



# Lennox Rooftop Range

Lennox Commercial Rooftop portfolio consists of 4 types of Rooftop Units (RTU) in Heat Pump (excluding Emergence), Gas Electric and Cooling Only options.



Flexy



Baltic



Emergence



Landmark

## Applications

Supermarkets, shops, restaurants, cinemas, theatres, airports and warehouses

### Flexy™ EC

A first class efficiency system thanks to multi-scroll compressor technology associated with chlorine free R410A refrigerant. Manufactured in Lennox France, Flexy is the most innovative air conditioning equipment for commercial applications.

Flexy RTU features;

- Reducing airflow during part load operation and dead zone provides very high efficiencies
- eDrive™ variable speed direct transmission ventilation system
- Advanced CLIMATIC™ controller, designed to improve energy efficiency and reliability. This controller integrates master slave capability and a wide choice of communication interfaces
- Cost effective package solution for fast and easy installation
- Low weight construction for easy lifting in all site configurations
- Fresh air control (economisers) and free cooling / heating management for healthy and comfortable environments

NOTE: Standard Flexy has no eDrive™ system

FLEXY & FLEXY EC								
FLEXY - Cooling mode - FCM/FGM		085	100	120	150	170	200	230
Gross cooling capacity		85,2	105	119	148	170	192	234
Net cooling capacity	kw	85,8	101,2	114,5	143,3	162,8	189,7	225,3
Net absorbed power FCM units		29,0	38,8	44,9	51,0	64,9	63,7	88,1
Gross EER		3,30	3,10	3,06	3,30	3,06	3,46	3,46

### Baltic™

- eDrive™ variable speed direct transmission ventilation system to save even more energy on BALTIC and FLEXY EC ranges
- Advanced CLIMATIC™ controller, designed to improve energy efficiency and reliability. This controller integrates master slave capability and a wide choice of communication interfaces
- Cost effective package solution for fast and easy installation
- Low weight construction for easy lifting in all site configurations
- Fresh air control (economisers) and free cooling is a standard option on Baltic

BAC/BAH/BAG/BAM											
Cooling mode - BAC/BAG		024	030	038	042	045	052	057	065	075	085
Gross cooling capacity <sup>1</sup>		23,8	30	38,2	40,7	44,8	51,1	57,1	65,1	76,5	83,5
Net cooling capacity <sup>1</sup>	kw	23,4	29,2	37,2	39,5	43,9	49,8	55,2	62,5	74,2	80,7
Absorbed power BAC units		7,1	9,7	12,3	14,1	14,1	16,5	18,2	22,2	24,7	28,5
Gross EER <sup>2</sup>		3,61	3,51	3,48	3,27	3,46	3,5	3,6	3,5	3,5	3,4

## Energence®

Smartly efficient for an exceptional return on your investment. Lennox Energence series delivers on both counts – high energy efficiency as well as significant utility savings throughout the year. Some of its features include;

- Environmentally friendly Environ™ Coil System that provides optimal cooling performance with up to 52% less refrigerant than typical rooftop units
- An all-aluminum construction reduces coil weight by up to 59% for greater installation ease
- Improving a building's indoor air quality creates a better indoor environment, and a better indoor environment helps protect a business's productivity and profitability
- Lennox' patented Humiditrol® dehumidification system removes moisture based on humidity requirements rather than temperature, making it easy and efficient to create a better indoor environment
- Prodigy® control system helps optimise system performance with more than 250 adjustable parameters to meet almost any design specification. Yet it's also remarkably simple, with an intuitive user interface that allows for fast, accurate setup and simplified operation

### Energence® rooftop unit performance specifications

	Cooling Data			Heating Data (kW)				Physical Data			
	MODEL	NOM (kW)	EER W/W	Low	Std.	Med.	High	H	W	L	WT. (KG)
Gas/Electric Units	LGH036S4T	10.6	3.4	—	16.7	27	—	987	1,192	2,165	285
	LGH048S4T	14	3.5	—	16.7	27	38.7	987	1,192	2,165	299
	LGH060S4T	17.6	3.5	—	16.7	27	38.7	1,191	1,192	2,165	338
	LGH072H4B	21	3.5	—	16.7	27	38.7	1,191	1,192	2,165	373
	LGH092H4B	26	3.7	—	38.1	52.7	70.3	1,191	1,527	2,572	568
	LGH102H4B	30	3.6	—	38.1	52.7	70.3	1,191	1,527	2,572	572
	LGH120H4B	35	3.6	—	38.1	52.7	70.3	1,191	1,527	2,572	587
	LGH150S4B	44	3.2	—	38.1	52.7	70.3	1,191	1,527	2,572	606
	LGH156H4B	45.7	3.6	49.5	68.5	91.9	—	1,378	2,315	2,737	998
	LGH180H4B	52.8	3.6	49.5	68.5	91.9	123	1,378	2,315	3,382	1,098
	LGH210H4B	61.5	3.6	49.5	68.5	91.9	123	1,378	2,315	3,382	1,148
	LGH240H4B	70.3	3.6	—	68.5	91.9	123	1,378	2,315	3,382	1,193
	LGH300S4B	88	3.1	—	68.5	91.9	123	1,378	2,315	3,382	1,222
	LGH300H4B	88	3.5	—	68.5	91.9	123	1,651	2,305	3,696	1,505
	LGH360H4B	105	3.2	—	68.5	91.9	123	1,651	2,305	3,696	1,505

## Landmark®

Built on the Lennox legacy of advanced technology and innovation, Landmark units conform to the demanding ISO 9001-2000 quality standards. Engineered to effectively handle most HVAC applications, Landmark units are made from heavy-gauge galvanised steel. Rust and corrosion are minimised with two layers of paint and multiple scroll compressor circuits are designed for reliable operation over the unit's 15-year life cycle. Some of its key features include;

- In-built safety switches and Lennox exclusive "Strike-Three" diagnostics protect the system's critical components against catastrophic failure, protecting businesses against high replacement costs and down time
- Designed for the lowest life cycle cost, their reliable construction and innovative features keeps buildings comfortable while helping lower energy bills, reducing the cost of installation and minimising maintenance costs
- With its large access panels, component positioning and colour coded and marked electrical wiring, Lennox Landmark series is designed to streamline general maintenance and decrease troubleshooting time, saving you time and money

Lennox Reverse Cycle Rooftop Units						
Model No.	Cooling Capacity* (kW)	Heating Capacity* (kW)	Nominal Airflow (L/s)	Efficiency Rating EER/COP	Dimensions (L x W x H) mm	
KHA036S4B	9	9	566	3.67 / 4.18	2165 x 1192 x 987	
KHA048S4B	12	12	755	3.49 / 4.17	2165 x 1192 x 987	
KHA060S4B	16	15	944	3.41 / 4.05	2165 x 1192 x 1191	
KHA072S4B	17	16	1040	3.59 / 3.80	2165 x 1192 x 1191	
KHA092S4B	22	22	1415	3.77 / 4.19	2521 x 1473 x 1270	
KHA120S4B	29	28	1699	3.41 / 3.93	2521 x 1473 x 1270	
KHA150S4B	33	32	2124	3.26 / 3.58	2521 x 1473 x 1270	
KHA180S4B	44	42	2832	3.35 / 3.78	3289 x 2315 x 1378	
KHA240S4B	55	52	3540	3.25 / 3.84	3289 x 2315 x 1378	

Available exclusively through Heatcraft Australia and New Zealand

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