

Enlight rooftop units are powered by the Lennox® CORE Control System and create a bright future through their 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.



APPLICATION FLEXIBILITY

The Enlight lineup gives you the flexibility to configure the product to your exact application.



SUSTAINABLE BY DESIGN

The Enlight family was engineered to minimize environmental impact through exceptional efficiency and a sustainable design.



ENGINEERED INTELLIGENCE

The Lennox® CORE control system delivers connected service, open integration, reliable performance, and efficiency optimization to empower all parts of your organization.



SIMPLE SERVICE

Enlight rooftop units maximize efficiency of maintenance and service operations, reducing operational costs, and minimizing downtime.

APPLICATION FLEXIBILITY, INTELLIGENT OPERATION

3-30 TON ENLIGHT PACKAGED ROOFTOP PERFORMANCE DATA (ELECTRIC OR GAS HEAT) - HIGH EFFICIENCY															
MODEL NUMBER	L(C,G) T036H5E	L(C,G) T048H5E	L(C,G) T060H5E	L(C,G) T072H5E	L(C,G) T092H5(E,P)	L(C,G) T102H5(E,P)	L(C,G) T120H5(E,P)	L(C,G) T150H5(E,P)	L(C,G) T156H5(M,V)	L(C,G) T180H5(M,V)	L(C,G) T210H5(M,V)	L(C,G) T240H5(M,V)	L(C,G) T300H5(M,V)	L(C,G) T302H5(M,V)	L(C,G) T360H5(M,V)
SIZE (TONS) / CABINET	3 TON / A	4 TON / A	5 TON / A	6 TON / A	7.5 TON / B	8.5 TON / B	10 TON / B	12.5 TON / B	13 TON / C	15 TON / C	17.5 TON / C	20 TON / C	25 TON / C	25 TON / D	30 TON / D
EFFICIENCY	High	High	High	High	High	High	High	High	High	High	High	High	High	High	High
BLOWER TYPE	MSAV	MSAV	MSAV	MSAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV	MSAV/VAV
NET COOLING CAPACITY (Btuh)	36,000	49,000	60,000	69,000	92,000	100,000	118,000	138,000	148,000	172,000	200,000	228,000	270,000	300,000	350,000
COMPRESSOR QTY AND TYPE	1 Two-Speed (Scroll)				1 Two-Speed, 1 Fixed-Speed (Scroll)				1 Two-Speed, 1 Fixed-Speed	3 Fixed-Speed (Scroll)	4 Fixed-Speed (Scroll)				
COOLING STAGES	2	2	2	2	3	3	3	3	3	3	4	4	4	4	4
EER (EER2 036-060)	13.5	13.0	12.5	12.2	12.5 E/E; 12.3 G/E	12.3 E/E; 12.1 G/E	12.3 E/E; 12.1 G/E	11.0 E/E; 10.8 G/E	12.2 E/E; 12.0 G/E	12.2 E/E; 12.0 G/E	12.2 E/E; 12.0 G/E	12.2 E/E; 12.0 G/E	10.8 E/E; 10.6 G/E	11.4 E/E; 11.2 G/E	10.8 E/E; 10.5 G/E
SEER2	17.5	17.3	16.4	-	-	-	-	-	-	-	-	-	-	-	-
IEER (072-360) MSAV EFFICIENCIES SHOWN	-	-	-	17.3	16.3 E/E; 16.1 G/E	16.3 E/E; 16.1 G/E	16.3 E/E; 16.1 G/E	15.4 E/E; 15.4 G/E	15.6 E/E; 15.4 G/E	15.6 E/E; 15.4 G/E	16.2 E/E; 16.0 G/E	15.6 E/E; 15.4 G/E	14.5 E/E; 14.3 G/E	15.8 E/E; 15.6 G/E	14.2 E/E; 14.0 G/E
GAS HEAT STAGES (UP TO)	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4
ELECTRIC HEAT SIZES (kW)	7.5, 15		7.5, 15, 22.5	7.5, 15, 22.5, 30	7.5, 15, 22.5, 30, 45			15, 22.5, 30, 45, 60		15, 30, 45, 60		15, 30, 45, 60, 90			30, 45, 60, 90
BLOWER MOTOR SIZE (HP)	0.5 or 1.5	1.0 or 1.5	1.0 or 1.5	1.5	3.75				3, 5	3, 5, 7.5	3, 5, 7.5	5, 7.5, 10	5, 7.5, 10	5, 7.5, 10	5, 7.5, 10
WEIGHT - NET (LBS.) G/E	630	629	630	630	1088	1095	1100	1120	2014	2128	2569	2601	2651	3107	3107
WEIGHT- NET (LBS.) E/E	594	593	594	594	1040	1047	1052	1072	1864	1978	2424	2456	2506	2997	2997
CABINET SIZE - H x W x L (IN.)	47 x 47 x 86				47 x 61 x 102				(6) 24 x 24 x 2					(12) 20 x 20 x 2	
FILTERS (QTY) - SIZE (IN.)	(4) 20 x 20 x 2				(4) 20 x 25 x 2				(6) 24 x 24 x 2					(2) 20 x 20 x 2	
SOUND (dBA)	75	75	82	82	88	88	89	89	86	93	94	94	94	95	95

