

HERO Fresh air appliances

ERV/HRV for balanced ventilation in single- and multi-family homes

The HERO residential systems with heat or energy recovery improve indoor air quality (IAQ) and help lower the project's HERS score.

- **Heat & Energy Recovery Ventilators (HRVs/ERVs)**
 - Airflows up to 252* cfm at 0.4" w.g.
 - 5" duct connection (HERO 100E and HERO 120H)
 - 6" duct connection (all other models)
 - Rubberized duct gaskets on metal collars
 - Optional MERV 8 (all models) and MERV 13 (except for HERO 100E and 120H) filters
 - Integrated balancing taps for commissioning
 - Energy-efficient counterflow core with SRE up to 84% (0C/32F)
 - Front access for fast and easy maintenance
 - Improves the home's HERS score towards a NetZero status and lowers energy costs
 - Certifications: CSA, HVI, ENERGY STAR
 - Limited warranty
- *For airflow details on specific models, see the Diagram section on this page

[Find more details in our online catalogue](#)

Energy Efficiency

Recovers up to 84% of the energy from the extracted air and uses it to temper the incoming fresh air, optimizing the energy required to pre-cool or pre-heat the fresh outside air.

Improved Indoor Air Quality

HERO® appliances supply fresh, tempered air into indoor spaces while removing excess moisture, ensuring a healthy, comfortable living environment.

Easy Installation & Maintenance

HERO® appliances include rubberized duct seals and easy-connect ports for simple set-up. Unobstructed front access allows for quick cleaning and easy maintenance.

ENERGY STAR® Certified

These appliances have been designed to meet the latest and most stringent ENERGY STAR® requirements, making them even more dependable, efficient, and simple to install.



Certifications



CSA Mark



Energy Star



HVI Certified

In the Box

This appliance comes with a wall mount, an external electrical box with easy-connect ports, integrated in-door manometer ports, and duct ports with plastic collar shrouds with integrated backdraft for simple, fast installation.

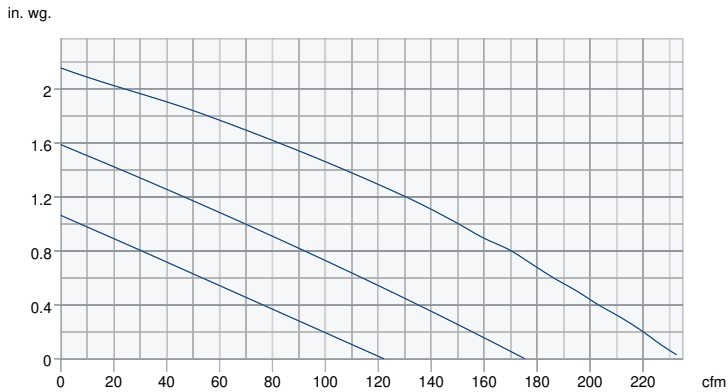
Technical parameters

Product		
Voltage (nominal)	120	V
Phases	1~	
Input power	210	W
Input current	2	A
Air flow	203	cfm
Certificate	CSA, HVI, ENERGY STAR	
Dimensions and weights		
Weight	58.5	lb
Used for		
Installation type	Vertical	

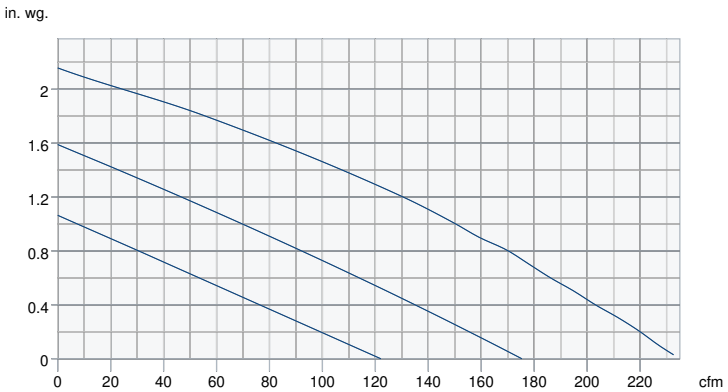
Performance

- ⚠ Recommended low airflow is outside valid range
- ⚠ Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Air density	0.075 lb/ft³	

