

SYNC-180™

MULTIFAMILY ENERGY RECOVERY VENTILATOR



DESCRIPTION:

The **SYNC180** Energy Recovery Ventilator (ERV) is a cold-weather certified, high-efficiency, precision balanced ventilation solution for single or multifamily installations. When paired with the PrecisionSYNC™ Controller, you can measure the maximum airflow capacity of the installation and dial in precise airflow based on design and code requirements.

The Total Recovery Core transfers heat and moisture between two cross-flow airstreams without allowing cross contamination. When used for balanced mechanical ventilation in humid environments, the unit helps to reduce air conditioning (AC) energy costs. In colder climates, moisture transfer is reversed. The unit helps to moderate humidity and the core is a highly efficient heat exchanger. The core can be easily removed for cleaning or service.

SELLING FEATURES:

Improved Indoor Air Quality: Continuously exchanges stale indoor air with fresh outdoor air, reducing pollutants, allergens, and odors.

Energy Efficiency: Recovers up to 84% of the energy from the exhaust air, reducing heating and cooling costs.

Humidity Control: Balances indoor humidity levels, preventing excess moisture and the growth of mold and mildew.

Low-Profile: 10 inch height. Designed for height restricted installations.

Cold Weather Certified: Recovery available down to -13°F.

Easy Maintenance: Washable antimicrobial MERV-6 air filters in exhaust and supply airstreams, a convenient hinged door without screws, and a removable motor and electronic assembly allow for easy maintenance and service.

Performance	Standard Construction and Options	Configuration Options	Common Applications	Key Accessories
<ul style="list-style-type: none">75-200 cfm	<ul style="list-style-type: none">Two Electronically Commutated (EC) MotorsExhaust & Supply Side PortsCeiling Wall Mount Capable (side port)Suspending Mount Only (top port)Recirculating Defrost ModePrecision Balancing Capable	<ul style="list-style-type: none">Mirrored Airflow Configuration (Side-Port)Hardwired Electrical ConnectionFault Indicator Display	<ul style="list-style-type: none">Multifamily spaces up to 3000 sq. ft.Large capacity jobs where multiple speeds are required to meet performance and there is limited mechanical space	<ul style="list-style-type: none">Optional MERV 13 Filters (485465)20/40/60 Timer (435247)Dual Hood (435250)PrecisionSYNC™ Control (435244)