3-25 TON ENLIGHT PACKAGED ROOFTOP PERFORMANCE DATA (HEAT PUMP OR DUAL FUEL) - HIGH EFFICIENCY

MODEL NUMBER	L(H,D)T036H5E	L(H,D)T048H5E	L(H,D)T060H5E	L(H,D)T072H5E	L(H,D)T078H5E	L(H,D)T092H5E	L(H,D)T102H5E	L(H,D)T120H5E	L(H,D)T152H5E	L(H,D)T156H5M	L(H,D)T180H5M	L(H,DT)240H5M	L(H,D)T302H5M
SIZE (TONS) / CABINET	3 TON / A	4 TON / A	5 TON / A	6.0 TON / A	6.5 TON / B	7.5 TON / B	8.5 TON / B	10 TON / B	12.5 TON / B	13 TON / C	15 TON / C	20 TON / C	25 TON / D
EFFICIENCY	High	High	High	High	High	High	High	High	High	High	High	High	High
BLOWER TYPE	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV
NET COOLING CAPACITY (Btuh)	35,500	44,500	57,000	66,000	78,000	90,000	98,000	116,000	136,000	156,000	176,000	228,000	274,000
COMPRESSOR QTY AND TYPE	1 Two-Speed (Scroll)			1 Two-Speed, 1 Fixed-Speed (Scroll)						1 Two-Speed, 1 Fixed-Speed (Scroll)			
COOLING STAGES	2	2	2	2	3	3	3	3	3	3	3	3	3
EER (EER2 036-060)	12.2	12.0	11.8	11	12.7 HP; 12.5 DF	12.3 HP; 12.1 DF	12.1 HP; 11.9 DF	12.0 HP; 11.8 DF	11.1 HP; 10.9 DF	12.1 HP; 11.9 DF	11.1 HP; 10.9 DF	11.1 HP; 10.9 DF	10.5 HP; 10.3 DF
SEER2	16.0	15.6	15.2	-	-	-	-	-	-	-	-	-	-
IEER (072-302) MSAV EFFICIENCIES SHOWN	-	-	-	15.5	17	16.8	16.8	16.6	15.2 HP; 15.0 DF	15.4 HP; 15.2 DF	15.5 HP; 15.3 DF	15.5 HP; 15.3 DF	14.8 HP; 14.6 DF
NET HEATING CAPACITY - 47°F	34,000	44,000	57,000	66,000	73,000	86,000	96,000	112,000	128,000	150,000	176,000	226,000	270,000
HSPF2	7.2	7.2	7.2	-	-	-	-	-	-	-	-	-	-
COP (47°F)	-	-	-	3.5	3.5	3.5	3.5	3.5	34 HP; 3.35 DF	3.4	3.4	3.4	3.3
GAS HEAT STAGES (UP TO)	2	2	2	2	2	2	2	2	2	4	4	4	4
ELECTRIC HEAT SIZES (kW)	7.5, 15		7.5, 15, 22.5	7.5, 15, 22.5	7.5, 15, 22.5, 30	7.5, 15, 22.5, 30, 45			15, 22.5, 30, 45, 60		15, 30, 45, 60 (2)		15,30,45,60,90(2) 15,30,45,60,90(2)
BLOWER MOTOR SIZE (HP)	0.5 or 1.5	1.0 or 1.5	1.0 or 1.5	1.5	3.75					3.5		3.5, 7.5	5, 7.5, 10 5, 7.5, 10
WEIGHT - NET (LBS.) DF	674	670	715	715	1101	1121	1123	1123	1224	2358	2386	2428	3107
WEIGHT - NET (LBS.) HP	645	641	686	686	1053	1073	1075	1075	1076	2198	2226	2268	2997
CABINET SIZE - H x W x L (IN.)	47 x 47 x 86				47 x 61 x 102					55 x 92 x 133			65 x 91 x 145
FILTERS (QTY) - SIZE (IN.)	(4) 20 x 20 x 2				(4) 20 x 25 x 2					(6) 24 x 24 x 2			(12) 20 x 20 x 2
SOUND (DBA)	75	75	82	82	88	88	88	88	85	94	94	94	94

