit, the Prodigy 2.0 unit controller helps optimize system performance and meet design specifications. With the Prodigy 2.0 controller, monitoring and controlling the system is easier than ever before. The enhanced user interface includes additional space for more intuitive navigation, along with access to the home screen from any point in the menu for quick, user-friendly operation.

Features:

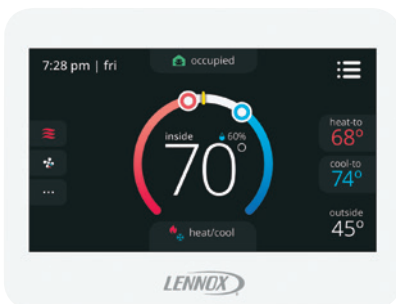
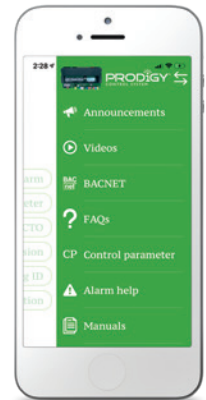
- Patented SmartWire system for quick and efficient installation and troubleshooting
- Four-line, backlit LCD provides an intuitive setup and navigation experience
- Integrated USB service port tracks Energence rooftop units' current and historical performance
- Seamless building automation integration with certified BACnet® and LonTalk® modules
- Over 250 adjustable parameters allow for customized comfort
- Over 100 diagnostic codes for comprehensive monitoring and simplified troubleshooting

The Helpful, Convenient Prodigy App

The Prodigy app, available as a free download from iTunes or Google Play, speeds up service by giving you on-the-spot access to helpful resources.

Features of the app include:

- Step-by-step troubleshooting guides
- Instructional videos
- Product and technical FAQs
- Searchable library of technical documents on lennoxcommercial.com



Lennox ComfortSense® 8500 Commercial Programmable Thermostats

- Designed for easy integration with all Energence rooftop units
- Fully programmable, intuitive interface for enhanced comfort and humidity control
- Compatible with BACnet networks for fully integrated control with setpoint adjustment capability
- Provides 4 stages of heating and cooling and full variable-speed operation, resulting in enhanced comfort and dehumidification

Energence Ultra-High-Efficiency rooftop unit performance specifications

	NOM. [kW] TON	MODEL	COOLING DATA		HEATING INPUT					PHYSICAL DATA	
			EER	IEER	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [MM]	SHIP WT. [KG]	
GAS/ELECTRIC UNITS	21.1 (6)	KGB074H4B	12.0	13.5	–	16.7	27.8	38.7		1,191 x 1,194 x 2,165	313
	26 (7.5)	KGA092H4B	12.7	12.9	–	33.4	46.7	61.5		1,191 x 1,527 x 2,572	538
	30 (8.5)	KGA102H4B	12.4	12.9	–	33.4	46.7	61.5		1,191 x 1,527 x 2,572	541
	35 (10)	KGA120H4B	12.2	12.7	–	33.4	46.7	61.5		1,191 x 1,527 x 2,572	557
	46 (13)	KGA156H4B	12.2	13.6	–	68.5	91.9	123		1,378 x 2,315 x 2,737	968
	53 (15)	KGA180H4B	12.2	13.5	–	68.5	91.9	123		1,378 x 2,315 x 3,382	1,050
	62 (17.5)	KGA210H4B	12.2	13.0	–	68.5	91.9	123		1,378 x 2,315 x 3,382	1,107
	70 (20)	KGA240H4B	12.2	13.2	–	68.5	91.9	123		1,378 x 2,315 x 3,382	1,145
88 (25)	KGA300H4B	10.7	10.9	–	68.5	91.9	123		1,378 x 2,315 x 3,382	1,193	
					KW RANGE						
ELECTRIC/ELECTRIC UNITS	21.1 (6)	KCB074H4B	12.0	13.5	5.7	11.5	17.2	23	–	1,191 x 1,194 x 2,165	300
	26 (7.5)	KCA092H4B	12.9	12.9	5.7	11.5	17.2	23	34.5	1,191 x 1,527 x 2,572	516
	30 (8.5)	KCA102H4B	12.6	12.9	5.7	11.5	17.2	23	34.5	1,191 x 1,527 x 2,572	519
	35 (10)	KCA120H4B	12.4	12.7	11.5	17.2	23	34.5	45.9	1,191 x 1,527 x 2,572	535
	46 (13)	KCA156H4B	12.2	13.6	11.5	23	34.5	45.9	–	1,378 x 2,315 x 2,737	900
	53 (15)	KCA180H4B	12.2	13.5	11.5	23	34.5	45.9	–	1,378 x 2,315 x 3,382	982
	62 (17.5)	KCA210H4B	12.2	13.0	11.5	23	34.5	45.9	68.9	1,378 x 2,315 x 3,382	1,039
	70 (20)	KCA240H4B	12.2	13.2	11.5	23	34.5	45.9	68.9	1,378 x 2,315 x 3,382	1,077
88 (25)	KCA300H4B	10.7	10.9	11.5	23	34.5	45.9	68.9	1,378 x 2,315 x 3,382	1,125	

THE QUIETEST ROOFTOP UNITS IN THEIR CLASS
ARE ALSO THE MOST EFFICIENT.



SOLUTIONS FOR CUSTOMIZED COMFORT

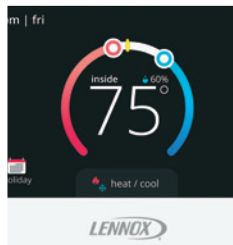
Don't just choose a Lennox product – choose a Lennox® Commercial Comfort System.

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
- Accessories



COMMERCIAL CONTROLS

- iCON™ Building Automation System
- Systems Integration Solutions
- Commercial Thermostats



VRF

- Outdoor Units
- Indoor Units
- Controls
- Accessories



MINI-SPLIT SYSTEMS

- Heat Pump Mini-Splits
- Low-Ambient Heat Pump Mini-Splits
- Indoor Units
- Controls



HEATING

- Unit Heaters
- Duct Furnaces
- Furnaces



INDOOR AIR QUALITY

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



SPLIT SYSTEMS

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

