

# FRESH AIR

LIVE HEALTHIER LIVE LONGER



CONDITIONING ENERGY RECOVERY VENTILATOR



## INTELLIGENT FRESH AIR VENTILATION

### FEATURING



#### Automatic Fresh Air Control

Integrated pollutant sensors activate fresh air ventilation



#### Fresh Air Ventilation & Recirculation Modes

When fresh air is not needed, recirculation adds heating or cooling to unify comfort and indoor air quality



#### Heat Pump Energy Recovery & Conditioning

Energy Exchange with the ability to actively heat, cool, and dehumidify air with no low temperature operation restriction



#### Inverter Drive Compressor with ECM Fans

Provides superior heat pump efficiency with variable speed compressor and fan control



#### Innovative Controls

Easy to use color touchscreen controller with option for internet connectivity



#### Designed & Built in the USA

The CERV is manufactured in a 100% solar powered facility in Urbana, Illinois

VISIT

[WWW.BUILDEQUINOX.COM](http://WWW.BUILDEQUINOX.COM)

TO LEARN MORE ABOUT HOW THE CERV CAN HELP YOUR HOUSE BECOME A HEALTHY HOME.



SOLUTIONS FOR A  
HEALTHY,  
COMFORTABLE,  
AND SUSTAINABLE  
LIFESTYLE





## INTELLIGENT FRESH AIR VENTILATION

### Why CERV?

**You wouldn't buy a car without a speedometer, so why buy a ventilation system that doesn't measure air quality?** Indoor air pollutants must be measured for efficient management, and the CERV does just that. Built-in **CO2 and VOC (volatile organic compound) sensors** automatically **measure and maintain excellent air quality** in your home. Your family's health is too important for guesswork.

**Energy recovery taken to a new level.** The CERV's **super-efficient inverter drive heat pump** technology surpasses traditional ERV/HRV systems. When you're stuck inside on the coldest day of the year, you need fresh air the most - the CERV has **no low temperature operation restrictions**, so the fresh air can keep flowing. Home occupants in warm/humid climates will appreciate the CERV's ability supply **cool, dehumidified fresh air** to the house. If that wasn't enough, the CERV's **unique recirculation mode** provides additional conditioning when fresh air is not needed, significantly improving comfort.

**Innovative controls** further set the CERV apart from other ventilators. Built with the **user experience** in mind, our color touchscreen controller is easy to read and **simple to use**. For users interested in web connected devices, the CERV's optional internet gateway called CERV-ICE opens up a world of **ventilation control never before seen**. Control your CERV from anywhere, access archived data, receive system notifications and updates, read your home health reports, and more! All from your computer, tablet, or mobile device.

### Specifications

Nominal Performance

Power Consumption	< 600 watts
Heating Capacity	1125w (3850 BTU/hr)
Cooling Capacity	700w (2400BTU/hr)
Airflow Rate	100-200 CFM

\*Heating and cooling capacities vary based on inside and outside conditions

Electrical Specifications

	Fresh Air Module (Fans Included)	Conditioning Module
Voltage Supply	120V (60hz)	120V (60hz)
Current	1A	4.2A

System Footprint 44" Wide x 32" Deep

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