

Make Your House a Healthy Home with



Smart Ventilation



Air Quality Monitoring & Control

Integrated CO2 and VOC sensors automatically activate fresh air ventilation



Advanced Air Purification

Filtration through high-efficiency filters removes fine indoor particulates



Outdoor VOC & Particulate Defense

Prevent your home from the entry of unwanted outdoor air pollutants*



Ultraviolet Germ & Virus Shield

Reduce the spread of illness by sanitizing the air*



Heat Pump Energy Recovery

Superior efficiency with inverter-driven heat pump and fan control



Elegant Controls & Internet Connected

Easy to use color touchscreen controller with internet control and monitoring

*Available Options



Learn More at www.buildequinox.com

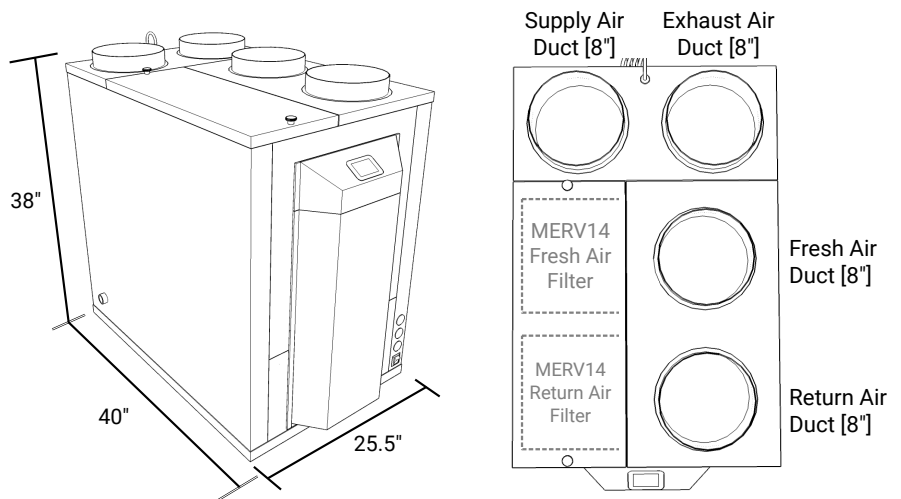


CERV2 Indoor Air Quality Management System

The CERV isn't just an ERV (energy recovery ventilator) - it's the most advanced home air quality management system in the world. Unlike standard ERVs and HRVs, it measures and actively reduces pollutants, combats germs and viruses, and shields your home from outdoor pollutants like wildfire smoke. With smart controls, UV air sanitation, precision zone ventilation, heat pump energy recovery, and air purification, the CERV delivers the ultimate all-in-one solution for a healthier, cleaner home.

The CERV2 exceeds ASHRAE residential standard 62.2: Ventilation and Acceptable Indoor Air Quality.

System	
Input Power Supply	120 VAC 60hz (12A) 6ft Cord (NEMA 5-15P)
Dimensions	38" x 25.5" x 40"
Weight	140 lbs
Airflow	100 - 300 cfm
Filter Size	10" x 20" x 1"
Filter Type	MERV 14
Duct Openings	8" Round
Drain Outlet	3/4" PVC
Warranty	5 Years 1st Year Parts & Labor Years 2-5 Parts Only



Sensors
Temperature, Relative Humidity, Carbon Dioxide (CO2), Volatile Organic Compounds (VOC), Particulate Mass & Count

Energy Recovery			
Outdoor T	Indoor T	Airflow	Efficiency
❄️ 95°F (35°C)	75°F (24°C)	100 CFM	1.91 TRE
🔥 32°F (0°C)	70°F (21°C)	100 CFM	1.22 SRE

Testing performed to HVI Standard: CAN/CSA C439

Supplemental Recirc. Heating & Cooling		
Outdoor T	Capacity	Efficiency
❄️ 95°F (35°C)	2230 BTU/h	3.2 (COP)
❄️ 80°F (27°C)	2230 BTU/h	3.2 (COP)
🔥 47°F (8°C)	4731 BTU/h	3.6 (COP)
🔥 32°F (0°C)	3702 BTU/h	3.3 (COP)
🔥 17°F (-8°C)	2674 BTU/h	2.8 (COP)
💧 Moisture Removal	9.6 Liters / Day	

Heating and cooling capacity relative to indoor conditions.
Excludes variable speed fan power.

Fan Performance

