

**HERO**<sup>®</sup> & **ATMO**<sup>™</sup>  
Fresh Air is Our Super Power



INTRODUCING  
New **HERO** Models



## A Scalable Residential HRV/ERV Platform

### Not a one-off solution


The **HERO® Series** is a family of ENERGY STAR® certified Heat and Energy Recovery Ventilators designed to deliver quiet, efficient, and balanced ventilation for today's residential applications. **Now expanded with additional ERV models**, HERO provides greater flexibility and more options across a wider range of home sizes and project requirements.


### Why HERO works across homes, climates, & projects:


- Balanced, healthy ventilation** ..... Continuously removes stale indoor air and replaces it with fresh, tempered outdoor air to support consistent indoor air quality.
- Efficient energy recovery** ..... High-efficiency heat and energy recovery cores help reduce heating and cooling loads year-round.
- Scalable residential platform** ..... Multiple airflow capacities allow the same HERO solution to be applied from compact homes to larger residences, without redesign or compromise.
- Built for real-world installs** ..... Proven recirculating defrost strategy supports reliable, all-season operation in cold climates and mixed conditions.
- Quiet, efficient performance** ..... EC motor options deliver low sound levels and reduced energy consumption.
- Simplified specification and installation** ..... A common design approach across the lineup helps contractors and designers standardize, streamline installs, and specify with confidence.





### What Does this Mean for You:


 **Scalable Residential Coverage:**  
One HRV/ERV platform covering a broad range of residential airflow requirements.

 **High-Efficiency Recovery:**  
Freeze-tolerant cores deliver strong sensible and total recovery efficiencies.

 **Contractor-Ready Installation:**  
Practical cabinet sizes and round duct connections simplify installation and service.

