

Designed for seamless rooftop integration, Xion™ units offer a hassle-free installation process with features that simplify setup and adaptability to various applications. Equipped with the Lennox® CORE Lite Unit Controller, these units optimize maintenance and service operations, helping to lower costs and reduce downtime. Engineered for dependable performance, Xion™ rooftop units provide reliable, year-round comfort, making them a smart and efficient choice for any commercial HVAC application.



ROOF READY

Xion™ rooftop units are designed roof ready to quickly fit your application needs. These units come with a range of convenient features that make installation quick and easy.



SIMPLE SERVICE

Xion™ rooftop units featuring the Lennox® CORE Lite Controller maximizes efficiency of maintenance and service operations, reducing operational costs and minimizing downtime.



RELIABLE PERFORMANCE

Xion™ rooftop units are engineered to deliver reliable performance and year-round comfort.

PROVEN RELIABILITY, SUPERIOR SERVICEABILITY

2-25 TON XION™ PACKAGED ROOFTOP PERFORMANCE DATA (ELECTRIC OR GAS HEAT) - STANDARD EFFICIENCY

MODEL NUMBER	L(C,G)X024S5(D,E)	L(C,G)X036S5*	L(C,G)X048S5*	L(C,G)X060S5*	L(C,G)X072S5T	L(C,G)X092S5M	L(C,G)X102S5M	L(C,G)X120S5M	L(C,G)X150S5M	L(C,G)X180S5M	L(C,G)X210S5M	L(C,G)X240S5M	L(C,G)X300S5M
SIZE (TONS) / CABINET	2 TON / A	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	15 TON / C	17.5 TON / C	20 TON / C	25 TON / C
EFFICIENCY	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
BLOWER TYPE	CAV (D) or MSAV (E)	CAV (D) or MSAV (E)	CAV (D) or MSAV (E)	CAV (D) or MSAV (E)	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV	MSAV
NET COOLING CAPACITY (Btuh)	23,600	35,600	47,000	58,000	68,000	88,000	99,000	116,000	138,000	172,000	200,000	228,000	270,000
COMPRESSOR QTY AND TYPE	1 Single-Speed Scroll				1 Two-Speed Scroll	1 Two-Speed, 1 Fixed-Speed Scroll				3 Fixed-Speed Scroll			4 Fixed-Speed Scroll
COOLING STAGES	1	1	1	1	2	3	3	3	3	Up to 3	Up to 3	Up to 3	Up to 3
EER2 (2-5T) / EER (6T AND UP)	11.5	11.5	11.5	11.5	11.2 E/E, 11.0 G/E	11.2 E/E; 11.0 G/E	11.2 E/E; 11.0 G/E	11.0 E/E; 12.8 G/E	11.2 E/E; 10.8 G/E	11.2 E/E; 10.8 G/E	11.2 E/E; 10.8 G/E	11.2 E/E; 10.8 G/E	10.0 E/E, 9.8 G/E
SEER2	14.0	14.0	14.0	14.0	-	-	-	-	-	-	-	-	-
IEER (072-300)	-	-	-	-	15.5 E/E; 15.0 G/E	14.8 E/E; 14.6 G/E	14.8 E/E; 14.6 G/E	14.8 E/E; 14.6 G/E	14.2 E/E; 14.0 G/E	14.2 E/E; 14.0 G/E	14.2 E/E; 14.0 G/E	14.2 E/E; 14.0 G/E	13.2 E/E; 13.0 G/E
GAS HEAT SIZES (kBtuh) (UP TO STAGES)	65 [1]	65 [1], 108 [1, 2]	65 [1], 108 [1, 2], 150 [2]	65 [1], 108 [1, 2], 150 [2]	65 [1], 108 [1, 2], 150 [2]	130 [2], 180 [2], 240 [2]				260 [2], 360 [2], 480 [2]			
ELECTRIC HEAT SIZES (kW)	5, 7.5, 10	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		
BLOWER MOTOR SIZE (HP)	0.25 E/E; 0.5 G/E	0.5, 1	0.5, 1	1.2	2	2, 3, 5				3, 5, 7.5	3, 5, 7.5	5, 7.5, 10	5, 7.5, 10
WEIGHT - NET (LBS.) G/E	521	532	532	532	604	918	938	1002	1052	1884	2044	2216	2460
WEIGHT - NET (LBS.) E/E	493	504	504	504	575	870	890	954	1004	1724	1884	2056	2300
CABINET SIZE - H x W x L (IN.)	39 x 47 x 86				47 x 47 x 86	47 x 61 x 102				55 x 92 x 133			
FILTERS (QTY) - SIZE (IN.)	(4) 16 x 20 x 2				(4) 20 x 20 x 2	(4) 20 x 25 x 2				(6) 24 x 24 x 2			
SOUND (dBA)	74	74	74	74	79	88	88	90	90	86	86	93	94

