

XION™ ROOFTOP UNITS  
PROVEN RELIABILITY, SUPERIOR SERVICEABILITY



**LENNOX**  
ROOFTOP SERIES



XION™ ROOFTOP UNITS  
FROM LENNOX COMMERCIAL



THE  
**XION™**  
FAMILY OF ROOFTOP UNITS  
**DELIVERS**  
FROM START TO FINISH.



/ At Lennox, we know how important reliability and serviceability are for our customers. That's why Xion™ rooftop units are the smart choice. They're designed for quick field adaptability, making them ideal for fast turnaround commercial applications. And every Xion unit is built with the same high-quality standards as all other Lennox products. Now you can enjoy reliable performance, year-round comfort and a serviceable design from a family of rooftop units that will make life easy for years to come.



# THE BENCHMARK FOR PERFORMANCE AND RELIABILITY



- 1 Accessible Heating Compartment
- 2 Isolated Compressor Compartment
- 3 Humiditrol® Dehumidification System [optional - item is not shown]
- 4 Environ™ Coil System [optional - item is not shown]
- 5 Slide-out Blower
- 6 Easy Filter Access
- 7 Fully Insulated Base Pan [item is not shown]
- 8 CORE Lite Controller [Item is not shown]



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.

- Field flexibility with more than 100 field-installed accessories that allow quick modification of units to fit the application
- Installation made easy with a self-sealing insulated base and minimized plumbing through a convertible drain pan
- Comprehensive product line consisting of 2-25 ton gas-electric and electric-electric, and 2-20 ton heat pump models



SIMPLE SERVICE

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

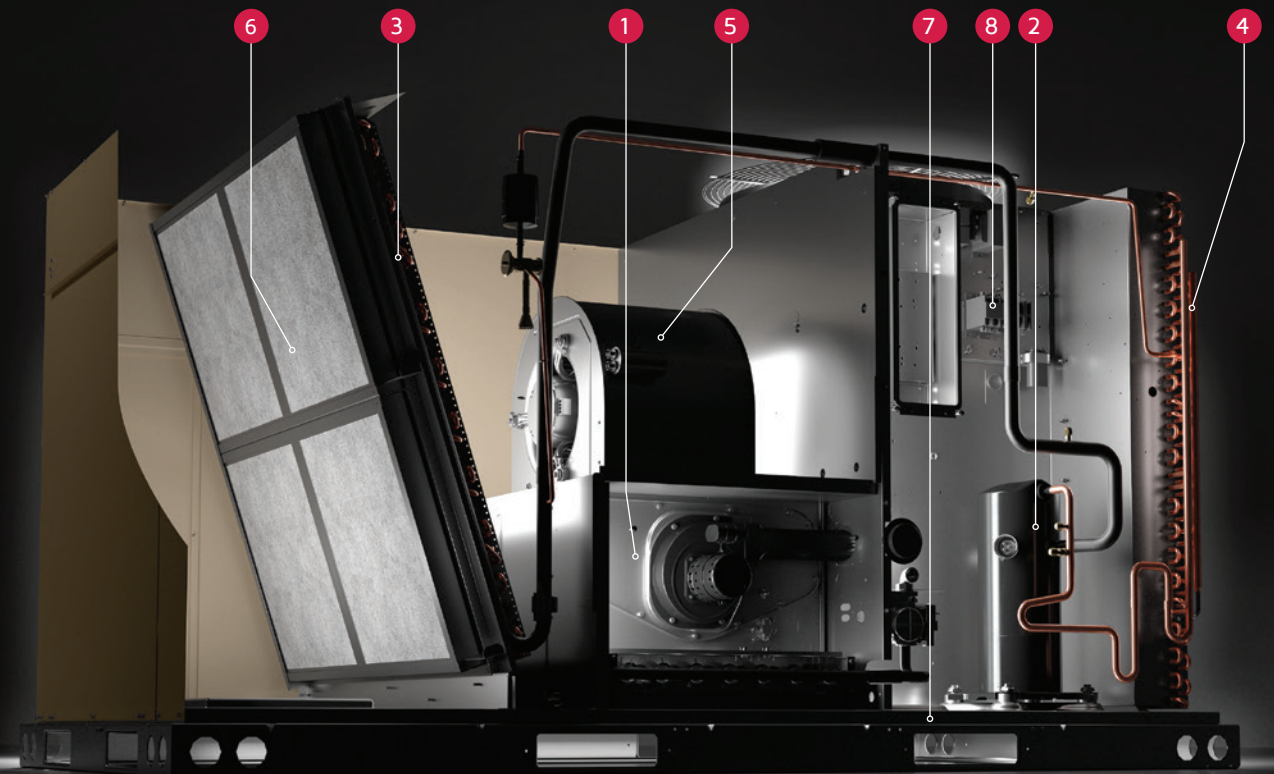
- Lennox® CORE Service App integrates diagnostic, test, and troubleshooting functionalities, reducing install and service time over traditional interfaces
- Slide-out blower reduces installation and service time
- Isolated compressor compartment allows performance checks without interrupting airflow, reducing service time
- Accessible heating compartment provides quick and convenient access to all gas or electric heating components



