

# Line Logic

## Lennox® Rooftop Units



| Feature comparison   | Energence®   | Landmark®  | Raider®           |
|--|--|--|-------------------|
| Size (tons)  | 3 to 50  | 2 to 25  | 3 to 12.5         |
| Gas/Electric models  | LGH  | KGA, KGB   | ZGA, ZGB          |
| Electric/Electric models   | LCH  | KCA, KCB   | ZCA, ZCB          |
| Heat pump models/Dual Fuel   |  | KHA, KHB, KHB**B/M, KHD**B/M                                   | ZHA, ZHB          |
| Factory-installed options  | Extensive <sup>1</sup>   | ♦  | ♦                 |
| <b>Control system</b>  |  |  |                   |
| Unit controller  | Prodigy® 2.0 Unit Controller                                   | Electromechanical  | Electromechanical |
| Interoperability via BACnet or LonTalk® protocols  | ♦  | ♦  | ♦                 |
| SmartWire™ system to improve diagnostics and ease of installation for field accessories      | ♦  |  |                   |
| <b>Energy efficiency and performance</b>   |  |  |                   |
| Highest SEER level (5 tons and below)  | 23.5   | 16.5   | 14.0              |
| Highest IEER level (6 tons and above)—standard efficiency/high efficiency                    | 22.0   | 14.8   | 15.0              |
| Highest EER level—standard efficiency/high efficiency  | 15.0   | 13   | 11.7              |
| ENERGY STAR® certified for high efficiency   | ♦  | ♦  |                   |
| CEE efficiency tier for energy rebates <sup>2</sup>  | Tier 1, Tier 2   | Tier 1, Tier 2   |                   |
| MSAV® (multi-stage air volume) supply fan for increased energy savings and comfort (tonnage) | 3 to 25  | 6 to 25  | 6 to 12.5         |
| Energy recovery wheel for improved efficiency  | Field option (up to 25 tons)<br>Factory option (35 to 50 tons) | Field option   |                   |
| Metering device  | TXV: 3 to 50 tons (except 12.5)/<br>Fixed orifice: 12.5 tons   | TXV: High efficiency/<br>Fixed orifice:<br>Standard efficiency | Fixed orifice     |
| <b>Comfort, indoor air quality (IAQ) and ventilation</b>                                     |  |  |                   |
| Humiditrol® dehumidification system for improved humidity control                            | Factory option on most models                                  |  |                   |
| High-efficiency filters  | MERV 8 and 13  | MERV 8 and 13  |                   |
| Multi-stage cooling for increased comfort (tonnage)  | 3 to 25  | 6 to 25  | 6 to 12.5         |
| Maximum number of cooling stages   | 4  | 2  | 2                 |
| UVC lamp to reduce microbe growth on coils and drain pan                                     | Factory or field option  | Field option   |                   |
| <b>Reliability</b>   |  |  |                   |
| Freezestats  | ♦  | ♦  |                   |
| Temperature operating range (°F) using standard controls                                     | 0–125/Ultra-high-efficiency models<br>7.5-20 ton 40-125        | 30–125   | 35–125            |
| Blower (fan) proving switch  | ♦  |  |                   |
| Crankcase heater   | ♦  | ♦  | ♦                 |
| Filter drier (liquid line strainer)  | ♦  | ♦  | ♦                 |
| High-pressure switch   | ♦  | ♦  | ♦                 |
| Low-pressure switch  | ♦  |  |                   |
| Full-perimeter base rail   | ♦  | ♦  | ♦                 |
| <b>Installation and serviceability</b>   |  |  |                   |
| Isolated compressor compartment to improve ease of serviceability                            | ♦  | ♦  |                   |
| Advanced diagnostic capability through unit controller                                       | ♦  |  |                   |
| Hinged access panels   | ♦  | Factory option   |                   |
| Slide-out blower motor for easy serviceability (7.5-ton models and above)                    | ♦  | ♦  |                   |
| Easy-access gas compartment  | ♦  | ♦  | ♦                 |
| Fully insulated base to minimize installation costs  | ♦  | ♦  |                   |
| Fork slots on three sides for easy installation  | ♦  | ♦  | ♦                 |

<sup>1</sup>Over 3 million possible factory configurations.

<sup>2</sup>CEE efficiency level based on EER values.

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

