



Enlight rooftop units powered by the Lennox® CORE Unit Controller create a bright future through a highly energy-efficient and environmentally sustainable design. Comprehensive configurations meet a wide range of applications, making it the most flexible product line Lennox has to offer.



ENLIGHT ROOFTOP SERIES INTERNAL COMPARISON

BRAND	ENLIGHT LOW GWP	ENLIGHT R-410A
Electric/Electric	3 to 30 Tons (LCT)	3 to 25 Tons (LCT)
Gas/Electric	3 to 30 Tons (LGT)	3 to 25 Tons (LGT)
Heat Pump	3 to 25 Tons (LHT)	2 to 20 Tons (LHT)
Dual Fuel	3 to 25 Tons (LDT)	2 to 20 Tons (LDT)
Efficiency Levels	High	High
Unit Controller	Lennox® CORE Unit Controller	Lennox® CORE Unit Controller
Condenser Coil	Environ™ (GE/EE), TBF (HP/DF)	Environ™ (GE/EE), TBF (HP/DF)
Standard Cooling Range	0-125°F	0-125°F
Refrigerant Detection System (RDS)	Standard	N/A
Evaporator Coil	Fin/Tube (7.5-30 Tons GE, EE and all HP,DF) Environ™ (3-6 Tons GE, EE)	Fin/Tube (7.5-25 Tons GE, EE and all HP,DF) Environ™ (3-6 Tons GE, EE)

BOX BY BOX COMPARISON

TONNAGE RANGE - A BOX	3-6 TONS	3-6 TONS
Cooling Stages	2	2
Heating Stages	2	2
Supply Fan Type	Direct Drive	Direct Drive
Supply Fan Control	MSAV®	MSAV®
SEER2/IEER (up to)	17.5 SEER2 / 17.3 IEER	17.8 SEER / 17.0 IEER
EER2 (up to)	13.5	13.3
TONNAGE RANGE - B BOX	6.5-12.5 TONS	6.5 - 12.5 TONS
Cooling Stages	3	3
Heating Stages	2	2
Supply Fan Type	Direct Drive	Direct Drive
Supply Fan Control	MSAV®, VAV	MSAV®, VAV
IEER (up to)	17	15.7
EER (up to)	12.7	12.5
TONNAGE RANGE - C/D BOX	13-30 TONS	13-25 TONS
Cooling Stages	Up to 4	Up to 4
Heating Stages	Up to 4	Up to 4
Supply Fan Type	Belt Drive	Belt Drive
Supply Fan Control	MSAV®, VAV	MSAV®, VAV
IEER (up to)	16.2	16.2
EER (up to)	12.2	12.2

CONTROLS COMPARISON

CONTROLS	ENLIGHT LOW GWP	ENLIGHT R-410A
Unit Controller	Lennox® CORE Unit Controller	Lennox® CORE Unit Controller
BACnet® MS/TP	Standard	Standard
BACnet® IP	Standard	Standard
LonTalk®	Option (Field/Factory)	Option (Field/Factory)
Novar® LSE	Option (Factory)	Option (Factory)
Fresh Air Tempering	Option (Field/Factory)	Option (Field/Factory)
Dirty Filter Switch	Option (Field/Factory)	Option (Field/Factory)
Blower Proving	Standard	Option (Field/Factory)

FEATURE COMPARISON

INDOOR AIR QUALITY	ENLIGHT LOW GWP	ENLIGHT R-410A
Humidity Control	Humiditrol® Option (Factory)	Humiditrol® Option (Factory)
Filters	MERV 8, 13, 16	MERV 8, 13, 16
UVC Lights	Option (Field/Factory)	Option (Field/Factory)
NPBI - Ionizers	Option (Field)	Option (Field/Factory)
Smoke Detector	Option (Field/Factory)	Option (Field/Factory)
OUTSIDE AIR OPTIONS	ENLIGHT LOW GWP	ENLIGHT R-410A
High Performance Economizer	Option (Field/Factory)	Option (Field/Factory)
Motorized Outdoor Air Damper	Option (Field/Factory)	Option (Field/Factory)
Manual Outdoor Air Damper	Option (Field)	Option (Field)
Power Exhaust	Option (Field/Factory)	Option (Field/Factory)
RELIABILITY	ENLIGHT LOW GWP	ENLIGHT R-410A
High Pressure Switch	Standard	Standard
Indoor Coil Freeze Protection	Standard	Standard
Low Pressure Switch	Standard	Standard
Up to 100kA SCCR	Option (Factory)	Option (Factory)
Hail/Coil Guards	Option (Field/Factory)	Option (Field/Factory)
Drain Pan Overflow Switch	Option (Field/Factory)	Option (Field/Factory)
SERVICEABILITY	ENLIGHT LOW GWP	ENLIGHT R-410A
Hinged Access Panels with Handle	Standard	Standard
Slide Out Blower	Standard (All models)	Standard (7.5 Tons and Up)
Accessible Gas Heat	Standard	Standard
Fully Insulated Base	Standard	Standard
Isolated Compressor Compartment	Standard	Standard

Join the rooftop revolution by contacting your Lennox Sales Representative today!

**Factory installed option temporarily restricted.*

Note: Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.