

# XION™ ROOFTOP UNITS

PROVEN RELIABILITY, SUPERIOR SERVICEABILITY



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]



ROOF READY

Xion™ rooftop units are designed to 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



SIMPLE SERVICE

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

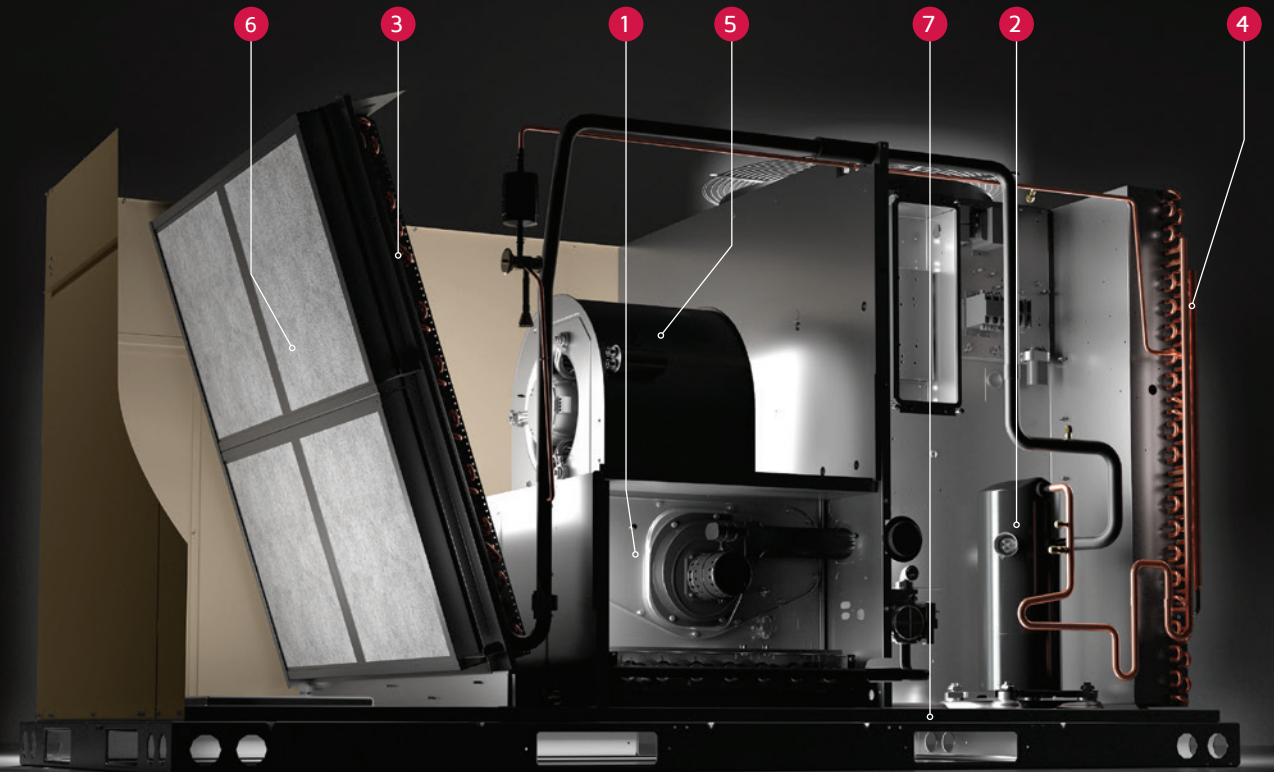
- **Slide-out blower** reduces installation time and is easy to service
- **Isolated compressor compartment** allows performance check while unit is working, without interrupting airflow
- **Accessible heating compartment** provides quick and convenient access to all gas or electric heating compartments



RELIABLE PERFORMANCE

Xion™ rooftop units are engineered with the right technologies and options to meet standard efficiency requirements, while delivering reliable performance and year-round comfort.

- **Environ™ coil system designed by Lennox®** uses proven technologies to provide reliable performance and stand up to the rigors of everyday use, year after year
- **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 and 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 SEER, 15.0 IEER, and 12.3 EER	More than 100 field-selectable options to 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**	Simple Service features minimize maintenance time
--	---	---	---	--	---

\*Standard on units 6 tons and up \*\*Available on gas/electric and electric/electric models only.

XION™ ROOFTOP UNIT OPTIONS & ACCESSORIES

		XION™
<b>COOLING</b>		
Drain Pan Overflow 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
VFD Manual 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 (7.5-25 ton)		Factory, Field
Hinged Access Panels		Factory
Horizontal Discharge Kit		Field
Return Air Adaptor Plate**		Factory, Field
Corrosion Protection (Indoor coil/Outdoor coil)		Field
<b>CONTROLS</b>		
BACnet Module		Field
BACnet Thermostat with Display		Field
BACnet Thermostat without Display		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>		
HACR Circuit Breakers		Factory, Field
Disconnect Switch		Factory, Field
GFI Service Outlets		Field
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 on G/E, E/E units  
 \*\*Applies to 7.5- to 12.5-ton models only.

