



R-454B INTERNAL ROOFTOP COMPARISON

Brand	Model L™	Enlight	Xion™	Raider®	Strategos®
Electric/Electric	3 to 25 Tons (LCM)	3 to 30 Tons (LCT)	2 to 25 Tons (LCX)	3 to 12.5 Tons (ZCD)	-
Gas/Electric	3 to 25 Tons (LGM)	3 to 30 Tons (LGT)	2 to 25 Tons (LGX)	3 to 12.5 Tons (ZGD)	-
Heat Pump	-	3 to 25 Tons (LHT)	2 to 25 Tons (LHX)	3 to 10 Tons (ZHD)	3 to 20 Tons (SHH)
Dual Fuel	-	3 to 25 Tons (LDT)	-	-	3 to 20 Tons (SDH)
Efficiency Levels	Ultra-High	High	Standard	Standard	Ultra-High
Unit Controller	Lennox® CORE	Lennox® CORE	Lennox® CORE Lite	Basic A2L Controller	Lennox® CORE
Humidity Control	Humiditrol+™ (Modulating HGRH), EDH	Humiditrol® (On/Off HGRH)	Humiditrol® (On/Off HGRH)	-	Enhanced Dehumidification (EDH)
Hinged Access Panels	Standard	Standard	Option (Factory)	-	Standard
Independent Circuits	All Models	All Models	All Models	All Models	All Models
Footprint	Lennox	Lennox	Lennox	Carrier Replacement	Strategos
Control Types	Model L™	Enlight	Xion™	Raider®	Strategos®
24V Thermostat	Standard	Standard	Standard	Standard	Standard
Room Sensor	Standard	Standard	Standard	-	Standard
Humidity Control	24V, 0-10VDC, CS8500, BAS	24V, 0-10VDC, CS8500, BAS	24V, 0-10VDC, CS8500, BAS	-	24V, 0-10VDC, CS8500, BAS
BACnet® MS/TP	Standard	Standard	Option (Field) - 38B35	3rd Party (Field)	Standard
BACnet® IP	Standard	Standard	-	-	Standard
LonTalk®	Option (Field/Factory)	Option (Field/Factory)	-	-	Option (Field/Factory)
Novar® LSE	Option (Factory)	Option (Factory)	-	-	-
Discharge Air Control	Standard	MZVAV - Standard	-	-	Standard
Box Size - A	3-6 Tons	3-6 Tons	2-6 Tons	3-6 Tons	3-5 Tons
Cooling Stages	Variable Speed	2	2-5 T (1) 6 T (2)	3-5 T (1) 6 T (2)	Variable Speed
Gas Heating Stages	2	2	Up to 2	Up to 2	2
Supply Fan Type	Direct Drive	Direct Drive	Direct Drive, Belt Drive	Direct Drive, Belt Drive	Direct Drive
Supply Fan Control	SZVAV, MZVAV	MSAV®	CAV, MSAV®	CAV, MSAV®	SZVAV, MSAV®
SEER2/IEER (up to)	21.2 / 23.1	17.5 / 17.3	14 / 15.5	13.4 / 15.5	17
EER2 (up to)	14.3	13.5	11.5	11.0	12.1
Box Size - B	7.5-12.5 Tons	6.5-12.5 Tons	7.5-12.5 Tons	7.5-12.5 Tons	7.5-10 Tons
Cooling Stages	Variable Speed	3	3	3	Variable Speed
Gas Heating Stages	2	2	2	2	2
Supply Fan Type	Direct Drive	Direct Drive	Belt Drive - VFD	Belt Drive 2S - 7.5, 8.5T; VFD 10, 12.5T	Direct Drive
Supply Fan Control	SZVAV, MZVAV	MSAV®, MZVAV	MSAV®	MSAV®	SZVAV, MSAV®
IEER (up to)	21.0	17.0	15.0	15.0	21.5
EER (up to)	12.7	12.7	11.2	11.2	12.1
Box Size - C/D	13-25 Tons	13-30 Tons	15-25 Tons	N/A	15-20 Tons
Cooling Stages	Variable Speed	Up to 4	Up to 3	-	Variable Speed
Gas Heating Stages	Up to 4	Up to 4	Up to 4	-	2
Supply Fan Type	Belt Drive - VFD	Belt Drive - VFD	Belt Drive - VFD	-	Direct Drive
Supply Fan Control	SZVAV, MZVAV	MSAV®, MZVAV	MSAV®	-	SZVAV, MSAV®
IEER (up to)	19.0	16.2	14.2	-	21
EER (up to)	12.2	12.2	11.0	-	12.1



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Outside Air	Model L™	Enlight	Xion™	Raider®	Strategos®
ULL Economizer	Option (Field/Factory)	Option (Field/Factory)	Option (Field/Factory)	Option (Field/Factory)	Option (Field/Factory)
Standard Economizer	-	-	-	Option (Field)	-
Motorized OAD	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	Option (Field)	Option (Factory)
Manual OAD	Option (Field)	Option (Field)	Option (Field)	Option (Field)	Option (Factory)
Power Exhaust	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	Option (Field)	Option (Factory)*
Reliability	Model L™	Enlight	Xion™	Raider®	Strategos®
Refrigerant Detection System (RDS)	Standard	Standard	Standard	Standard	Standard
High Pressure Switch	Standard	Standard	Standard	Standard	Standard
Indoor Coil Freeze Protection	Standard	Standard	Standard	Standard	Standard
Low Pressure Switch	Standard	Standard	Standard	Standard	Standard
3-Strike Protection	Standard	Standard	Standard	Standard	Standard
Up to 100kA SCCR	Option (Factory)	Option (Factory)	-	-	-
Hail/Coil Guards	Option (Field/Factory)	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	Option (Field)
Drain Pan Overflow Switch	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	Option (Field)	Option (Field/Factory)
Dirty Filter Switch	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	-	Option (Factory)
Blower Proving	Standard	Standard	Standard	-	Standard
Standard Mechanical Cooling Range	0-125°F	0-125°F	2-6T: 0-125°F; 7.5-25T: 45-125°F	45-125°F	0-125°F
Serviceability	Model L™	Enlight	Xion™	Raider®	Strategos®
Hinged Access Panels	Standard	Standard	Option (Factory)	-	Standard
CORE Service App	Standard	Standard	Standard	-	Standard
Accessible Heating	Standard	Standard	Standard	Standard	Standard
Slide Out Blower	Standard	Standard	Standard	Standard (7.5-12.5T)	Standard
Toolless Filter Access	Standard	Standard	Standard	Standard	Standard
Fully Insulated Base	Standard	Standard	Standard	-	Standard
Isolated Compressor Compartment	Standard	Standard	Standard	-	Standard
Indoor Air Quality	Model L™	Enlight	Xion™	Raider®	Strategos®
Filters (Up to MERV 16)	(Field/Factory)	(Field/Factory)	(Field)	-	(Field/Factory)
Smoke Detector(s)	Option (Field/Factory)	Option (Field/Factory)	Option (Field)	Option (Field)	Option (Field/Factory)
NPBI - Ionizers	Option (Field)	Option (Field)	Option (Field)	-	-
UVC Lights	Option (Field)	Option (Field)	Option (Field)	-	-
Fresh Air Tempering	Option (Field/Factory)	Option (Field/Factory)	-	-	Option (Field)

*(092 through 240 Models)



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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