 **Energy-Efficient EC Options:**  
Select models feature EC motors for improved fan efficacy and lower energy use.

 **Reliable All-Season Operation:**  
Recirculating defrost supports consistent performance across operating conditions.

 **Code- and Program-Ready Performance:** HVI, CSA, and ENERGY STAR® certified, ASHRAE 62.2 & CEC/Title 24 compliant.



## Key Features of the ATMO & HERO

Energy Efficiency  
up to 85% SRE at 32°F/0°C

Easy Installation & Maintenance

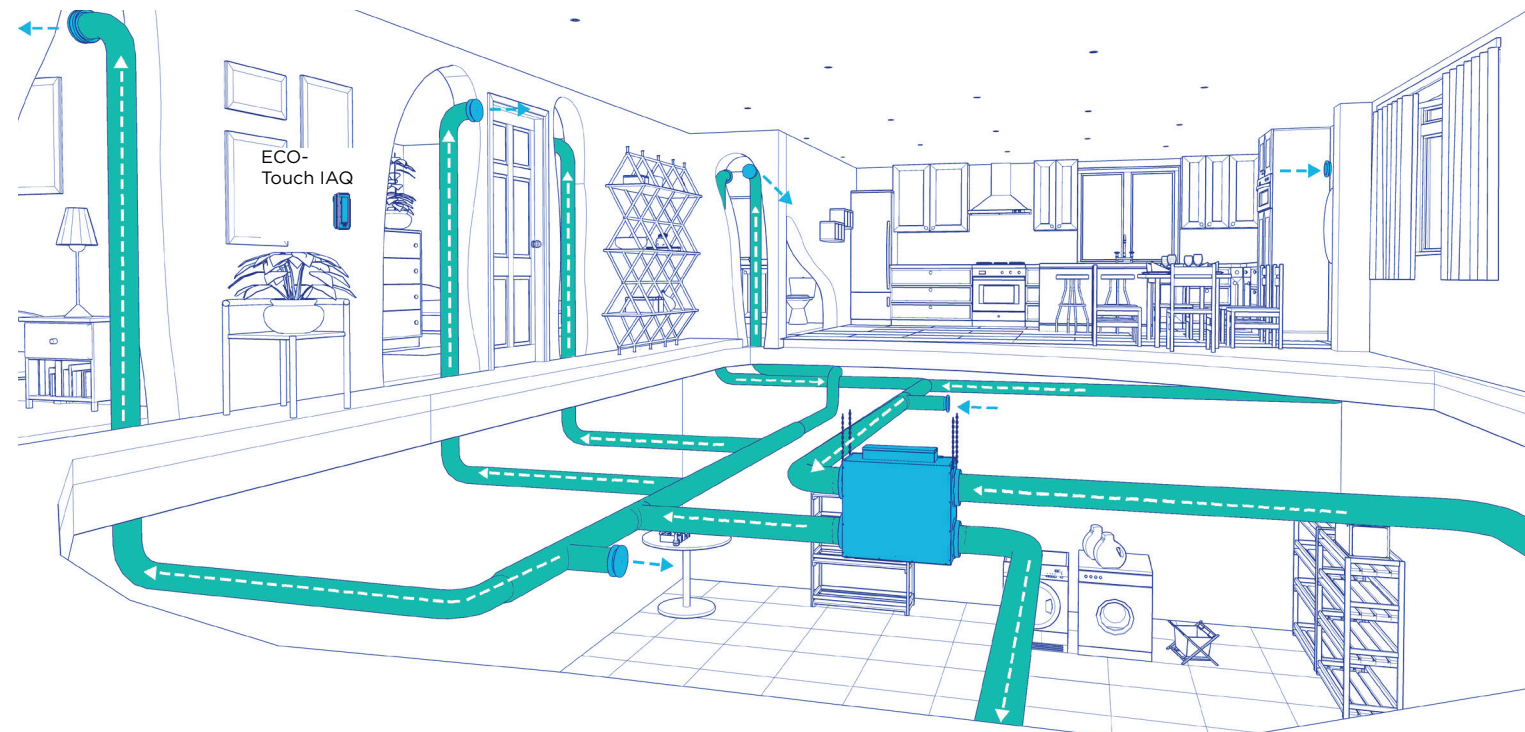
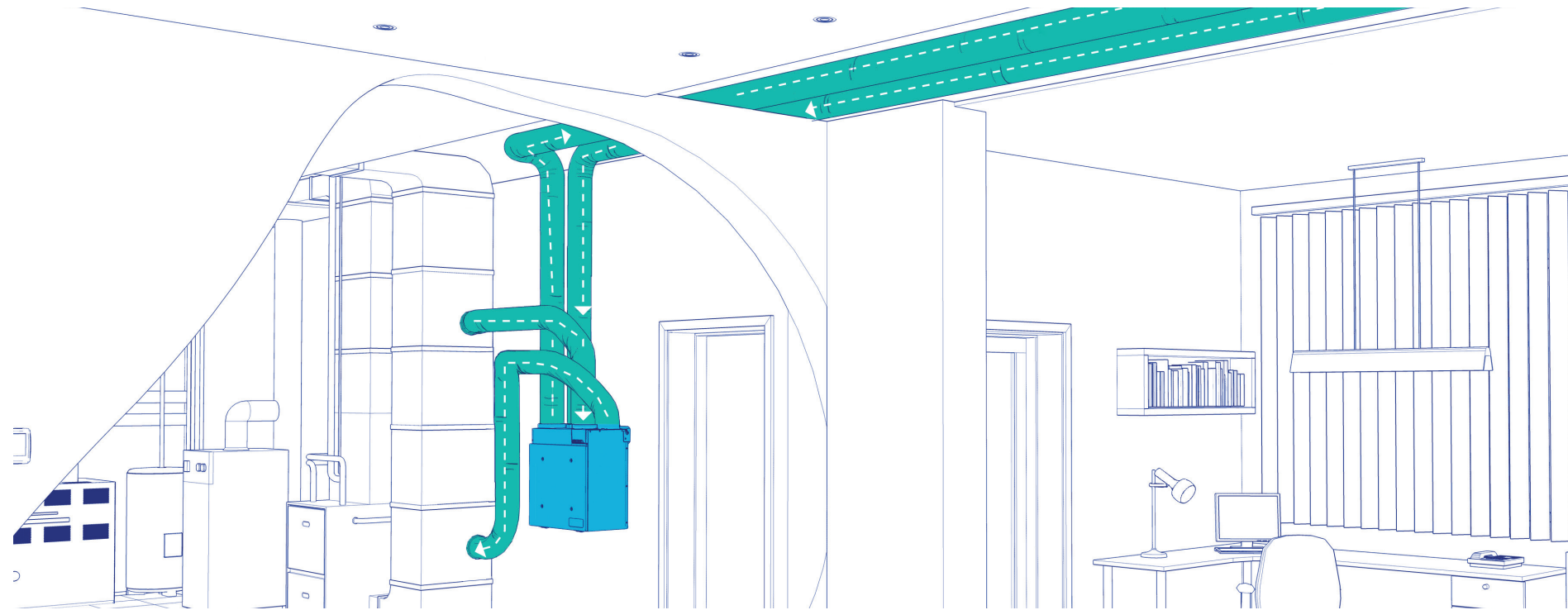
HVI & ENERGY STAR® Certified  
Note: ATMO 150H is HVI certified, but not ENERGY STAR® certified