RELIABLE PERFORMANCE

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

- Lennox® CORE Lite Controller increases system reliability by providing 3-strike protection and alerts for critical components
- Environ™ Coil System contains up to 52% less refrigerant and is up to 59% lighter than traditional coil systems reducing the overall environmental impact
- MSAV® supply fan technology optimizes system performance by staging airflow to provide year-round comfort and power savings of up to 61% over traditional blower systems
- Humiditrol® dehumidification technology offers an optional humidity control system that efficiently removes moisture from the air to create a healthier, more comfortable indoor environment



Gas Heat model shown

### XION™ HIGHLIGHTS:

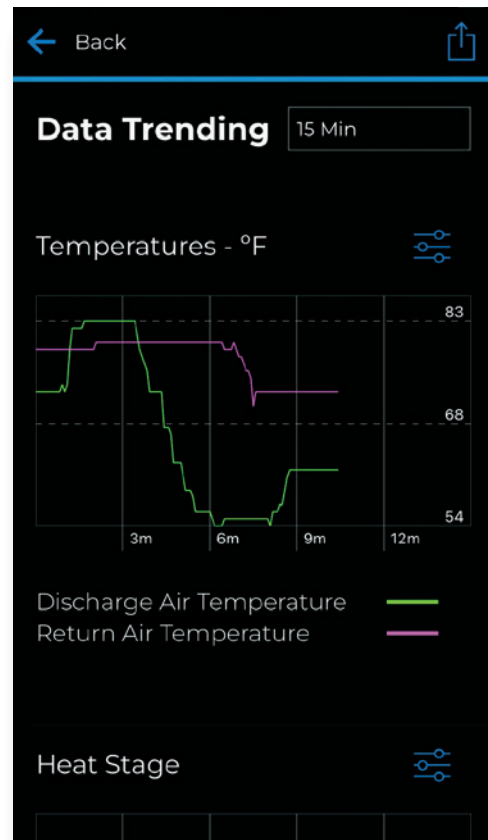
2- to 25-ton gas/electric and electric/electric units • 2- to 20-ton heat pump units

Up to 14.0 SEER2, 15.0 IEER, and 11.5 EER2	More than 100 field-selectable options ensure fast and easy installation	MSAV® supply fan technology achieves up to 61% fan power savings*	Environ™ coil system maximizes reliability and sustainability**	Improved comfort with the optional Humiditrol® dehumidification system**	The Lennox® CORE Lite Controller and Simple Service features minimize maintenance time
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\*Standard on units 6 tons and up \*\*Available on gas/electric and electric/electric models only.

## THE LENNOX® CORE SERVICE APP MAKES SERVICING SIMPLE

The Lennox® CORE Service App replaces a traditional built-in user interface on the CORE Unit Controllers and provides guided setup means for install, test and balance, and network integration. Reports that detail runtimes and service history can be exported from the app. The app also facilitates seamless commissioning of wireless sensors and sensor networks compatible with the CORE Control System.



