SL SERIES ERVs
LOW-PROFILE: SINGLE/MULTI-FAMILY, LIGHT COMMERCIAL

- Low-profile, commercial-grade appliance, often used for multi-family units
- 51-76 CFM continuous mode, 76-94 CFM boost mode and four-duct configuration
- EC motors, boost-mode capability, dial-a-flow controls, MERV 13 filter option
- Hard-wired power (SL70H) or plug-in power (SL70L)

VENTILATION SOLUTIONS FOR EVERY APPLICATION
BALANCED VENTILATION & INDOOR AIR QUALITY
As our buildings get tighter to seal heat out, they tend to become more leaky and therefore, causing deflated indoor air quality (IAQ). Since people spend, on average, 90% of their time indoors, and pollutants can be ten times—or up to 100 times—more polluted than outdoor air, indoor air quality has very real impacts on both health and cognitive function.

HIGHEST-Quality INDOOR AIR
Our SL Series ERVs can improve indoor air quality by removing contaminants such as off-gassing from carpeting, furniture and building materials, excess humidity and mold. Our technology takes stale indoor air and replaces it with fresh, conditioned and filtered outdoor air.

ASHRAE 62.2
The American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE)’s ASHRAE 62.2 standard has established a residential ventilation standard, known as a Specified and Acceptable Indoor Air Quality in Building Ecology. The goal of this standard is to limit not only energy use and recommended every building’s minimum ventilation rates, but also emphasizes indoor air quality and its relationship with occupant health. The model describes the minimum ventilation rates required for homes. For example, a 2,200 sq. ft. home with 4 bedrooms requires a minimum of 104 CFM.

RENEWAIRE SL SERIES
SL SERIES
In response to growing demand for smaller and more flexible units, we are introducing the RenewAire Slimline ERV SL Series. The E30, E50 and E70 Certifed Slimline in compact, fits into tight spaces and can be adjusted to a specific point by an OEM in every supply and return configuration. It can save energy continuously at that one airflow with a boost option for temporary high airflow. It is the perfect ERV for log-home corpses, apartments, townhouses, residential buildings, commercialized commercial spaces with minimal balancing and cutting spaces, and Passive Houses.

RENEWAIRE ERVs TEMPER THE AIR
Our ERVs moderate the extremes of outdoor supply-air temperature and humidity year-round, providing a sustainable ventilation solution to not only ventilation energy requirements, which can result in smaller air conditioning and heating needs. It can also be used to temper the air and reduce seasonal discomfort and costs. Our SL Series ERVs can improve indoor air quality by removing contaminants such as off-gassing from carpeting, furniture and building materials, excess humidity and mold. Our technology takes stale indoor air and replaces it with fresh, conditioned and filtered outdoor air.

RENEWAIRE CORE TECHNOLOGY
CERTIFICATION
- Certified by the Home Ventilating Institute (HVI) against standard CAN/CSA-62.2
- ETL Listed and HVI-Certified
- Fixed Partition and Spacer Plates
- High airflow. It is the perfect ERV for log-home corps, apartments, townhouses, residential buildings, commercialized commercial spaces with minimal balancing and cutting spaces, and Passive Houses.
- ASHRAE 62.2
- MERV 8, MERV 13 (supply outside air only for MERV 13)
- Ceiling Bracket or Hanging chain
- Operated in continuous low/high flow.

APPLICATIONS
Available in two models, SL30S and SL50S, the Slimline is a low-profile DDR cupping of filling in bulksides and drop-down ceilings. The Slimline Series can be installed virtually horizontally or at any angle to suit site restrictions. This makes the SL Series perfect for applications that have restrictive space for installation.

RENEWAIRE SL SERIES LOW-PROFILE: SINGLE/MULTI-FAMILY, LIGHT COMMERCIAL ERV

AIRSTREAMS DO NOT MIX & POLLUTANTS ARE NOT TRANSFERRED ACROSS PARTITION PLATES

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INNOVATIVE CONSTRUCTION
RENEWAIRE CORE TECHNOLOGY
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ACCESSORIES

FILTERS
- MERV 13 Filters OA Airstream

MOUNTS
- Wall-Bracket Kit

LOUVERED WALL VENT
- 6" White or Brown

HEATERS
- RH Series Electric Duct Heater 1kW, 2kW, 3kW

CONTROLS
- Percentage Timer (PTL)
- Percentage Timer with Furnace Interlock (FM)
- Push-Button, Point-of-Use Timer (PBL)
- Push-Button, Boost Timer (PBT)
- IAQ Sensor Wall Mount
- CO2 Sensor Wall Mount
- Occupancy Sensor Wall Mount
- Occupancy Sensor Ceiling Mount
- Digital Time Clock Wall Mount
- Digital Time Clock Exterior Enclosure
- Dehumidistat

DAMPERS
- Automatic Balancing Valve 4", 5", 6"
- Backdraft Damper 6", 8"
INSTALLATION & MAINTENANCE

INSTALLATION
- Four 6" duct collars for easy duct connection
- Easy integration with existing or new forced-air furnace ducting or for stand-alone applications
- Adjustable brackets and screws for easy and quick installation
- Spring isolators are provided for hanging chain mount

CONTROL STRATEGIES
- Interlock with Air Handler
- Single Control
- Multiple Controls
- PBT or PTL with PBL

MAINTENANCE
Disposable filters should be checked and replaced as needed. Additionally, once a year, vacuum the four core faces using a soft brush. The RenewAire core does not need to be washed, as particulates do not accumulate in the core.