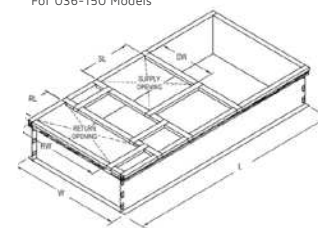
FACTORY- AND FIELD-INSTALLED OPTIONS

OPTION	FACTORY	FIELD	OPTION	FACTORY	FIELD
COOLING			DEHUMIDIFICATION		
Refrigerant Type (R-454B)	•		Humiditrol® Hot-Gas Reheat Dehumidification System®	•	
Drain Pan Overflow Switch	•	•	INDOOR AIR QUALITY		
Condensate Drain Trap (PVC)		•	MERV 8 Filters	•	•
Condensate Drain Trap (Copper)		•	MERV 13 Filters	•	•
BLOWER			MERV 16 Filters		•
Direct Drive ECM Blower - MSAV® (3-12.5 Tons)	•		Needlepoint Bipolar Ionization (NPBI) Kit		•
Belt Drive Blower with VFD - MSAV® (13-30 Tons)	•		UVC Germicidal Light Kit		•
Belt-Auto Tensioner (13-25 Tons)		•	Replacement Media Filter with Metal Mesh		•
Variable Air Volume (VAV)* (7.5-30 Tons)	•		Demand Control Ventilation - IAQ (Co2 Sensors)		•
HEATING			ELECTRICAL		
Electric Heat	•	•	Voltage 60 Hz	•	
Gas Heating	•		HACR Circuit Breakers	•	•
Stainless Steel Heat Exchanger	•		Disconnect Switch	•	•
Bottom Gas Piping Kit		•	SCCR up to 100kA	•	
Combustion Air Intake Extensions		•	GFI Service Outlets (Unit-Powered, Factory-Wired)	•	
Low-Temperature Vestibule Heater		•	GFI Service Outlets (Field Wired)	•	•
LPG/Propane Conversion Kits		•	Weatherproof Cover for GFI		•
Vertical Vent Extension		•	OUTDOOR AIR		
CONTROLS			High Performance Economizer - (AMCA Class 1A Certified)	•	•
Lennox® CORE Unit Controller	Standard		Economizer Controls - Single and/or Differential Enthalpy	•	•
BACnet® IP & MS/TP	Standard		Economizer Controls - Sensible	•	•
Commercial Controls - Novar LSE	•		Downflow Barometric Relief Dampers	•	•
Blowing Proving	Standard		Horizontal Barometric Relief Dampers		•
Dirty Filter Switch	•	•	Manual Outdoor Air Dampers		•
Fresh Air Tempering	•	•	Motorized Outdoor Air Dampers	•	•
Smoke Detector Supply and/or Return	•	•	Power Exhaust Fan Standard Static	•	•
Interoperability via BACnet® or LonTalk® Protocols	•	•	ROOF CURBS/CEILING DIFFUSERS		
After-Market DDC and/or Thermostats		•	Roof Curbs - Hybrid		•
Outdoor Air CFM Control		•	Roof Curbs - Standard, Adjustable		•
CABINET			Insulation Kit - Standard		•
Combination Coil/Hail Guards	•	•	Transition Curb		•
Corrosion Protection (Indoor coil/outdoor coil/HGRH coil)	•		Ceiling Diffusers		•
Hinged Access Panels	Standard				

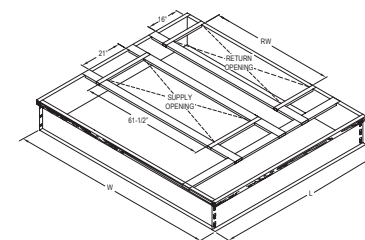
*Only Available on G/E, E/E units

	LENGTH	WIDTH	SUPPLY AIR		RETURN AIR	
TONNAGE	L	W	SL	SW	RL	RW
036 TO 072 (A)	79-3/4	41-1/2	19-1/8	21-1/8	12-5/8	32
078 TO 150 (B)	95-3/8	54-1/4	29-3/4	21-3/4	26-3/4	29-3/4
156 TO 300 (C)	86-1/8	98-1/2	21	61-1/2	16	61-1/2
302 TO 360 (D)	86-1/8	111-5/8	21	61-1/2	16	79-1/2

For 036-150 Models



For 156-360 Models



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