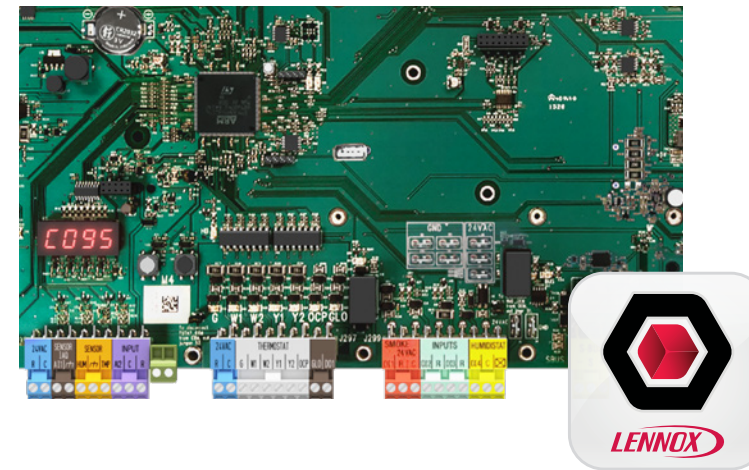
### REAL-TIME DATA READOUTS

Enhanced test functionality provides real-time sensor readings, trending and reports that enable easy troubleshooting.



## LENNOX® CORE LITE UNIT CONTROLLER

The Lennox® CORE Control System on Xion™ rooftop units is comprised of the easy-to-use Lennox® CORE Lite Unit Controller and the intuitive Lennox® CORE Service App.



The CORE Lite Unit Controller openly integrates with multiple control types, extends unit lifetime by reliably operating system components, and optimizes unit efficiency through built-in algorithms, creating ideal space conditions with ease.

The CORE Service App provides a better installation and service experience through intuitive guided setup, simplified troubleshooting with, and advanced diagnostic capabilities, reducing installation and service costs.



AVAILABLE ON  
**XION**



XION™ ROOFTOP UNIT OPTIONS & ACCESSORIES

		XION™
<b>COOLING</b>		
Drain Pan Overflow Switch		Field
Dirty Filter Switch		Field
Low-Ambient Kit (Down to 0°F)		Field
PVC or Copper Condensate Drain Trap		Field
<b>BLOWER</b>		
Blower - Supply Air Motors and Drive Kits		Factory
Blower Proving Switch		Standard
VFD Bypass Kit (MSAV®)		Field
<b>HEATING</b>		
Electric Heat		Field
Gas Heat		Factory
Stainless Steel Heat Exchanger		Factory
Bottom Gas Piping Kit		Field
Combustion Air Intake Extensions		Field
Low Temperature Vestibule Heater		Field
LPG/Propane Conversion Kits		Field
Vertical Vent Extension		Field
<b>CABINET</b>		
Combination Coil/Hail Guards (2-25 ton)		Factory, Field
Hinged Access Panels		Factory
Horizontal Discharge Kit		Field
Return Air Adaptor Plate***		Field
Corrosion Protection (Indoor coil/Outdoor coil)		Field
<b>CONTROLS</b>		
CORE Lite Unit Controller		Standard
Lennox BACnet Module		Field
CS3000 and CS7500 Commercial Programmable Thermostats		Field
Smoke Detector Supply and/or Return		Field
<b>DEHUMIDIFICATION</b>		
Humiditrol® (HGRH)**		Factory
<b>INDOOR QUALITY</b>		
MERV 8 Filters		Field
MERV 13 Filters		Field
MERV 16 Filters		Field
Replacement Media Filter With Metal Mesh		Field
IAQ (CO2) Sensors		Field
Needlepoint Bipolar Ionizers		Field
UVC Germicidal Light Kit		Field
<b>ELECTRICAL</b>		
Electrical Voltage (60 Hz, 208/230V 1ph, 208/230V, 460V, or 575V - 3ph)		Factory
Disconnect Switch		Factory, Field
GFI Service Outlets		Field, Factory
Weatherproof Cover For GFI		Field
<b>ECONOMIZER*</b>		
Economizer - Downflow Or Horizontal		Factory, Field
Economizer - Horizontal Conversion Kit		Field
Economizer Controls - Single Sensible/Enthalpy		Factory, Field
Economizer Controls - Differential Enthalpy		Field
Horizontal Barometric Relief Dampers - Hood Furnished		Field
<b>OUTDOOR AIR</b>		
Manual Outdoor Air Dampers		Field
Motorized Outdoor Air Dampers		Field
Power Exhaust Fan Standard Static		Field
<b>ROOF CURBS/CEILING DIFFUSERS</b>		
Roof Curbs (Standard, Clip, Hinged)		Field
Ceiling Diffusers		Field