MERV 3 Filter (included)  
MERV 8 and MERV 13 filters (optional)

Top- or Side-Port Connections

Fan Efficacy  
up to 3.0 cfm/W

# Balanced Ventilation, Done Right



Balanced ventilation maintains healthier, more comfortable homes by continuously replacing stale indoor air with fresh, tempered outdoor air.

By supplying and exhausting air equally, it helps manage moisture, reduce contaminants, and support consistent indoor air quality.

The **HERO & ATMO Series** deliver this balance reliably and efficiently, without sacrificing performance.



**HERO® HRV/ERV**  
bring in fresh air, remove stale air;  
air tempered by outgoing air

**ECO-Touch® IAQ**  
increases ventilation based on TVOCs



**ATMO™ HRV/ERV**  
bring in fresh air, remove stale air;  
air tempered by outgoing air

**Bathroom Exhaust**  
wireless timer activates the HRV/ERV for  
on-demand exhaust

**ECO-Touch® IAQ**  
increases ventilation based on TVOCs

**Other Exhaust**  
stale air drawn from areas requiring location  
exhaust (bath, kitchen, laundry, etc.)

## A Closer Look

Our HERO® & ATMO™ heat and energy recovery ventilators (HRV/ERVs) are designed for optimal performance in every installation. Built with advanced technology, including energy-efficient EC motor options, and durable construction, they provide efficiency and reliability for any project.

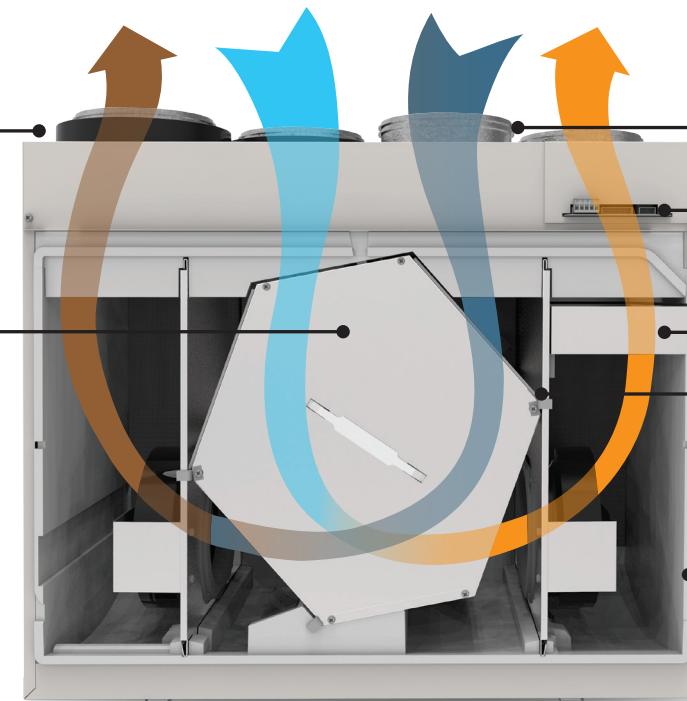
With heat and energy recovery at their core, these units ensure healthy, comfortable indoor environments—**fresh air is the super power.**

