

STRATEGOS ROOFTOP UNITS

**ENGINEERED FOR PAYBACK.
BUILT FOR PERFORMANCE.**



COMMERCIAL SOLUTIONS



POWERING PERFORMANCE WITH EFFICIENCY.

Engineered for payback and built for performance, Strategos® Variable-Speed Heat Pump units deliver reliable comfort and savings in any climate. Designed to simplify electrification and maximize efficiency, Strategos offers a smarter, more sustainable approach to rooftop heating and cooling. With advanced variable-speed technology that adapts to building needs, customers achieve long-term value backed by the trusted dependability of Lennox.



SMART. EFFICIENT. BUILT FOR WHAT'S NEXT.



ELECTRIFICATION SIMPLIFIED

Retrofit-ready design with backwards electrical compatibility and expanded heating performance — engineered to minimize the upfront costs and simplify installation across a wide range of applications.

- **Electrical Compatibility** streamlines planning and installation by reducing upfront costs during replacement projects
- **Flexible Heating Options** allow for selection between mechanical, electrical, or gas heating methods to match your building design



DESIGNED TO DELIVER

Strategos Variable-Speed Heat Pumps are designed to maximize energy efficiency and deliver savings over the life of the equipment—accelerating return on investment and lowering total cost of ownership.

- **Ultra-High Efficiency** powered by Variable-Speed technology optimizes energy consumption delivering lower long-term saving
- **Savings Built In** with efficiency ratings up to 21.5 IEER and 17.0 SEER2, qualifying for energy rebates and delivering a faster return on investment with the lowest total cost of ownership in its class