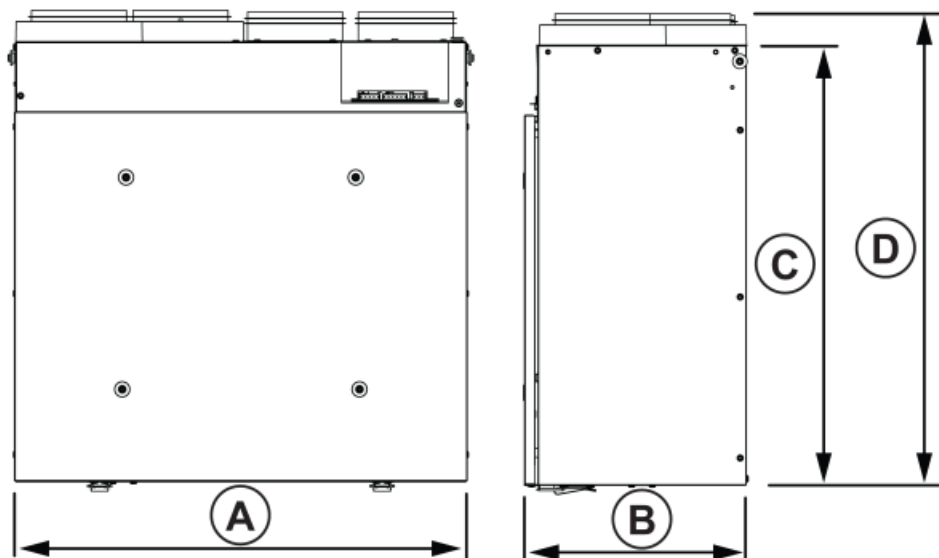
Performances

	Supply tempera- ture	Net airfl ow	Consu- med power	Sensible recovery efficiency	Adjusted sensible recovery efficiency	Latent recovery / moisture transfer
	°F (°C)	cfm (L/s)	W	%	%	
Heating	32 (0)	85 (40)	98	80	88	0.00
	32 (0)	140 (66)	136	77	83	0.00
	32 (0)	195 (92)	192	74	81	0.00
	-13 (-25)	87 (41)	133	67	71	0.13

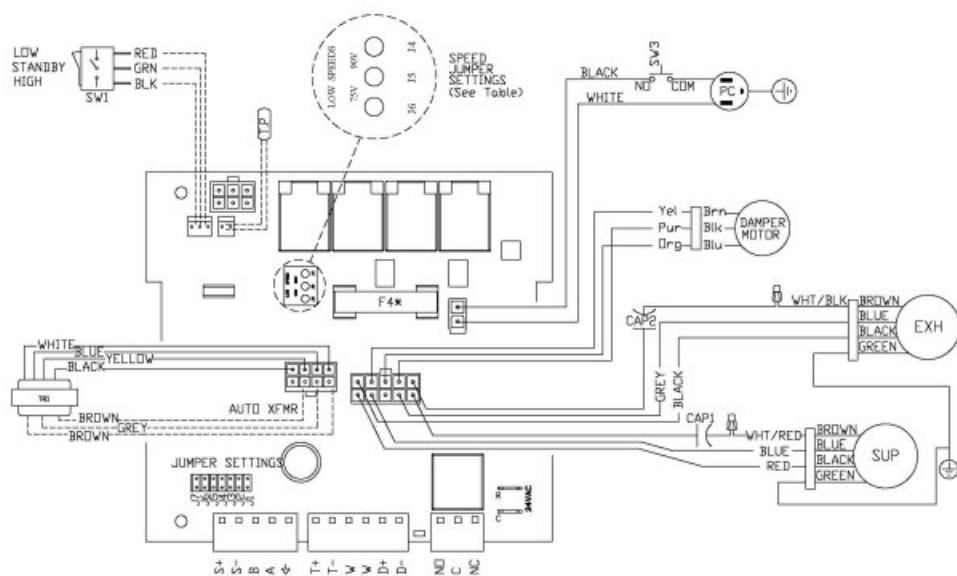
Dimensions

Model	A	B	C	D	Duct Size
HERO 100E	23 1/4 (590)	11 1/2 (291)	22 5/8 (575)	24 1/4 (616)	5 (127)
HERO 120H	23 1/4 (590)	11 1/2 (291)	22 5/8 (575)	24 1/4 (616)	5 (127)
HERO 150H	27 7/8 (707)	13 3/8 (341)	23 (584)	24 7/8 (626)	6 (152)
HERO 200H	27 7/8 (707)	15 3/8 (391)	23 (584)	5 (127)	6 (152)
HERO 150H-EC	27 7/8 (707)	13 3/8 (341)	23 (584)	24 7/8 (626)	6 (152)
HERO 250H-EC	27 7/8 (707)	15 3/8 (391)	23 (584)	24 7/8 (626)	6 (152)

Dimensions in inches (mm).



Wiring



Model	JUMPER SETTINGS							Low Speed Jumper Settings
	J7	J6	J5	J4	J3	J2	J1	
100 CFM (ERV)	ON	OFF	OFF	OFF	OFF	ON	ON	75V
120 CFM (HRV)	ON	OFF	OFF	OFF	OFF	ON	ON	
150 CFM (HRV)	ON	ON	OFF	OFF	OFF	ON	OFF	
200 CFM (HRV)	ON	ON	OFF	OFF	OFF	ON	OFF	

*F4 is 8A Fast Acting with I2T > 184
 ----- Low voltage factory wiring
 ————— Line voltage factory wiring

Accessories

- CO2 Sensor (99315)
- ECO-Feel ® Auto IAQ control (414729)
- RTS-W Wireless timer (414920)
- FIDT 6 Insulated Flex Duct (411064)
- Filter,MERV8,HERO200H,Repl.kit (428527)
- MGS 6 Metal Supply Grill (411242)
- RTS5 Push-button timer (44794)
- FID Module, Rough-in Kit (463988)
- RTS4 Push-button timer (415516)
- Contractor Commissioning Kit (463311)
- ECO-Touch ® Auto IAQ control (414727)
- COM6P Supply and Exhaust Hoods (40222)
- Filter,MERV13,HERO200,Repl.kit (428549)
- MGE 6 Metal Exhaust Grill (411371)
- RTS2 Push-button timer (40164)
- FID Display, Trim Kit (464000)
- Repl Wall Bracket, 24" (463942)

Documents

- E1991 HERO-ATMO Brochure EN
- E1994_FAA_SELECTION_RESIDENTIAL.PDF
- E2014 Replacement Filters EN
- E400062 HERO 200H-250H Dimensional Submittal.pdf
- 428486 HERO IOM EN FR.pdf
- 444779 HERO 200H Spec Sheet.pdf
- CSI Specification - HERO Series