

ELITE[®]
SERIES

LENNOX ELITE[®] SERIES
SPLIT SYSTEMS



DESIGNED TO OFFER MORE.

LENNOX Commercial

**IMPRESSIVE FEATURES. STUNNING CAPABILITIES.
RELIABLE PERFORMANCE. THAT'S ELITE®.**



**LENNOX ELITE SERIES SPLIT SYSTEM
AIR CONDITIONERS, HEAT PUMPS AND
AIR HANDLERS.**

Reliable performance and smart engineering make the new Elite Series Split Systems an ideal fit for almost any application.

Elite Series Split Systems provide perfectly comfortable and extremely efficient heating and cooling for a variety of spaces. These specially designed systems deliver high efficiency, leading reliability, and simplified installation and maintenance. It's just what you'd expect from a series named Elite.

Elite® Series Large Split System performance specifications

	NOM. TON.	OUTDOOR MODEL	COOLING DATA			HEATING DATA				PHYSICAL DATA OD MODEL		INDOOR MODEL	PHYSICAL DATA ID MODEL	
			NET CAPACITY (BTUH)	EER	IEER	CAP LOW (BTUH)	COP LOW	CAP HIGH (BTUH)	COP HIGH	DIMENSIONS H X W X L (IN)	SHIPPING WEIGHT (LBS.)		DIMENSIONS H X W X L (IN)	SHIPPING WEIGHT (LBS.)
AIR CONDITIONERS	6	ELS072S4ST	71,000	12.0	16.0	-	-	-	-	49 x 40 x 49	338	ELA072S4S	55 x 30 x 52	438
	7.5	ELS090S4ST	86,000	11.2	14.4	-	-	-	-	49 x 40 x 49	365	ELA090S4D	55 x 30 x 52	460
	10	ELS120S4ST	115,000	11.2	14.4	-	-	-	-	49 x 61 x 44	477	ELA120S4D	55 x 30 x 68	528
	10	ELS120S4DS	115,000	11.2	12.9	-	-	-	-	49 x 61 x 44	505	ELA120S4D	55 x 30 x 68	528
	12.5	ELS150S4DS	136,000	11.0	12.4	-	-	-	-	49 x 61 x 44	560	ELA150S4D	55 x 30 x 68	542
	15	ELS180S4DS	178,000	11.0	12.4	-	-	-	-	49 x 61 x 89	800	ELA180S4D	55 x 30 x 97	769
	20	ELS240S4DS	232,000	11.0	12.4	-	-	-	-	49 x 61 x 89	857	ELA240S4D	55 x 30 x 97	841
HEAT PUMPS	7.5	ELP090S4ST	88,000	11.0	13.6	50,000	2.25	87,000	3.3	49 x 61 x 44	450	ELA090S4D	55 x 30 x 52	460
	10	ELP120S4ST	115,000	11.0	13.6	70,000	2.25	114,000	3.3	49 x 61 x 44	527	ELA120S4D	55 x 30 x 68	528

Elite® Series Small Split System performance specifications

	NOM. TON.	OUTDOOR MODEL	COOLING DATA			HEATING DATA			PHYSICAL DATA OD MODEL		INDOOR MODEL	PHYSICAL DATA ID MODEL		
			OD SOUND RATING DB	NET CAPACITY (BTUH)	EER	SEER	EFFICIENCY (HSPF)	CAP HIGH (BTUH)	COP HIGH	DIMENSIONS H X W X L (IN)		SHIPPING WEIGHT (LBS.)	DIMENSIONS H X W X L (IN)	SHIPPING WEIGHT (LBS.)
HEAT PUMPS	3	SPB036H4	76	36,000	13.0	16.0	10	36,900	3.44	35 x 35.5 x 39.5	273	CBA38MV-042	58.5 x 21.25 x 24.625	189
	4	SPB048H4	76	48,000	12.0	16.0	10	45,500	3.62	35 x 35.5 x 39.5	294	CBA38MV-048	58.5 x 21.25 x 24.625	189
	5	SPB060H4	78	56,500	12.0	15.0	9	61,500	3.62	45 x 35.5 x 39.5	353	CBA38MV-060	62.5 x 21.25 x 24.625	199

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.