### HERO® top-ported HRV/ERV

**PLASTIC COLLAR SHROUDS**  
with integrated backdraft prevention

**COUNTERFLOW CORE**  
providing up to 85% of sensible recovery

**WALL MOUNT SYSTEM**  
with optional ceiling chain mount



**ROUND METAL COLLARS**  
with rubberized duct seals

**ELECTRICAL BOX**  
external access with easy connectors

**OPTIONAL, MERV 8/MERV 13 FILTERS<sup>1</sup>**  
cleaner air in your entire home

**INTEGRATED MERV 3 FILTER**  
for unobstructed airflow and helping to capture textile fibers, pollen, and dust lint

**INJECTED FOAM CABINET**  
UL rated with improved aerodynamics, insulation, and sound proofing

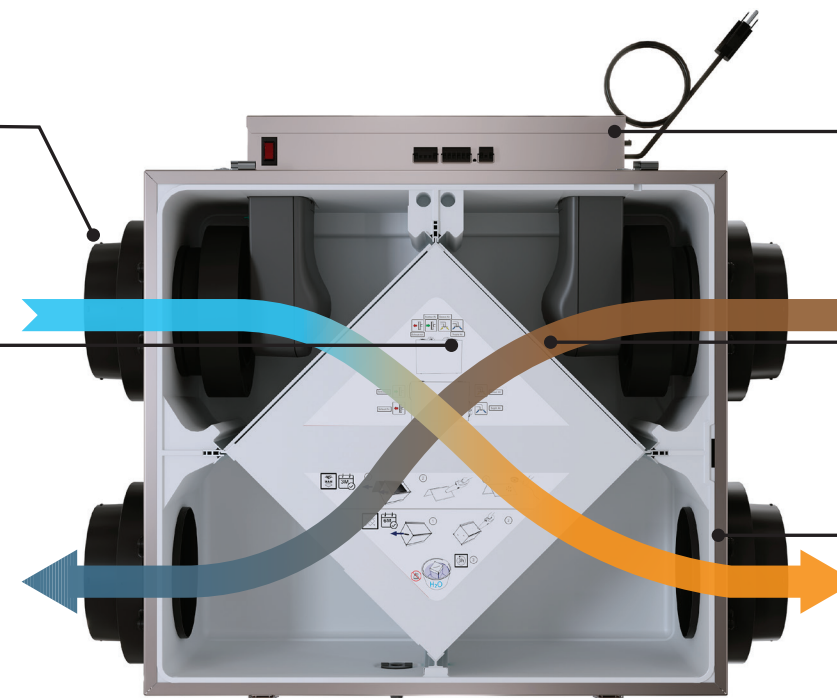
<sup>1</sup> Adding a MERV 8 or MERV 13 filter will impact performance and airflow. MERV 13 not provided for HERO 100E and 120H.