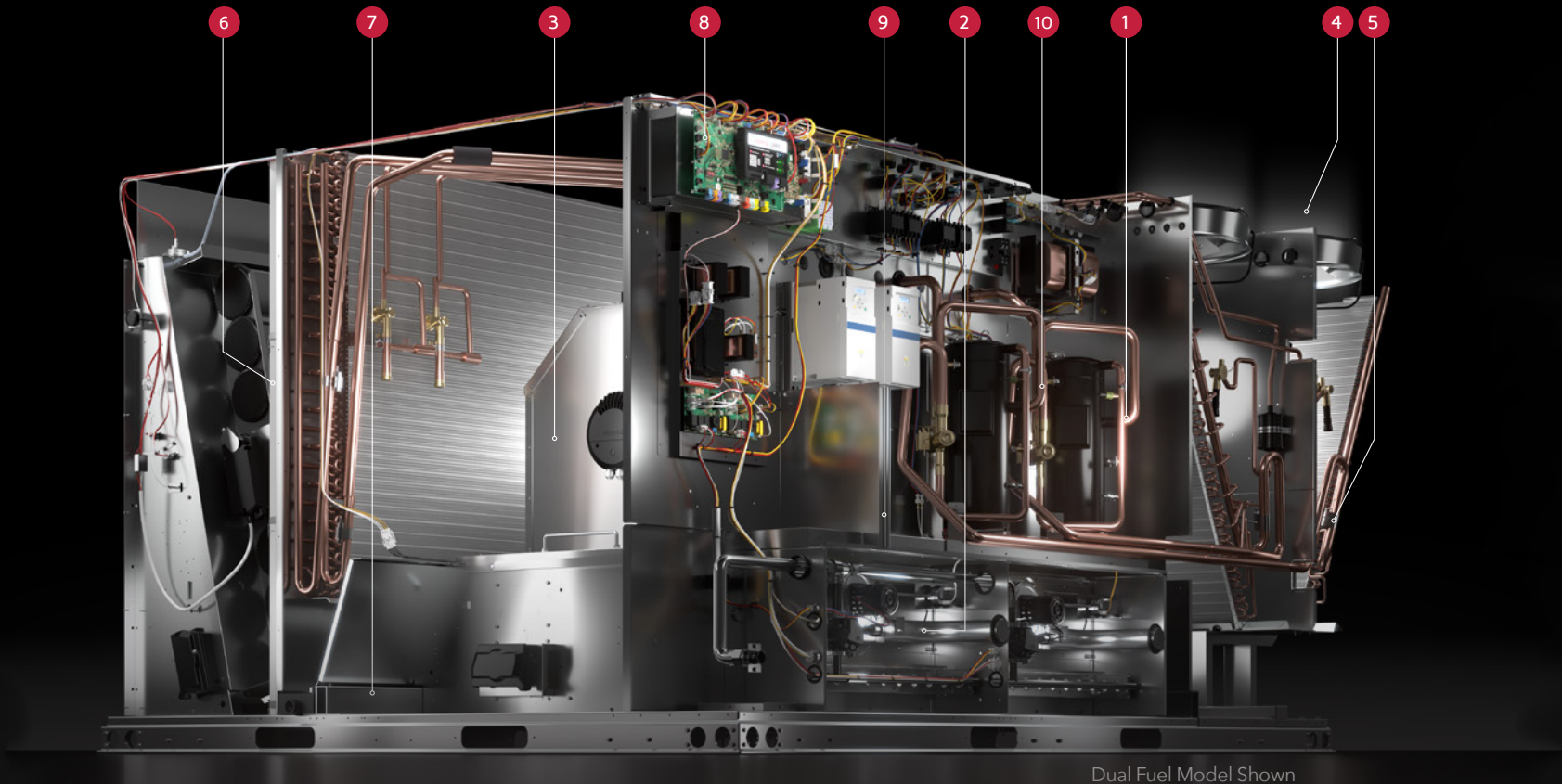
COMFORT WITHOUT COMPROMISE

Intelligent control that maintains comfort across a wide range of climate conditions.

- **Advanced Defrost Algorithm** maintains consistent comfort by minimizing cold draft associated with mechanical heating
- **Precisely Controls Supply Air Temperature** through the CORE Control System, intelligently matching building load to maintain space comfort across various climate zones

STRATEGOS® ROOFTOP UNIT

- 1 Isolated Compressor Compartment
- 2 Accessible Heating Compartment
- 3 DirectPlus™ Direct Drive Blower System
- 4 Variable-Speed ECM Outdoor Fans
- 5 Independent Refrigeration Circuits
- 6 Easy Filter Access (item is not shown)
- 7 Fully Insulated Base Pan [item is not shown]
- 8 Lennox® CORE Unit Controller w/ BACnet IP/MSTP
- 9 Refrigerant Detection System (item is not shown)
- 10 Refrigerant Pressure Monitoring



STRATEGOS® HIGHLIGHTS:
3- to 20-ton heat pump and dual-fuel units

Up to 21.5 IEER and 17.0 SEER2	The CORE Unit Controller revolutionizes the service experience with guided setup, detailed reports and actionable alerts	Electrical Compatibility streamlines planning and installation by reducing upfront costs during replacement projects	Variable-speed technology delivers built-in energy savings, qualifies for rebates and lowers total cost of ownership	70% more efficient than the Department of Energy's minimum standards
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LENNOX / CORE

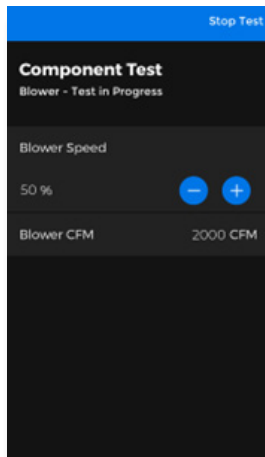
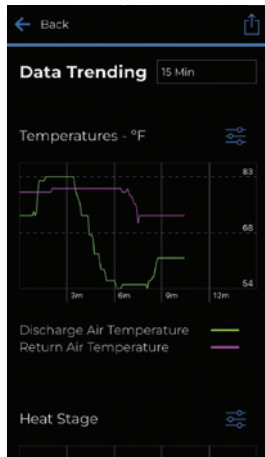
The Lennox® CORE Control System on Strategos® rooftop units is comprised of the easy-to-use Lennox® CORE Unit Controller and the intuitive CORE Service App.

The CORE 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.

THE LENNOX® CORE SERVICE APP

MAKES SERVICING SIMPLE

The Lennox® CORE Service App replaces a traditional built-in user interface on the CORE Unit Controller and provides guided setup for install, test and balance, and network integration. Reports that detail runtimes and service history can be exported from the app.



REAL-TIME DATA READOUTS

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

GUIDED SETUP

Guided setup with progress indicators, detailed help and exportable summaries drives simple and trouble-free setup, reducing commissioning times over similar systems.



STRATEGOS® ROOFTOP UNIT OPTIONS & ACCESSORIES

COOLING		
Refrigerant Type (R-454B)		Factory
Drain Pan Overflow Switch		Factory, Field
Condensate Drain Trap (EPDM)		Field
BLOWER		
MSAV® (DirectPlus™ ECM Direct Drive)		Factory
HEATING		
Electric Heat		Factory
Gas Heat		Factory
Stainless Steel Heat Exchanger		Factory
Fresh Air Tempering		Field
Combustion Air Intake Extensions		Field
Low-Temperature Vestibule Heater		Field
LPG/Propane Conversion Kits		Field
Vertical Vent Extension		Field
CONTROLS		
Lennox® CORE Unit Controller		Standard
BACnet® IP & MS/TP		Standard
Blowing Proving		Standard
Dirty Filter Switch		Factory
Fresh Air Tempering		Factory, Field
Smoke Detector Supply and/or Return		Factory, Field
LonTalk®		Factory, Field
After-Market DDC and/or Thermostats		Field
CABINET		
Combination Coil/Hail Guards		Field
Corrosion Protection (Indoor coil/outdoor coil)		Factory
Hinged Access Panels		Field
INDOOR AIR QUALITY		
MERV 8 Filters		Factory, Field
MERV 13 Filters		Factory, Field
Demand Control Ventilation - IAQ (CO2) Sensors		Field
ELECTRICAL		
GFI Service Outlets (2)		Factory
GFI Weatherproof Cover		Field
HACR Circuit Breakers		Factory
Short-Circuit Current Rating up to 35kA		Factory
OUTDOOR AIR		
High Performance Economizer - (AMCA Class 1A Certified)		Factory, Field
Economizer Controls - Differential Enthalpy		Factory, Field
Economizer Controls -Global		Field
Barometric Relief Dampers		Factory
Manual Outdoor Air Dampers		Factory
Motorized Outdoor Air Dampers		Factory
Power Exhaust Fan Standard Static®		Factory
ROOF CURBS/CEILING DIFFUSERS		
Roof Curbs - Hybrid		Field
Curb Alignment (180-240 Models)		Factory
Insulation Kit		Standard

