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), T&F (HP/DF)	Environ™ (GE/EE), T&F (HP/DF)
Standard Cooling Range	0-125°F	0-125°F
Refrigerant Detection System (RDS)	Standard	N/A
Evaporator Coil	T&F (7.5-30 Tons GE, EE and all HP,DF) Environ™ (3-6 Tons GE, EE)	T&F (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)	17.0	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

Note – Due to our ongoing commitment to quality, all specifications, ratings, and dimensions are subject to change without notice. For the latest technical information, Lennox.com/Commercial | Contact us at 1-800-4-LENNOX

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COMMERCIAL SOLUTIONS

CONTROLS COMPARISON

CONTROLS	ENLIGHT R-454B	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 R-454B	ENLIGHT R-410A
Humidity Control	Humiditrol® Option (Factory)	Humiditrol® Option (Factory)
Filters	MERV 8, 13, 16	MERV 8, 13, 16
UVC Lights	Option (Field)	Option (Field/Factory)
NPBI - Ionizers	Option (Field)	Option (Field/Factory)
Smoke Detector	Option (Field/Factory)	Option (Field/Factory)
OUTSIDE AIR QUALITY	**ENLIGHT R-454B**	**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 R-454B**	**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 R-454B**	**ENLIGHT R-410A**
Hinged Access Panels with Handle	Standard	Standard
Slide Out Blower	Standard	Standard (7.5 Tons and Up)
Accessible Gas Heat	Standard	Standard
Fully Insulated Base	Standard	Standard
Isolated Compressor Compartment	Standard	Standard

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