



ECOWATT VENTILATION



**Every 6 seconds an S&P product  
is installed somewhere  
in the world.**





# What is Ecowatt?



**Eco**  
*adjective*

Not harmful to the environment.

**Watt**  
*noun*

The standard measure of electrical power.

One of the principal challenges for S&P Ventilation Group is to produce products which continue to be energy efficient without sacrificing performance. Introducing S&P Ecowatt, a high efficiency fan range, incorporating Ecowatt motor technology.

## So what is Ecowatt Technology, and what makes it better than AC?

An Ecowatt motor uses brushless permanent magnets that are electrically charged to rotate the rotor & in turn spin the impeller. An AC motor (alternating current) uses poles to electrically charge brushes to rotate the rotor that spins the shaft & in turn the fan impeller. Brushless permanent magnet technology provides greater control and higher efficiency.

### Benefits of using Ecowatt Motors Vs. AC Motors:

- Ecowatt motors generate less heat & utilise inbuilt electronics that optimise electrical power consumption.
- Up to 35% more efficient than AC motors.
- Reduced CO2 emissions
- Higher efficiency fans with lower SFP's
- Longer life spans when compared to brushed AC motors

We are proud to have provided ventilation solutions for over 100,000 UK businesses both big and small. How could we work with you?





# High temperature unit. Extreme in every way with high temperature performance.



**Motor out of Airstream High  
Temperature Extract fan.**

**ILHT ECOWATT**

120°C continuous / 400°C for 120 minutes.  
Airflows up to 6.0 m<sup>3</sup>/s

**Applications:**

Kitchen extract  
Smoke extract

## EASY VENT

### The art of fan selection.

**[Easyvent.solerpalau.com](http://Easyvent.solerpalau.com)**

At S&P we have developed EASYVENT, a complete, intuitive and comprehensive fan selection software tool. The software presents innovative features that makes product selection simple :

- Displays all product catalogues and datasheets
- Make selections with many new filters
- Possibility to compare product performance curves
- 3D product image for Building Information Modelling (BIM)
- Project selection and development
- Ability to share projects







# Heat recovery units. Adaptable without impacting efficiency.

## Versatile Counter-Flow Heat Recovery Units.

### CADB/T-HE PRO-REG (Stacked)

Maintenance Easy Access.  
Airflows up to 2.8 m<sup>3</sup>/s

#### Applications:

Schools  
Offices  
Restaurants  
Gyms  
Retail  
General commercial buildings



### CADB/T-HE PRO-REG (Horizontal)

Low profile.  
Airflows up to 1.7 m<sup>3</sup>/s

#### CADB/T-HE Series Features:

Up to 93% Thermal Efficient.  
Plug-and-Play controls.  
Interchangeable Spigots.  
EUROVENT certified.







# Heat recovery units.

## Big on efficiency, small on environmental impact.



### Compact, Low Noise Thermal Wheel Heat Recovery Unit.

#### RHE (Vertical)

Compact.  
Airflows up to 1.4 m<sup>3</sup>/s

#### Applications:

Schools  
Offices  
Restaurants  
Gyms  
Retail  
General commercial buildings

#### RHE (Stacked)

Small footprint.  
Airflows up to 2.8 m<sup>3</sup>/s

#### RHE Series Features:

Up to 88% thermal efficient  
Plug-and-Play Controls.

### Ecowatt Technology logo



An ECOWATT product can be easily identified by the "ec technology" logo. S&P UK'S new high efficiency fan range, incorporates EC motor technology.





# Supply air handling units. Lowering environmental impact by design.



## Ultra Low Profile Supply Air Handling Unit.

### UTBS PRO-REG

Horizontal or vertical orientation.  
Low profile height.  
Airflows up to 1.8 m<sup>3</sup>/s

#### Applications:

Kitchen supply  
Schools  
Offices  
Restaurants  
Gyms  
Retail  
General commercial buildings

## Multiple Heating & Cooling Options Supply Air Handling Unit.

### CAIB/T PRO-REG

Multiple Heating / cooling coil options.  
Airflows up to 3.3 m<sup>3</sup>/s

#### Applications:

Kitchen supply  
Schools  
Offices  
Restaurants  
Gyms  
Retail  
General commercial buildings





# Inline extract / supply fans. Sound performance without the loss of power.



**Award winning Low Noise  
Level inline duct Fan.**

## **TD-SILENT ECOWATT**

Low noise breakout.  
Airflows up to 555 l/s

### **Applications:**

Tea Point  
Toilet  
Washroom  
General commercial buildings

## **Acoustic Cabinet Fan.**

### **CAB ECOWATT PLUS**

High pressure development  
Airflows up to 700 l/s  
Available in single or  
twin fan configuration

### **Applications:**

Tea point  
Toilet  
Washroom  
General commercial buildings







## S&P UK VENTILATION SYSTEMS LTD

S&P HOUSE, WENTWORTH ROAD,  
RANSOMES EUROPARK,  
IPSWICH, SUFFOLK. IP3 9SW

0845 4700074  
SALES.UK@SOLERPALAU.COM  
SOLERPALAU.CO.UK