



Ecowatt®

The Most Energy Efficient Products from S&P

UPDATED APRIL 2019

What is Ecowatt®?

The Ecowatt® standard is classified as energy-efficient products that use Electronically Commutated (EC) or Direct Current (DC) motors. Models that fall under this standard have a certified performance through AMCA (Air Movement & Control Association International, Inc.) or HVI (Home Ventilating Institute). If the product is designed for residential applications the model must be ENERGY STAR® qualified.



reFresh - Full Size 160 EC Models



All-in-one units to introduce fresh air from the outside into the residence. The reFresh series is specifically engineered to meet building and energy codes that call for ASHRAE 62.2 CFM requirements. These units feature a high quality, efficient S&P backward inclined motorized impeller, heavy-duty galvanized construction, and integral metal duct collars designed for 6" round duct.

Our reFresh Full Size 160EC models have been recognized by Energy Star as "ENERGY STAR® Most Efficient 2019!" The ENERGY STAR Most Efficient Mark is an extension of the ENERGY STAR brand and is designed to recognize and advance the most efficient products among those that qualify for ENERGY STAR.



reFresh - Low Profile 120 EC Models



All-in-one units to introduce fresh air from the outside into the residence. The reFresh series is specifically engineered to meet building and energy codes that call for ASHRAE 62.2 CFM requirements. These units feature a high quality, efficient S&P backward inclined motorized impeller, heavy-duty galvanized construction, and integral metal duct collars designed for 6" round duct.

PCD80XH & PCD110X - Premium CHOICE with DC Motor



PCD80XH



PCD110X

PCD fans feature the most efficient DC motors available to help improve indoor air quality and increase your home's durability by quickly exhausting contaminants and excess moisture that can cause health issues, mold growth, and structural damage. With built-in control boards, the PCD models allow you to CHOOSE your airflow. The DC fans are available with humidity sensing, motion sensing, and VOC sensing options built-in.

PCD200 - Premium CHOICE with DC Motor - High Volume



The PCD High Volume fans are designed to solve ventilation issues within restrooms of commercial buildings using the most efficient motors available. The High Volume fans accept humidity sensing modules for the added benefit of worry-free commercial ventilation.

TRCe - Total Recovery with EC motor



The TRCe moderates extremes in both temperature and humidity, creating a comfortable indoor environment. The unique moisture transfer capability of the S&P core also eliminates condensation and frost build up in most applications. Unlike other ERVs on the market, no mechanical or electrical defrost systems are needed. This means higher heat recovery efficiencies, easier installation and more reliable operation.

TRLPe - Total Recovery Low Profile



With a growing demand for smaller and more flexible units, we are now including the Total Recovery Low Profile (TRLPe) to our Total Recovery series. The TRLPe is a cETLus and HVI certified compact model designed to fit tight spaces. Featuring an energy recovery core with a MERV 8 filter, the TRLPe is the perfect ERV for multi-family home and residences with low ceilings.

SDBDe - Down-Blast Centrifugal Power Roof Ventilator



The SDBDe is generally used to exhaust air from all types of commercial and institutional buildings. The non-overloading backward inclined wheel with its higher static pressure capability makes these units suitable for either ducted or non-ducted applications. Direct drive units use smaller diameter wheels, resulting in low sound levels and quiet operation. They have no belts or fan bearings to maintain or adjust and consequently require very little maintenance.

STXDe - Up-Blast Centrifugal Power Roof Ventilator



The STXDe's non-overloading backward inclined wheel, with its higher static pressure capability, makes it suitable for either ducted or non-ducted applications. Its roof or wall mounting permits short duct runs and more efficient operation. Direct drive units use smaller diameter wheels with lower RPM, resulting in low sound levels and quiet operation. They have no belts or fan bearings to maintain or adjust and consequently require very little maintenance.

STXDeRHUL - Up-Blast Centrifugal Power Roof Ventilator



The UL762 version of STXDe. The STXDeRHUL's non-overloading backward inclined wheel, with its higher static pressure capability, makes it suitable for either ducted or non-ducted applications. Its roof or wall mounting permits short duct runs and more efficient operation. Direct drive units use smaller diameter wheels with lower RPM, resulting in low sound levels and quiet operation. They have no belts or fan bearings to maintain or adjust and consequently require very little maintenance.

eSQD - Direct Drive Square Inline Centrifugal Duct Fan



The eSQD unit is the perfect choice for clean air applications where space is a leading consideration. The compact housing with removable access doors can be mounted in any orientation. The eSQD comes with S&P's electronically commutated (EC) motor (eMotor) which offers the energy efficiency of a DC motor with the ease of maintenance of direct drive motors. The eMotor can be controlled in various ways through building management systems or specially designed speed controllers.