

# COMPETITIVE COMPARISON

Energence®  
Ultra-High-Efficiency Premium  
Rooftop Units - 3 to 25 Tons



Feature comparison	Lennox: Energence	Carrier: Weather Expert LC™	Daikin: Rebel™	Trane: Precedent eFlex/Voyager eFlex
Size (tons)	3 to 25	3 to 23	3 to 28	3 to 17.5
Gas/electric models	LGH***U	48 LC	DPS*****CG	YZ
Electric/electric models	LCH***U	50 LC	DPS*****CE	TZ
Factory-installed options	Extensive	◆	◆	◆
Energy efficiency and performance				
Highest EER	15.0	13.7	13.5	13.6
Highest SEER	23.5	17.5	18.5	20.1
Highest IEER	22.0	21.0	20.6	23.2
Supply fan options	MSAV*, MSAV with DirectPlus™	–	–	–
Blower motor belt auto tensioner to help ensure proper airflow and extend belt life	Option, select models	–	–	–
Metering device	TXV	TXV	EEV	TXV
Advanced unit controller	Prodigy 2.0 Unit Controller (Standard)	SystemVu (option)	MicroTech III (Standard)	ReliaTel™ (standard), Human Interface (option)
Certified for BACnet and LonTalk® protocols	◆	Option	Option	Option
USB port for easy download and transfer of unit information from unit controller	◆	with SystemVu	◆	Human Interface Only
Lowest sound rating (dBA)	73	76	–	81
Comfort, indoor air quality (IAQ) and ventilation				
Maximum number of cooling stages	Modulating	3	Modulating	Modulating
UVC lamp to reduce microbe growth on coils and drain pan	Option	Option	Option	Option
Highest MERV (Minimum Efficiency Reporting Value) air filters available installed with unit	13	–	14	13
Double-sloped drain pan, constructed from non-corroding polymer material to help minimize standing water and leaks	◆	◆	–	–
Demand control ventilation (DCV) for cost-effective IAQ	Option	Option	Option	Option

◆ represents standard option

(continued on back)

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Reliability	Lennox: Energence	Carrier: Weather Expert LC™	Daikin: Rebel™	Trane: Precedent eFlex/Voyager eFlex
Freezestats	◆	–	–	–
Temperature operating range (°F) using standard controls	0 - 125 3 - 6 Tons 40 - 125 7.5 - 25 Tons	10 - 125 (3 - 5 ton) 40 - 125 (6 - 23 ton)	40 - 158	0 - 120
Blower (fan) proving switch	Standard on select models	–	–	–
Crankcase heater	◆	◆	◆	◆
Filter drier (liquid line strainer)	◆	◆	◆	◆
High-pressure switch	◆	◆	◆	◆
Low-pressure switch	◆	◆	◆	◆
Full-perimeter base rail	◆	◆	◆	◆
Suction pressure transducer	Standard on 7.5 - 25 Tons	–	–	–
Compressor sump thermistor	Standard on 7.5 - 25 Tons	–	–	–
Compressor oil line sight glass	Standard on 7.5 - 25 Tons	–	–	–
Installation and serviceability				
Fork slots on three sides for easy installation	◆	3 to 10 tons	–	–
Isolated compressor compartment to improve ease of serviceability	◆	–	–	–
Advanced diagnostic capability through unit controller	◆	Option	◆	◆
Hinged toolless access panels	◆	Option	–	Option
Slide-out blower motor for easy serviceability	◆	–	◆	–
Slide-out compressor	7.5 - 12.5 Tons	–	–	–
Fully insulated base to minimize installation costs	◆	–	–	–
Simplified installation through advance keyed and color-coded connectors	◆	–	–	–
Runtime hours and turn-on cycles recorded				
Compressors	◆	Option	Option	Option
Blower	◆	Option	Option	Option
Condensing fans	◆	Option	Option	Option
Free cooling (with optional economizer)	◆	Option	Option	Option
Heating (with stage information)	◆	Option	Option	Option
Power exhaust (with optional accessory)	◆	Option	Option	Option

◆ represents standard option

Comparison based on review of published competitive product catalogs available to public as of December 2018. For a complete list of the registered and common law trademarks owned by Lennox Industries Inc., please visit [www.lennox.com](http://www.lennox.com). Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.