PURE COMFORT™

Featuring smart design features and high-quality components, the Pure Comfort™ system offers superior comfort and energy savings.

- **Two-stage cooling** capabilities allow the system to respond to changing conditions efficiently and effectively. The system operates at lower speeds most of the time for maximum comfort, enhanced humidity control and energy savings. During periods of increased cooling demand, the system ramps up to higher speeds for increased cooling power.
- **MSAV supply fan** technology delivers year-round savings and comfort, with improved fan and operational efficiency for a variety of operating modes. With an advanced variable-frequency drive, the MSAV supply fan also enhances system performance significantly.
 - Up to 61% supply fan power savings* reduces energy consumption
 - Up to 29% better moisture removal* improves indoor comfort
 - Achieves/exceeds the single zone VAV supply fan requirements for ASHRAE 90.1 2013, California Title 24, and IECC 2015
- **Variable-Frequency Drive** with slow-start technology gradually ramps the system's blower up to speed, offering smooth, efficient and quiet operation. The reduced air speed also helps to lower sound levels when the system is in part-load operation.



ADVANCED CONDENSATE MANAGEMENT™

The Advanced Condensate Management™ System uses quality engineering and innovative design to control condensation and keep moisture where it belongs.

- **Blow-off baffle** catches the water droplets blowing off the coil and stops water from leaking into the duct
- **Extended drip shield** prevents moisture from dripping into the duct system
- **External filter rack** helps keep filters dry by creating a clear path for the condensation to run directly to the drain
- **Enhanced cabinet construction** with corrosion resistant, pre-painted sheet metal provides superior rust and corrosion protection. Its innovative design reduces cabinet sweating, while making it easy to maintain

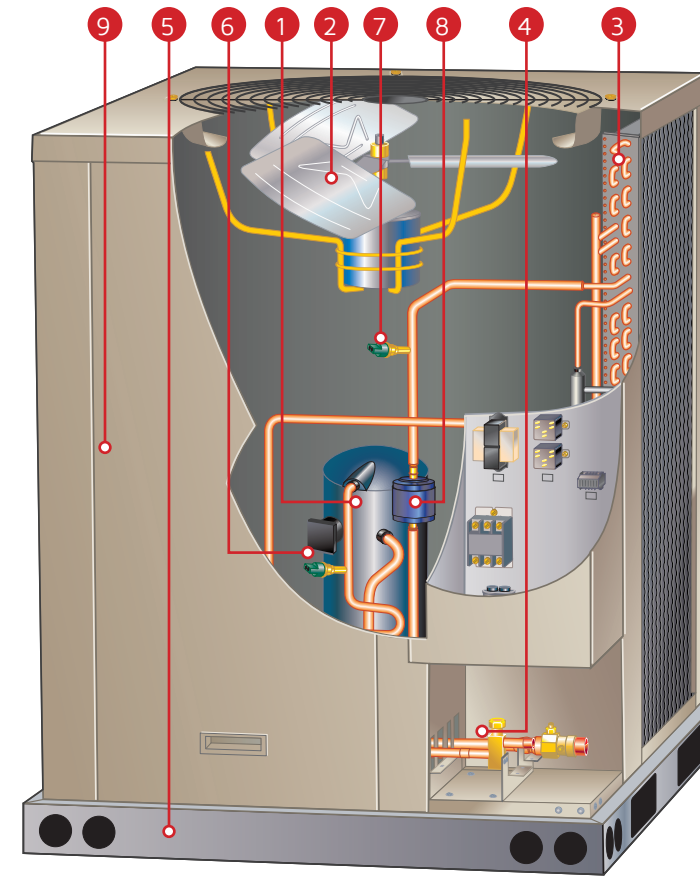


SIMPLE SERVICE™

The Simple Service™ system helps ensure ease of installation and maintenance to make every service call easier.

