

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.

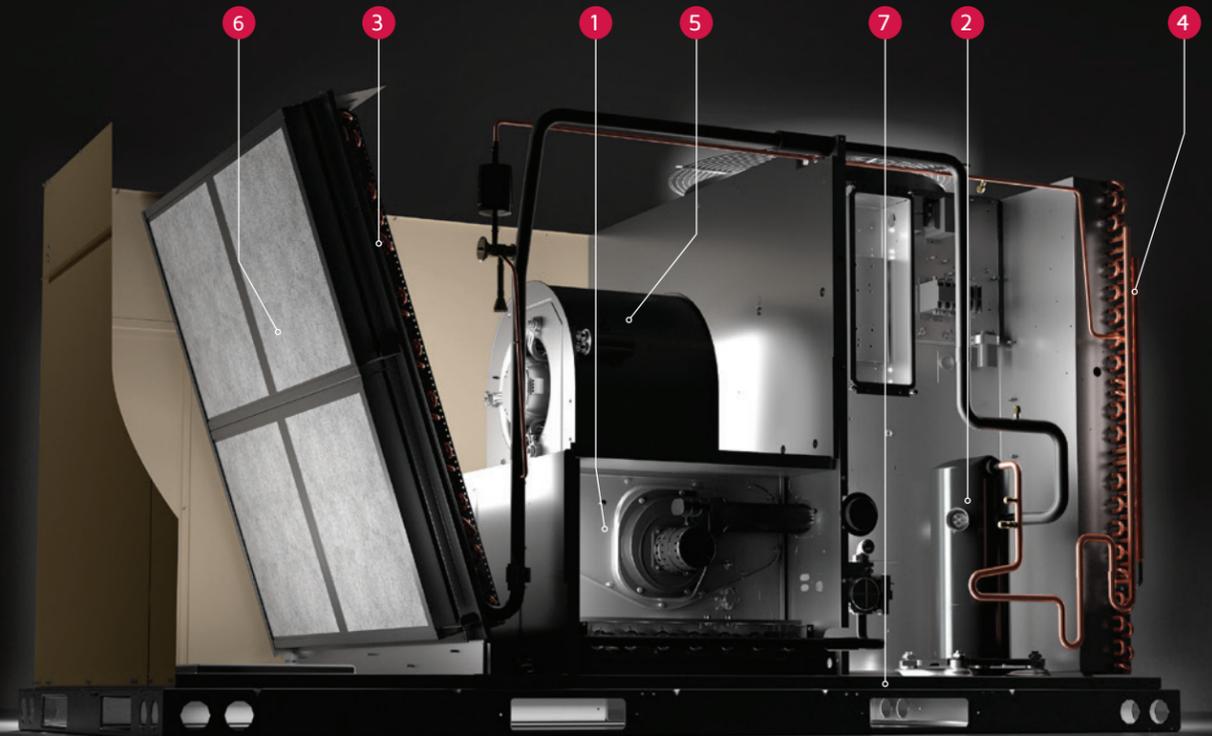


/ At Lennox, we know how important reliability and serviceability are for our customers. That's why Xion™ rooftop units are the smart choice. They're designed for quick field adaptability, making them ideal for fast turnaround commercial applications. And every Xion unit is built with the same high-quality 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]



Gas Heat model 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

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

XION™ ROOFTOP UNIT OPTIONS & ACCESSORIES

		XION™
COOLING		
Drain Pan Overflow Switch		Field
Low-Ambient Kit (Down to 0°F)		Field
PVC or Copper Condensate Drain Trap		Field
BLOWER		
Blower - Supply Air Motors and Drive Kits		Factory
VFD Manual Bypass Kit (MSAV®)		Field
HEATING		
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
CABINET		
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
CONTROLS		
BACnet Module		Field
BACnet Thermostat with Display		Field
BACnet Thermostat without Display		Field
Smoke Detector Supply and/or Return		Field
DEHUMIDIFICATION		
Humiditrol® (HGRH)*		Factory
INDOOR QUALITY		
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
ELECTRICAL		
HACR Circuit Breakers		Factory, Field
Disconnect Switch		Factory, Field
GFI Service Outlets		Field
Weatherproof Cover For GFI		Field
ECONOMIZER		
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
OUTDOOR AIR		
Manual Outdoor Air Dampers		Field
Motorized Outdoor Air Dampers		Field
Power Exhaust Fan Standard Static		Field
ROOF CURBS/CEILING DIFFUSERS		
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

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