### ATMO™ side-ported HRV/ERV

**ISF COLLAR SYSTEM**  
manipulate duct by sliding the collar system

**CROSSFLOW CORE**  
providing up to 77% of sensible recovery

**CHAIN STANDARD MOUNT**  
with optional wall bracket



**ELECTRICAL BOX**  
external access with easy connectors

**INTEGRATED MERV 3 FILTER**  
for unobstructed airflow and helping to capture textile fibers, pollen, and dust lint

**ONE-PIECE FOAM CABINET**  
UL rated with improved aerodynamics, insulation, and sound proofing

# Product Line

HERO® ERVs		<div style="display: flex; justify-content: space-around;"> <span> HERO 100E</span> <span> HERO 120E-EC</span> <span> HERO 140E</span> <span> HERO 160E-EC</span> </div>			
		Airflow range (low-high)	cfm @ 0.4" wg.	40-102	40-112
Duct connection	inch	5	5	6	6
Voltage / Phase	V / ~	120/1	120/1	120/1	120/1
Connection type		Round	Round	Round	Round
Consumed power (Low / High speed)	W	42/91	21/87	55/180	26/120
Fan Efficacy @ 0°C/32°F	cfm/W	1.2	2.1	1.0	2.0
<sup>1</sup> Adjusted Sensible Recovery Efficiency @ 0°C/32°F	%	88	88	86	85
<sup>1</sup> Sensible Recovery Efficiency @ 0°C/32°F	%	82	85	79	81
<sup>1</sup> Sensible Recovery Efficiency @ -25°C/-13°F	%	60	63	60	64
<sup>1</sup> Total Recovery Efficiency @ 35°C/95°F	%	70	80	72	78
Max current	A	1.1	3.0	1.4	6.4
Certification					
Defrost Cycle		Recirculation	Recirculation	Recirculation	Recirculation
Height	inch (mm)	24 1/4 (616)	24 1/4 (616)	24 7/8 (626)	24 7/8 (626)
Width	inch (mm)	23 1/4 (590)	23 1/4 (590)	27 7/8 (707)	27 7/8 (707)
Depth	inch (mm)	11 1/2 (291)	11 1/2 (291)	15 3/8 (391)	15 3/8 (391)
Weight	lbs (Kg)	47 (21)	50 (23)	59 (26)	59 (26)

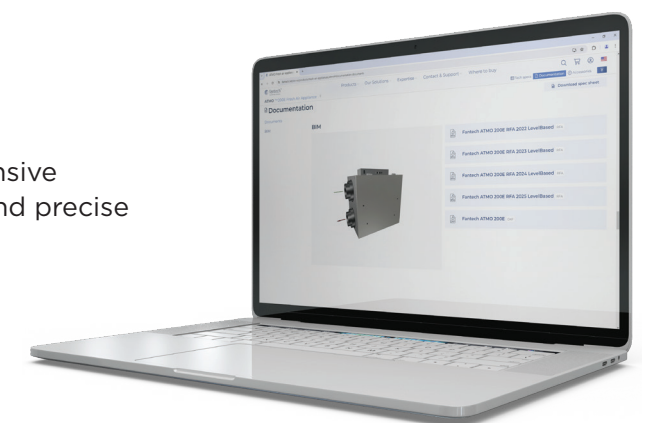
<sup>1</sup>Performance at low speed.

HRVs		HERO 120H	HERO 150H	HERO 200H	HERO 150H-EC	HERO 250H-EC
		Airflow range (low-high)	cfm @ 0.4" wg.	40-110	50-148	60-203
Duct connection	inch	5	6	6	6	6
Voltage / Phase	V / ~	120/1	120/1	120/1	120/1	120/1
Connection type		Round	Round	Round	Round	Round
Consumed power (Low / High speed)	W	69/165	59/180	98/210	23/110	34/260
Fan Efficacy @ 0°C/32°F	cfm/W	1.2	1.2	0.9	3.0	2.5
<sup>1</sup> Adjusted Sensible Recovery Efficiency @ 0°C/32°F	%	85	86	88	86	85
<sup>1</sup> Sensible Recovery Efficiency @ 0°C/32°F	%	80	80	80	84	82
<sup>1</sup> Sensible Recovery Efficiency @ -25°C/-13°F	%	64	65	67	68	63
<sup>1</sup> Total Recovery Efficiency @ 35°C/95°F	%	-	-	-	-	-
Max current	A	1.2	1.4	2.0	3.0	6.4
Certification						
Defrost Cycle		Recirculation	Recirculation	Recirculation	Recirculation	Recirculation
Height	inch (mm)	24 1/4 (616)	24 7/8 (626)	24 7/8 (626)	24 7/8 (626)	24 7/8 (626)
Width	inch (mm)	23 1/4 (591)	27 7/8 (707)	27 7/8 (707)	27 7/8 (707)	27 7/8 (707)
Depth	inch (mm)	11 1/2 (291)	13 3/8 (341)	15 3/8 (391)	13 3/8 (341)	15 3/8 (391)
Weight	lbs (Kg)	41 (19)	51 (23)	59 (26)	51 (23)	57 (26)

<sup>1</sup>Performance at low speed.