- **Easy-service filters** are accessible on either side of the unit for convenient serviceability
- **Reversible, corrosion-resistant drain pan** allows for drain outlets on either end of the cabinet; maintenance is simplified as the drain pan is easily removable and can be adjusted for both horizontal or vertical applications
- **Slide-out blower motor** reduces installation time and is easy to service
- **Intelligent design** provides easy access to the compressor and service valve for convenient serviceability
- **Low-maintenance blower belt auto-tensioner** aids longer belt life and quick belt replacement

ELS | AIR CONDITIONER



ELS072 Model Shown

QUIET AND EFFICIENT OPERATION

- 1 **Scroll compressor** provides smooth, efficient and quiet operation. Compressor circuits are either 2-stage or with dual circuits.
- 2 **Outdoor coil fan** moves large volumes of air uniformly through the entire condenser coil for high system efficiency.
- 3 **Copper tube/enhanced lanced fin coil** provide maximum exposure of fin surface to air stream, resulting in excellent heat transfer.

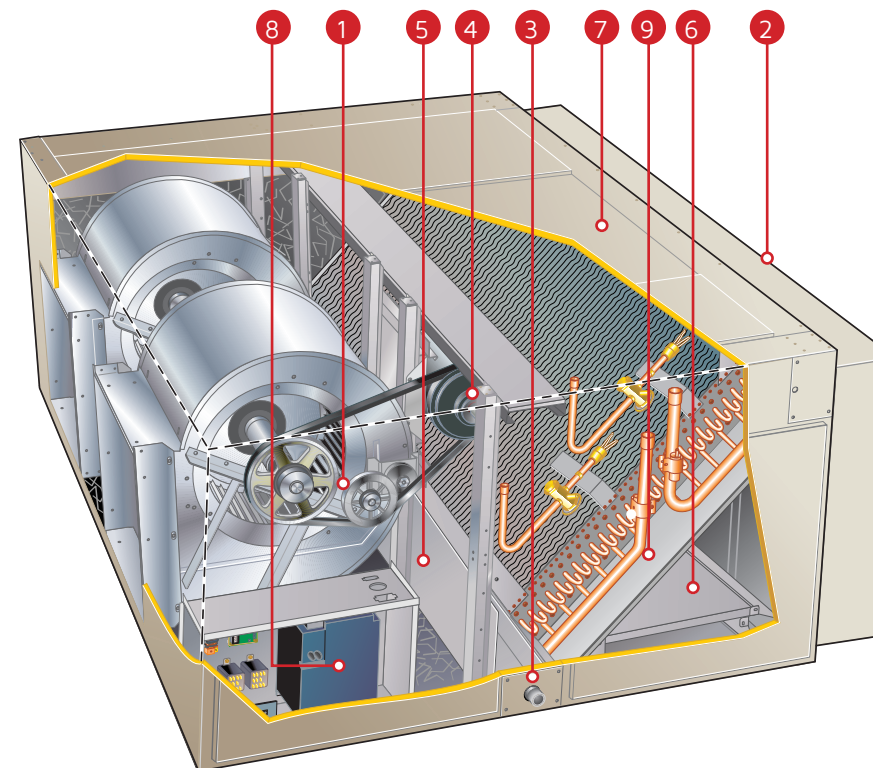
EASY INSTALLATION AND MAINTENANCE

- 4 **Refrigerant line and service valves** are in one central area of the cabinet for easy access.
- 5 **Full-perimeter base rails** provide structural integrity during unit transport and movement. Forklift slots and lifting holes help speed up tasks such as moving and lifting the unit on the job site.

