



# EC Motors Controls

**EC = Efficiency + Controllability**

Vari-Flow electronically commutated motors and controls create a powerful combination that can save you money



## Standard Features:

- Superior part-load efficiency and demand-driven control allow you to fine-tune your ventilation system to achieve minimum energy consumption and optimum ventilation
- The Cook Vari-Flow motor and control offering provides the tools you need to start saving energy now
- Vari-Flow Controls available for pressure, temperature, humidity, VOC, CO<sub>2</sub>, two-speed and more

## Extra Benefits:

- Vari-Flow EC and PM motors provide superior part-load performance
- Maximum potential for savings is reached when Vari-Flow motors and controls are combined
- The entire offering of Vari-Flow motors and controls is integrated in Compute-A-Fan to simplify the selection process



Contact your **Cook Representative** or visit [lorencook.com](http://lorencook.com) for more information!

Vari-Flow® blends ultra-efficient EC and PM motors and application-specific controllers to create energy saving demand-based ventilation systems.

## Standard EC



## VFD's



## SimpliDrive



## Controls



2 Speed Controller



Air Balance Kit



Universal Controller  
Temp/RH/VOC/CO<sub>2</sub>



Remote Speed  
Controller



Pressure Controller

## Essential Advantages:

- **Ready to Run**  
Vari-Flow motors are pre-wired & pre-programmed from factory
- **Cost Savings**  
maximized by combining Vari-Flow motors and controls for demand controlled ventilation
- **Greater Efficiency**  
across entire RPM range
- **Equipped with**  
Air Balance Kit on all external control packages
- **Application-specific**  
control packages available for pressure, humidity, temperature, CO<sub>2</sub>, VOC control and more!
- **Convenient**  
remote manual or automatic adjustability