2-20 TON XION™ PACKAGED ROOFTOP PERFORMANCE DATA HEAT PUMP - STANDARD EFFICIENCY

MODEL NUMBER	LHX024S5D	LHX036S5*	LHX048S5*	LHX060S5*	LHX092S5M	LHX102S5M	LHX120S5M	LHX180S5M	LHX240S5M
SIZE (TONS) / CABINET	2 TON / A	3 TON / A	4 TON / A	5 TON / A	7.5 TON / B	8.5 TON / B	10 TON / B	15 TON / C	20 TON / C
EFFICIENCY	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
BLOWER TYPE	CAV	CAV (D) or MSAV (E)	CAV (D) or MSAV (E)	CAV (D) or MSAV (E)	MSAV	MSAV	MSAV	MSAV	MSAV
NET COOLING CAPACITY (Btuh)	22,600	34,600	46,000	57,000	89,000	100,000	116,000	176,000	224,000
COMPRESSOR QTY AND TYPE	1 Single-Speed Scroll				1 Two-Speed, 1 Single-Speed Scroll			1 Two-Speed, 1 Single-Speed Scroll	
COOLING STAGES	1	1	1	1	3	3	3	3	3
EER2 (2-5T) / EER (6T AND UP)	10.6	10.6	10.6	10.6	11.0	11.0	11.0	10.6	10.6
SEER2	13.4	13.4	13.4	13.4	-	-	-	-	-
IEER (092-240)	-	-	-	-	15.0	15.0	15.0	13.5	13.5
NET HEATING CAPACITY - 47°F	23,000	35,000	47,500	58,000	89,000	100,000	115,000	172,000	234,000
HSPF2	6.7	6.7	6.7	6.7	-	-	-	-	-
COP (47°F)	-	3.64	3.72	3.7	3.4	3.4	3.4	3.3	3.3
ELECTRIC HEAT SIZES (kW)	5, 7.5, 10	7.5, 15		7.5, 15, 22.5	7.5, 15, 22.5, 30, 45	15, 22.5, 30, 45, 60	15, 30, 45, 60	15, 30, 45, 60, 90	
BLOWER MOTOR SIZES (HP)	0.25	0.5, 1	0.5, 1	1, 2	2, 3, 5			3, 5, 7.5	5, 7.5, 10
WEIGHT - NET (LBS.) HP	566	566	641	686	1052	1084	1150	2044	2081
CABINET SIZE - H x W x L (IN.)	39 x 47 x 86		47 x 47 x 86		47 x 61 x 102			55 x 92 x 133	
FILTERS (QTY) - SIZE (IN.)	(4) 16 x 20 x 2		(4) 20 x 20 x 2		(4) 20 x 25 x 2			(6) 24 x 24 x 2	
SOUND (dBA)	75	75	75	80	88	88	88	93	93

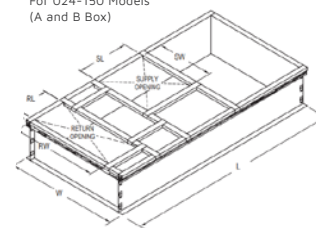
FACTORY- AND FIELD-INSTALLED OPTIONS					
OPTION	FACTORY	FIELD	OPTION	FACTORY	FIELD
COOLING			DEHUMIDIFICATION		
Drain Pan Overflow Switch		•	Humiditrol® (HGRH)*	•	
Low-Ambient Kit		•	INDOOR AIR QUALITY		
BLOWER			MERV 16 Filters		•
Blower - Supply Air Motors	•		Replacement Media Filter with Metal Mesh		•
Blower - Supply Air Drive Kits	•		IAQ (Co2) Sensors		•
VFD Bypass Kit (MSAV®)		•	UVC Germicidal Light Kit		•
HEATING			ELECTRICAL		
Electric Heat		•	Electrical Voltage (60 Hz, 208/230V 1ph, 208/230V, or 575V - 3ph)	•	
Gas Heat	•		Disconnect Switch	•	•
Stainless Steel Heat Exchanger	•		GFI Service Outlets	•	•
Bottom Gas Piping Kit		•	Weatherproof Cover for GFI		•
Combustion Air Intake Extensions		•	HIGH PERFORMANCE ECONOMIZER		
Low-Temperature Vestibule Heater		•	Economizer - Downflow Or Horizontal with Barometric Relief	•	•
LPG/Propane Conversion Kits		•	Economizer - Horizontal Conversion Kit		•
Vertical Vent Extension		•	Economizer Controls - Single Sensible/ Enthalpy	•	•
CABINETS			Economizer Controls - Differential Enthalpy		•
Combination Coil/Hail Guards (2-25 ton)	•	•	Horizontal Barometric Relief Dampers - Hood Furnished		•
Hinged Access Panels	•		OUTDOOR AIR		
Horizontal Discharge Kit		•	Manual Outdoor Air Dampers		•
Return Air Adaptor Plate**	•	•	Manual Outdoor Air Dampers		•
Corrosion Protection (Indoor coil/Outdoor coil)			Power Exhaust Fan Standard Static		•
CONTROLS			ROOF CURBS/CEILING DIFFUSERS		
CORE Lite Unit Controller	Standard		Roof Curbs (Standard, Clip, Hinged)		•
CS3000 and CS7500 Commercial Programmable Thermostats		•	Ceiling Diffusers		•
Lennox BACnet Module		•			
Smoke Detector Supply and/or Return		•			

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

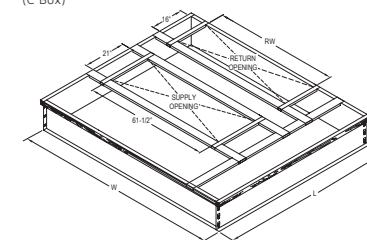
**Applies to 7.5- to 12.5-ton models only

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

For 024-150 Models
(A and B Box)



For 180-300 Models
(C Box)



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COMMERCIAL SOLUTIONS