RELIABLE PERFORMANCE

- 6 **High-pressure switch** protects the compressor from excessive condensing pressure.
- 7 **Loss-of-charge switch** provides loss-of-charge and freeze-up protection.
- 8 **High-capacity drier** traps moisture and dirt that can contaminate the refrigerant system.
- 9 **Corrosion-resistant cabinet** made from heavy-gauge, pre-painted steel provides superior rust and corrosion protection.

ELA | AIR HANDLER



ELA240 Model Shown

SIMPLE SERVICE™

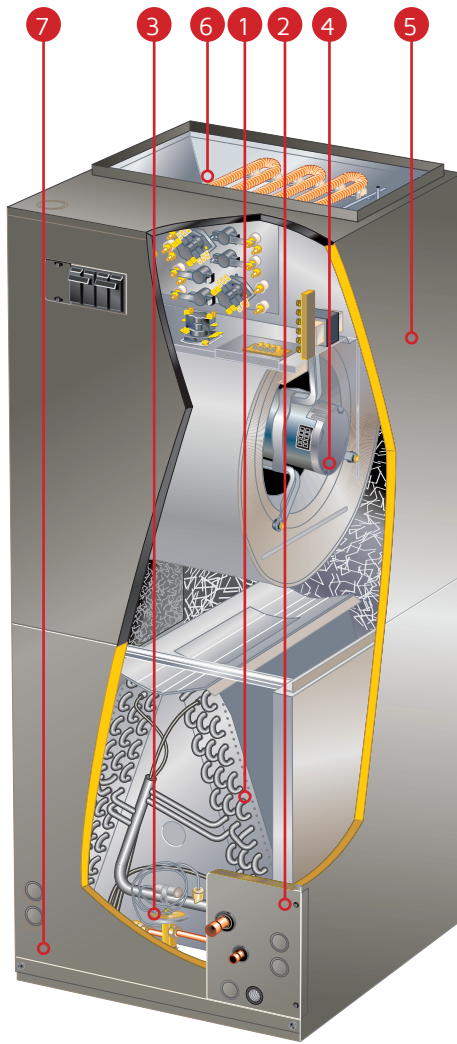
- 1 Auto Tensioning Pulley
- 2 External Filter Rack
- 3 Reversible Drain Pan
- 4 Slide-Out Blower

ADVANCED CONDENSATE MANAGEMENT™

- 2 External Filter Rack
- 5 Blow-Off Baffle
- 6 Extended Drip Shield
- 7 Enhanced Cabinet

PURE COMFORT™

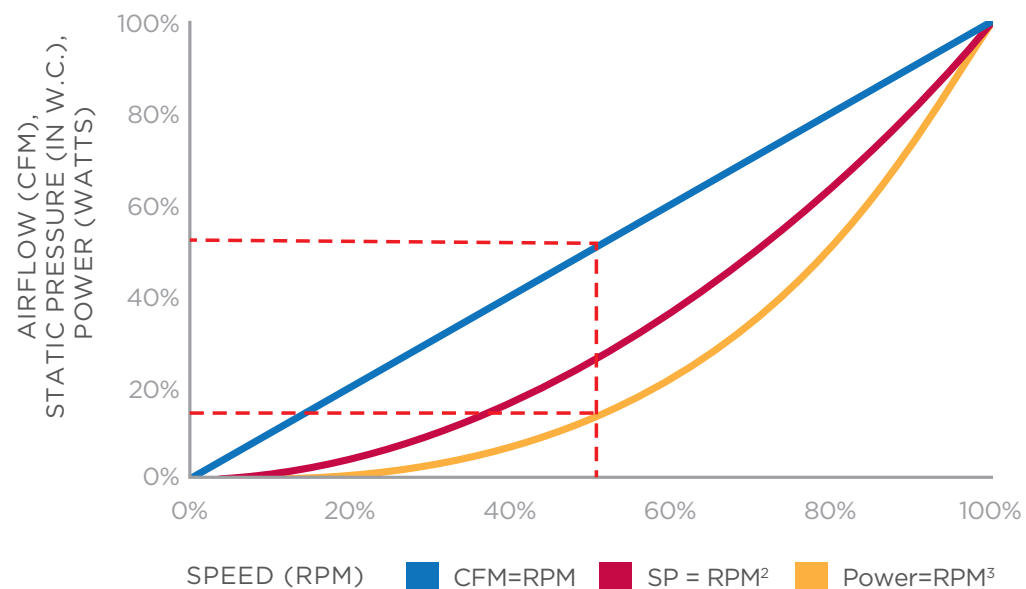
- 8 Variable Frequency Drive (MSAV®)
- 9 2-Stage Cooling