STRATEGOS® ULTRA-HIGH EFFICIENCY ROOFTOP UNIT PERFORMANCE SPECIFICATIONS

			COOLING DATA		HEATING PERFORMANCE				PHYSICAL DATA	
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2 036-060)	IEER (SEER2 036-060)	HSPF2	COP 47°F	COP 17°F	ELECTRIC HEAT [KW]	DIMENSIONS H X W X L [INCHES]	BASE WT. [LBS.]
HEAT PUMP	3	SHH036U5E	(12.1)	(17.0)	7.6 (Region IV); 6.1 (Region V)	3.3	1.8	7.5, 10, 15	42 x 72 x 83	992
	5	SHH060U5E	(11.2)	(17.0)	7.6 (Region IV); 6.4 (Region V)	3.2	2.2	10, 15, 20, 30	42 x 72 x 83	990
	7.5	SHH092U5E	12.1	21.5	—	3.6	2.4	15, 20, 30, 45	52 x 87 x 93	1575
	10	SHH120U5E	12.1	20.5	—	3.5	2.4	15, 20, 30, 45	52 x 87 x 93	1573
	15	SHH180U5E	12.1	21.0	—	3.4	2.2	25, 40, 60	66 x 92 x 146	2627
	20	SHH240U5E	11.1	20.0	—	3.4	2.2	25, 40, 60	66 x 92 x 146	2633
TYPE	NOMINAL TONNAGE	MODEL	EER (EER2 036-060)	IEER (SEER2 036-060)	HSPF2	COP 47°	COP 17°F	GAS HEAT [KBTUH]	DIMENSIONS H X W X L [INCHES]	BASE WT. [LBS.]
DUAL FUEL HEAT PUMP	3	SDH036U5E	(12.1)	(17.0)	7.6 (Region IV); 6.1 (Region V)	3.3	1.8	70, 108	42 x 72 x 83	1016
	5	SDH060U5E	(11.2)	(17.0)	7.6 (Region IV); 6.4 (Region V)	3.2	2.2	70, 108, 150	42 x 72 x 83	1014
	7.5	SDH092U5E	12.1	21.0	—	3.6	2.4	130, 180, 240	52 x 87 x 93	1580
	10	SDH120U5E	11.9	20.5	—	3.5	2.4	130, 180, 240	52 x 87 x 93	1578
	15	SDH180U5E	12.1	21.0	—	3.4	2.2	260, 360, 480	66 x 92 x 146	2701
	20	SDH240U5E	11.1	20.0	—	3.4	2.2	260, 360, 480	66 x 92 x 146	2699



COMPLETE COMMERCIAL CLIMATE SOLUTIONS

Create your ideal building environment with the comprehensive Lennox Commercial portfolio. Each solution is engineered to optimize performance, energy-efficiency, serviceability and environmental impact. From Varix™ VRF Systems working alongside rooftop units to complete custom turnkey solutions, we'll help you find the perfect system for your needs.



Contact us to discuss your project and request a quote.
[Lennox.com/Commercial/Connect](https://www.lennox.com/commercial/connect)



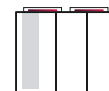
PACKAGED UNITS

Model L™, Enlight, Xion™, Raider®, Strategos®



VRF

Outdoor and Indoor Units,
Controls, Accessories



SPLIT SYSTEMS

Elite® Series Large, Merit® Series Small,
Air Handlers, Indoor Coils



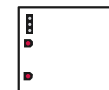
COMMERCIAL CONTROLS

Lennox® CORE Control System, Lennox
Commercial Thermostats and Sensors



MINI-SPLIT SYSTEMS

Outdoor and Indoor Units, Controls,
Accessories



HEATING

Unit Heaters, Furnaces, Duct Furnaces



INDOOR AIR QUALITY

Dehumidification, Filtration, Purification

WITH YOU EVERY STEP OF THE WAY

Get fast, direct access to commercial HVAC expertise and equipment—straight from the source. Your Lennox team is here to help you be more efficient, informed and effective at every stage of your projects.



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