## Specifying Made Easy

Visit [fantech.net](http://fantech.net) to access detailed **BIM objects** and comprehensive **CSI specifications**, designed to support seamless integration and precise planning for your projects.



# Product Line

ATMO™		ATMO 150H	ATMO 200H	ATMO 150E	ATMO 200E	ATMO 300E-EC
Airflow range (low-high)	cfm @ 0.4" wg.	50-150	60-200	50-150	60-200	80-300
Duct connection	inch	6	6	6	6	6
Voltage / Phase	V / ~	120/1	120/1	120 / 1	120 / 1	120/1
Connection type		Round	Round	Round	Round	Round
Consumed power (Low / High speed)	W	54/168	50/168	52/168	52/168	31/200
Fan Efficacy @ 0°C/32°F	cfm/W	1.2	1.3	1.2	1.3	2.0
<sup>1</sup> Adjusted Sensible Recovery @ 0°C/32°F	%	80	81	81	81	80
<sup>1</sup> Sensible Recovery Efficiency @ 0°C/32°F	%	74	75	75	75	77
<sup>1</sup> Sensible Recovery Efficiency @ -25°C/-13°F	%	60	60	60	60	63
<sup>1</sup> Total Recovery Efficiency @ 35°C/95°F	%	-	-	60	65	68
Max current	A	1.4	1.4	1.4	1.4	6.4
Certification						
Defrost Cycle		Fan Shutdown	Fan Shutdown	Fan Shutdown	Fan Shutdown	Fan Shutdown
Height	inch (mm)	21 7/16 (546)	21 7/16 (546)	21 7/16 (546)	21 7/16 (546)	21 7/16 (546)
Width	inch (mm)	23 7/8 (606)	23 7/8 (606)	23 7/8 (606)	23 7/8 (606)	23 7/8 (606)
Depth	inch (mm)	11 11/16 (297)	16 5/8 (423)	11 11/16 (297)	16 5/8 (423)	16 5/8 (423)
Weight	lbs (Kg)	42 (19)	46 (21)	51 (23)	57 (26)	60 (27)

<sup>1</sup>Performance at low speed.

## Super Controls

Flexible, accurate, and easy to integrate. Our controls optimize fresh air system performance.

Model	TIMERS					
	ECO-TOUCH® IAQ	EDF8	ECO-FEEL®	EDF3	RTS-W <sup>2</sup>	RTS4
TVOC sensing	•		•			
Single Family Residential	•	•	•	•	•	•
Multi-Family Residential	•	•	•	•	•	•

<sup>2</sup>This timer can only be paired to a Fantech HRV/ERV via the ECO-Touch® IAQ

## Boost Filtration Power

Both the ATMO™ and HERO® Series come with an integrated MERV 3 filter for basic filtration. Optional MERV 8 and MERV 13 filters are available to offer an even greater level of filtration against airborne particles and allergens.

Keep your system running at its best by understanding how these filter options impact performance.



- Large airborne debris
- Carpet fibers
- Pollen
- Larger dust particles
- Dust lint

### IMPACT ON AIRFLOW

Adding MERV 8 or MERV 13 filters increases static pressure, affecting airflow.



- Mold spores
- Dust mites
- Pet dander
- Debris (paper, fabrics)
- Large bacteria

### STATIC PRESSURE AWARENESS

When upgrading filters, account for the additional static pressure to ensure your system maintains the desired airflow.



- Fine particles (smoke, smog)
- Bacteria, viruses
- Pet dander, allergens
- Cooking oil, aerosols
- Respiratory droplets (coughs, sneezes)

### TAILORED SOLUTIONS

Choose the filter that meets your specific air quality needs, balancing filtration power with system performance.

# Performance that Earns the Cape

## How HERO® HRV/ERVs deliver in the field

Case studies turn performance claims into proven outcomes.

Featuring real-world applications of our HERO residential HRVs and ERVs, these stories demonstrate how well-designed ventilation solutions deliver measurable comfort, energy efficiency, and code compliance. For specifying engineers, builders, and HVAC contractors, they offer valuable insights into how our systems perform in the field under real conditions, with real results.