FEATURE HIGHLIGHTS

- 1 **Quantum™** Coil
- 2 **Refrigerant** Line Connections
- 3 **Check and Expansion** Valve
- 4 **Power Saver™** Constant Torque Blower Motor
- 5 **Heavy Gauge** Steel Cabinet
- 6 **Electric** Heat (option)
- 7 **Air Filter**

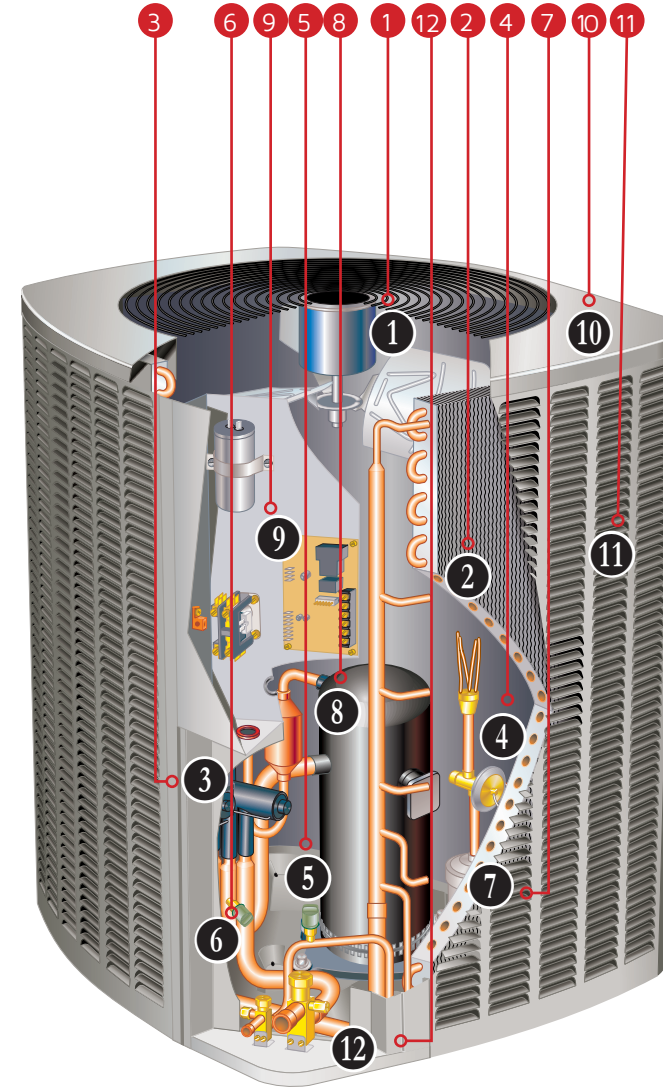
Indoor Technology



Based on the theory of Fan Laws, the blower operates at full power when it is running at full speed, but the same fan running at 50% speed consumes only 12.5% of the rated horsepower. By reducing airflow by half, the horsepower consumption is reduced by 87.5%, resulting in significant energy savings.

*At 67% airflow when compared to full load.

HEAT PUMP



QUIET AND EFFICIENT OPERATION

- 1 **Outdoor Coil Fan** moves large volumes of air uniformly through the entire condenser coil for high system efficiency.
- 2 **Copper Tube/Enhanced Fin Coil** provide maximum exposure of fin surface to air stream, resulting in excellent heat transfer.
- 3 **Reversing Valve** rapidly changes refrigerant flow direction from cooling to heating and vice versa.

