

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



Green Ventilation



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	110	W
Input current	3	A
Air flow	172	cfm
Certificate	CSA, HVI, ENERGY STAR	

Exchanger

Heat exchanger	Energy recovery
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Dimensions and weights

Weight	50.6	lb
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Used for

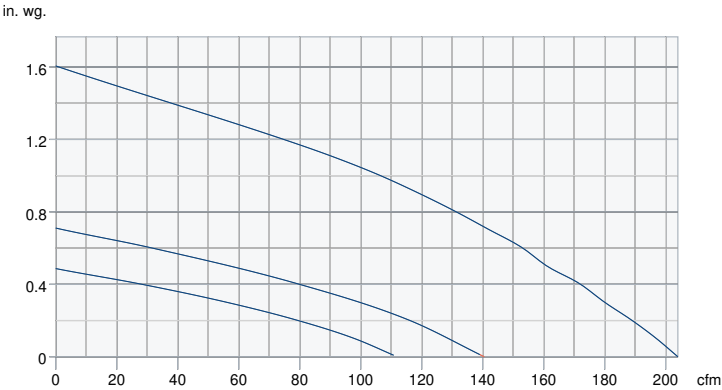
Installation type	Vertical
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Performance

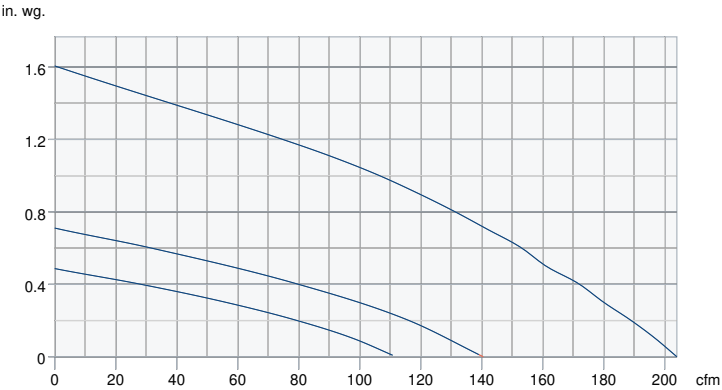
 Recommended low airflow is outside valid range

 Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Air density	0.075 lb/ft³	

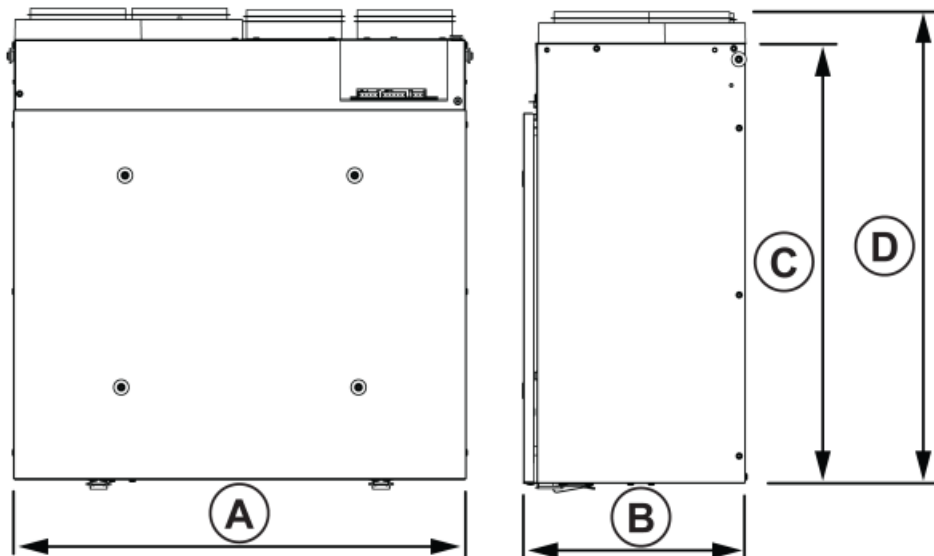
Performances

	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	%	%	
Heat in- g	32 (0)	70 (33)	23	84	86	0.00
	32 (0)	106 (50)	37	80	83	0.00
	32 (0)	157 (74)	89	77	81	0.00
	-13 (-25)	66 (31)	47	68	69	0.14

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