Urban Living

### Le Wow

<b>Region</b>	QC, Canada
<b>Completion</b>	2022
<b>Application</b>	Apartments
<b>Developer</b>	Douville, Moffet, and Associates
<b>Contractor</b>	Nova Construction
<b>Photos</b>	Douville, Moffet, and Associates
<b>Products</b>	HERO® + ECO-Touch® IAQ



Reviving History

### Le Divin

<b>Region</b>	QC, Canada
<b>Completion</b>	2023
<b>Application</b>	Apartments
<b>Developer</b>	Douville, Moffet, and Associates
<b>Developer</b>	IPSO Facto
<b>Photos</b>	Douville, Moffet, and Associates
<b>Products</b>	HERO® + Topvex



a 'Place Apart'

### Geode ADU

<b>Region</b>	CA, USA
<b>Completion</b>	2023
<b>Application</b>	Accessory Dwelling Unit
<b>Architects</b>	IwamotoScott Architecture
<b>Photos</b>	IwamotoScott Architecture
<b>Products</b>	HERO®



Net-Zero

### Adsum Sunflower

<b>Region</b>	NS, Canada
<b>Completion</b>	2022
<b>Application</b>	Multi-Family
<b>Architects</b>	Passive Design Solutions
<b>Consultant</b>	Affordable Housing Association of Nova Scotia
<b>Photos</b>	Julian Parkinson
<b>Products</b>	HERO®



Riverside Living

### The Tides

<b>Region</b>	NB, Canada
<b>Completion</b>	2022
<b>Application</b>	Apartments
<b>Architects</b>	Fathom Studio
<b>HVAC Contractor</b>	Jonic Ventilation
<b>Photos</b>	Thrive Properties
<b>Products</b>	HERO®



Lake Views

### Soo Nipi House

<b>Region</b>	NH, USA
<b>Completion</b>	2017
<b>Application</b>	Private House
<b>Architects</b>	Marcus Gleysteen Architects
<b>Landscape Architects</b>	Pellettieri Associates
<b>Photos</b>	Marcus Gleysteen
<b>Products</b>	HERO®



Sustainable Living

### Lynden Powerhouse

<b>Region</b>	WA, USA
<b>Completion</b>	2024
<b>Application</b>	Multi-family
<b>Designer</b>	Powerhouse Designs
<b>Builder</b>	TC Legend Homes
<b>Photos</b>	TC Legend Homes
<b>Products</b>	HERO® + Makeup Air System, RVF Exterior Centrifugal Fan, RTS Push-button Controller



Tight Construction

### West Royalty Suites

<b>Region</b>	PE, Canada
<b>Completion</b>	2022
<b>Application</b>	Apartments
<b>Architects</b>	Lydon Lynch Architects
<b>General Contractor</b>	RCS Construction Inc.
<b>Photos</b>	Thrive Properties
<b>Products</b>	HERO® + ECO-Touch® IAQ, RTS Controller



Small Footprint

### Bay View House

<b>Region</b>	NS, Canada
<b>Completion</b>	2021
<b>Application</b>	Private House
<b>Architects</b>	Passive Design Solutions
<b>General Contractor</b>	Darrell Wentzell Carpentry Inc.
<b>Photos</b>	Jarrell Whisken
<b>Products</b>	HERO®



Showcased House

### New American Home

<b>Region</b>	NV, USA
<b>Completion</b>	2020
<b>Application</b>	Private House
<b>Builders</b>	Sun West Custom Homes
<b>Photos</b>	Jeffrey A. Davis Photography
<b>Products</b>	HERO® + DEDPV Dryer Exhaust



Largest PHIUS Home

### Project One

<b>Region</b>	UT, USA
<b>Completion</b>	2025
<b>Application</b>	Private House
<b>HVAC Contractor</b>	Central Valley Mechanical
<b>Builder</b>	Cross Construction
<b>Certification</b>	PHIUS Passive House
<b>Products</b>	HERO®

For more Fantech projects, take a look at our portfolio on

**archello**



Digital  
version?



**Customer Support:**

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