XION™ ROOFTOP UNIT PERFORMANCE SPECIFICATIONS

			COOLING DATA		HEATING INPUTS (KBTUH)				PHYSICAL DATA	
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2')	SEER/IEER (SEER2')	LOW	STD.	MED.	HIGH	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]
GAS/ELECTRIC UNITS	2	KGB024S4E	(10.6)	(13.4)	N/A	65	108	N/A	39 x 47 x 86	571
	2.5	KGB030S4E	(10.6)	(13.4)	N/A	65	108	N/A	39 x 47 x 86	574
	3	KGB036S4**	12.3 (10.6)	14.0 (13.4)	N/A	65	108	N/A	39 x 47 x 86	596
	4	KGB048S4**	11.5 (10.6)	14.0 (13.4)	N/A	65	108	150	39 x 47 x 86	596
	5	KGB060S4**	11.0 (10.6)	14.0 (13.4)	N/A	65	108	150	47 x 47 x 86	690
	6	KGB074S4T	11.0	15.0	N/A	65	108	150	47 x 47 x 86	690
	7.5	KGC092S4M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	1,003
	8.5	KGC102S4M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	1,023
	10	KGC120S4M	11.0	14.6	N/A	130	180	240	47 x 61 x 102	1,071
	12.5	KGC150S4M	10.8	14.0	N/A	130	180	240	47 x 61 x 102	1,200
	15	KGC180S4M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	2,055
	17.5	KGC210S4M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	2,165
	20	KGC240S4M	10.8	14.0	N/A	260	360	480	55 x 92 x 133	2,380
	25	KGC300S4M	9.8	13.0	N/A	260	360	480	55 x 92 x 133	2,650
						ELECTRIC HEAT SIZES - [KW]				
ELECTRIC/ELECTRIC UNITS	2	KCB024S4D	(10.6)	(13.4)	5, 7.5, 10				39 x 47 x 86	543
	2.5	KCB030S4D	(10.6)	(13.4)	5, 7.5, 10				39 x 47 x 86	586
	3	KCB036S4B/D	12.3 (10.6)	14.0 (13.4)	7.5, 15				39 x 47 x 86	568
	4	KCB048S4B/D	11.5 (10.6)	14.0 (13.4)	7.5, 15				39 x 47 x 86	568
	5	KCB060S4B/D	11.0 (10.6)	14.0 (13.4)	7.5, 15, 22.5				47 x 47 x 86	661
	6	KCB074S4T	11.2	15.0	7.5, 15, 22.5, 30				47 x 47 x 86	661
	7.5	KCC092S4M	11.2	14.8	7.5, 15, 22.5, 30, 45				47 x 61 x 102	955
	8.5	KCC102S4M	11.2	14.8	7.5, 15, 22.5, 30, 45				47 x 61 x 102	975
	10	KCC120S4M	11.2	14.8	15, 22.5, 30, 45, 60				47 x 61 x 102	1,023
	12.5	KCC150S4M	11.0	14.2	15, 22.5, 30, 45, 60				47 x 61 x 102	1,152
	15	KCC180S4M	11.0	14.2	15, 30, 45, 60				55 x 92 x 133	1,905
	17.5	KCC210S4M	11.0	14.2	15, 30, 45, 60, 90				55 x 92 x 133	2,015
	20	KCC240S4M	11.0	14.2	15, 30, 45, 60, 90				55 x 92 x 133	2,230
	25	KCC300S4M	10.0	13.2	15, 30, 45, 60, 90				55 x 92 x 133	2,500
				COOLING DATA		HEATING PERFORMANCE				PHYSICAL DATA
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2')	SEER (SEER2') OR IEER	HSPF (HSPF2')	COP 47°F	COP 17°F	ELECTRIC HEAT [KW RANGE]	DIMENSIONS H X W X L [INCHES]	SHIP WT. [LBS.]
HEAT PUMP	2	KHB024S4D	(10.6)	(13.4)	(6.7)	N/A	N/A	5-10	39 x 47 x 86	607
	2.5	KHB030S4D	(10.6)	(13.4)	(6.7)	N/A	N/A	5-10	39 x 47 x 86	607
	3	KHB036S4B/D	11.5 (10.6)	14.0 (13.4)	8.0 (6.7)	3.64	2.32	7.5 - 15	39 x 47 x 86	607
	4	KHB048S4B/D	11.4 (10.6)	14.0 (13.4)	8.0 (6.7)	3.72	2.4	7.5 - 22.5	47 x 47 x 86	682
	5	KHB060S4B/D	11.5 (10.6)	14.0 (13.4)	8.0 (6.7)	3.72	2.38	7.5 - 22.5	47 x 47 x 86	727
	7.5	KHC092S4M	11.0	14.1	N/A	3.4	2.25	7.5 - 45	47 x 61 x 102	1,137
	8.5	KHC102S4M	11.0	14.1	N/A	3.4	2.2	7.5 - 45	47 x 61 x 102	1,169
	10	KHC120S4M	11.0	14.1	N/A	3.4	2.25	15 - 60	47 x 61 x 102	1,235
	15	KHC180S4M	10.6	13.5	N/A	3.3	2.05	15 - 60	55 x 92 x 133	2,150
	20	KHC240S4M	10.6	13.5	N/A	3.3	2.05	15 - 90	55 x 92 x 133	2,350

\*EER2, SEER2 and HSPF2 ratings only apply to 1ph equipment below 65,000 btuh.

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

To view the full commercial product lineup,  
visit [lennoxcommercial.com](http://lennoxcommercial.com)