\*Only available in High Performance

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

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

XION™ R-454B PERFORMANCE SPECIFICATIONS

			COOLING DATA		HEATING INPUTS (KBTUH)				PHYSICAL DATA	
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2*)	IEER (SEER2*)	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]
GAS/ELECTRIC UNITS	2	LGX02455E	(11.5)	(14.0)	N/A	65	N/A	N/A	39 x 47 x 86	521
	3	LGX03655	(11.5)	(14.0)	N/A	65	108	N/A	39 x 47 x 86	532
	4	LGX04855	(11.5)	(14.0)	N/A	65	108	150	39 x 47 x 86	532
	5	LGX06055	(11.5)	(14.0)	N/A	65	108	150	39 x 47 x 86	532
	6	LGX07255T	11.0	15.0	N/A	65	108	150	47 x 47 x 86	604
	7.5	LGX09255M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	918
	8.5	LGX10255M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	938
	10	LGX12055M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	1,002
	12.5	LGX15055M	10.8	14.0	N/A	130	180	240	47 x 61 x 102	1,052
	15	LGX18055M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	1,884
	17.5	LGX21055M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	2,044
	20	LGX24055M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	2,216
25	LGX30055M	9.8	13.0	N/A	260	360	480	55 x 92 x 133	2,460	
					ELECTRIC HEAT SIZES - [KW]					
ELECTRIC/ELECTRIC UNITS	2	LCX02455D	(11.5)	14.0	5, 7.5, 10				39 x 47 x 86	493
	3	LCX03655	(11.5)	14.0	7.5, 15				39 x 47 x 86	504
	4	LCX04855	(11.5)	14.0	7.5, 15				39 x 47 x 86	504
	5	LCX06055	(11.5)	14.0	7.5, 15, 22.5				39 x 47 x 86	504
	6	LCX07255T	11.2	11.5	7.5, 15, 22.5, 30				47 x 47 x 86	575
	7.5	LCX09255M	11.2	14.8	7.5, 15, 22.5, 30, 45				47 x 61 x 102	870
	8.5	LCX10255M	11.2	14.8	7.5, 15, 22.5, 30, 45				47 x 61 x 102	890
	10	LCX12055M	11.2	14.8	15, 22.5, 30, 45, 60				47 x 61 x 102	954
	12.5	LCX15055M	11.0	14.2	15, 22.5, 30, 45, 60				47 x 61 x 102	1,004
	15	LCX18055M	11.0	14.2	15, 30, 45, 60				55 x 92 x 133	1,724
17.5	LCX21055M	11.0	14.2	15, 30, 45, 60, 90				55 x 92 x 133	1,884	
20	LCX24055M	11.0	14.2	15, 30, 45, 60, 90				55 x 92 x 133	2,056	
25	LCX30055M	10.0	13.2	15, 30, 45, 60, 90				55 x 92 x 133	2,300	
			COOLING DATA		HEATING PERFORMANCE				PHYSICAL DATA	
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2*)	(SEER2*) OR IEER	(HSPF2*)	COP 47°F	COP 17°F	ELECTRIC HEAT [KW RANGE]	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]
HEAT PUMP	2	LHX02455D	(10.6)	(13.4)	(6.7)	N/A	N/A	5-10	39 x 47 x 86	566
	3	LHX03655	(10.6)	(13.4)	(6.7)	3.64	2.32	7.5 - 15	39 x 47 x 86	566
	4	LHX04855	(10.6)	(13.4)	(6.7)	3.72	2.4	7.5 - 22.5	47 x 47 x 86	641
	5	LHX06055	(10.6)	(13.4)	(6.7)	3.7	2.38	7.5 - 22.5	47 x 47 x 86	686
	7.5	LHX09255M	11.0	15.0	N/A	3.4	2.25	7.5 - 45	47 x 61 x 102	1,052
	8.5	LHX10255M	11.0	15.0	N/A	3.4	2.25	7.5 - 45	47 x 61 x 102	1,084
	10	LHX12055M	11.0	15.0	N/A	3.4	2.25	15 - 60	47 x 61 x 102	1,150
	15	LHX18055M	10.6	13.5	N/A	3.3	2.05	15 - 60	55 x 92 x 133	2,044
20	LHX24055M	10.6	13.5	N/A	3.3	2.05	15 - 90	55 x 92 x 133	2,081	

\*EER2, SEER2 and HSPF2 ratings only apply to equipment below 65,000 btuh.



BE A PART OF THE ROOFTOP  
**REVOLUTION**  
BY CONTACTING YOUR  
**SALES**  
**REPRESENTATIVE**  
TODAY

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