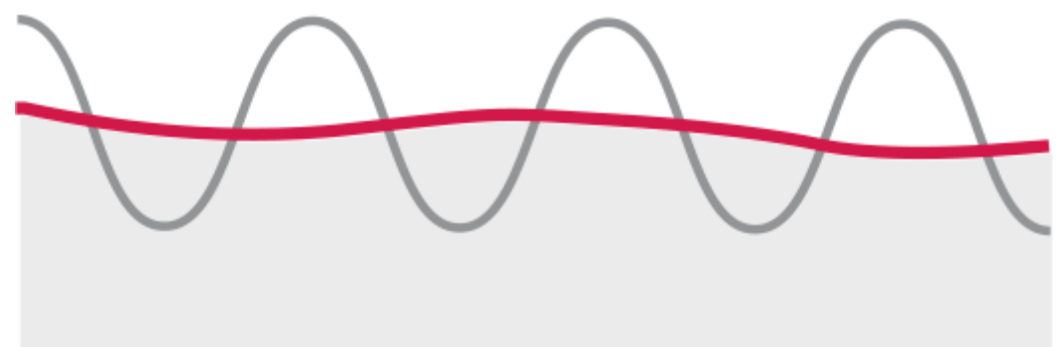
RELIABLE PERFORMANCE

- 4 **Expansive Valve - Outdoor Unit**
- 5 **High-Pressure Switch** protects the compressor from excessive condensing pressure.
- 6 **Low-Pressure Switch** provides loss-of-charge and freeze-up protection.
- 7 **High-Capacity Liquid Line Drier** traps moisture or dirt that could contaminate the refrigerant system.
- 8 **Two-Stage Scroll Compressor** Two state compressor features high efficiency with uniform suction flow, constant discharge flow, high volumetric efficiency and quiet operation
- 9 **Defrost Control**
- 10 **Heavy Gauge Steel Cabinet** pre-painted steel provides superior rust and corrosion protection.

EASY INSTALLATION AND MAINTENANCE

- 11 **SmartHinge™ Louvered Coil Protection Panels** provide complete coil protection. Panels are hinged to allow easy cleaning and servicing of coils.
- 12 **Refrigerant Line Connections and Service Valves** are in one central area of the cabinet for easy access.

Outdoor Compressor Technology



- Single-stage compressor
- Two-stage compressor

SOLUTIONS FOR CUSTOMIZED COMFORT

Don't just choose a Lennox product—choose a Lennox® Commercial Comfort System.

These complete packages of HVAC solutions provide tools to create a healthy and comfortable environment.



PACKAGED UNITS

- Model L™ Rooftop Units
- Enlight Rooftop Units
- Xion™ Rooftop Units
- Raider® Rooftop Units
- Energence® Rooftop Units



COMMERCIAL CONTROLS

- Lennox® CORE Control System
- Prodigy® Control System
- Lennox Commercial Thermostats and Sensors



VRF

- Outdoor Units
- Indoor Units
- Controls
- Accessories



MINI-SPLIT SYSTEMS

- Heat Pump Mini-Splits
- Low Ambient Heat Pump Mini-Splits
- Indoor Units
- Controls



HEATING

- Unit Heaters
- Duct Furnaces
- Furnaces



INDOOR AIR QUALITY

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- High Efficiency MERV Filters
- UVC Lamps
- Needle Point Bipolar Ionizers



SPLIT SYSTEMS

- Elite® Series Large and Small Split Systems
- Merit® Series Small Split Systems
- Air Handlers
- Indoor Coils



© 2023 Lennox Industries Inc.

For a complete list of the registered and common law trademarks owned by Lennox Industries Inc., please visit www.lennoxcommercial.com.

16U83 10/23 PC88610