

HERO[®] & ATMO[™]

Fresh Air is Our Super Power



Performance that Earns the Cape

HERO® 100E

HERO 100E is a **top-port, ENERGY STAR® certified ERV** engineered to deliver quiet, efficient balanced ventilation in space-constrained residential projects. With airflow **up to 102 CFM** and sensible recovery efficiency up to 82%, it's ideal for single-family homes, town homes, or multi-family units where space is at a premium but indoor air quality can't be compromised.

Quiet, efficient, and designed for real-world installs, HERO 100E continuously removes stale air throughout the living space and replaces it with fresh, tempered air, helping to maintain balanced ventilation in both new construction and retrofit applications. Its recirculating defrost cycle ensures reliable operation in cold climates, while low energy use helps meet energy targets.

When space is limited but performance can't be, **HERO 100E delivers.**



What Does this Mean for You:



Enhanced Flexibility: The freeze-tolerant energy recovery core makes the HERO 100E ideal for any climate.



Powerful Performance: Up to 102 cfm with sensible recovery efficiency up to 82%



Streamlined Design: Smaller footprint, features contractor-friendly duct mounts and an external electrical box.



Enhanced IAQ Solutions: Meets HVI and CSA requirements, and is an ENERGY STAR® certified ERV.



Key Features of the ATMO & HERO



Energy Efficiency
up to 84% 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

A Closer Look

Our ATMO™ & HERO® heat and energy recovery (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.**

ATMO™

side-ported HRV/ERV

ISF REVOLUTIONARY COLLAR SYSTEM
manipulate duct by sliding the collar system

CROSSFLOW CORE
providing up to 75% 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

HERO®

top-ported HRV

PLASTIC COLLAR SHROUDS
with integrated backdraft prevention

COUNTERFLOW CORE
providing up to 84% 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 FILTER¹
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

¹ Adding a MERV 8 filter will impact performance and airflow

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.

IMPACT ON AIRFLOW

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

STATIC PRESSURE AWARENESS

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

TAILORED SOLUTIONS

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



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

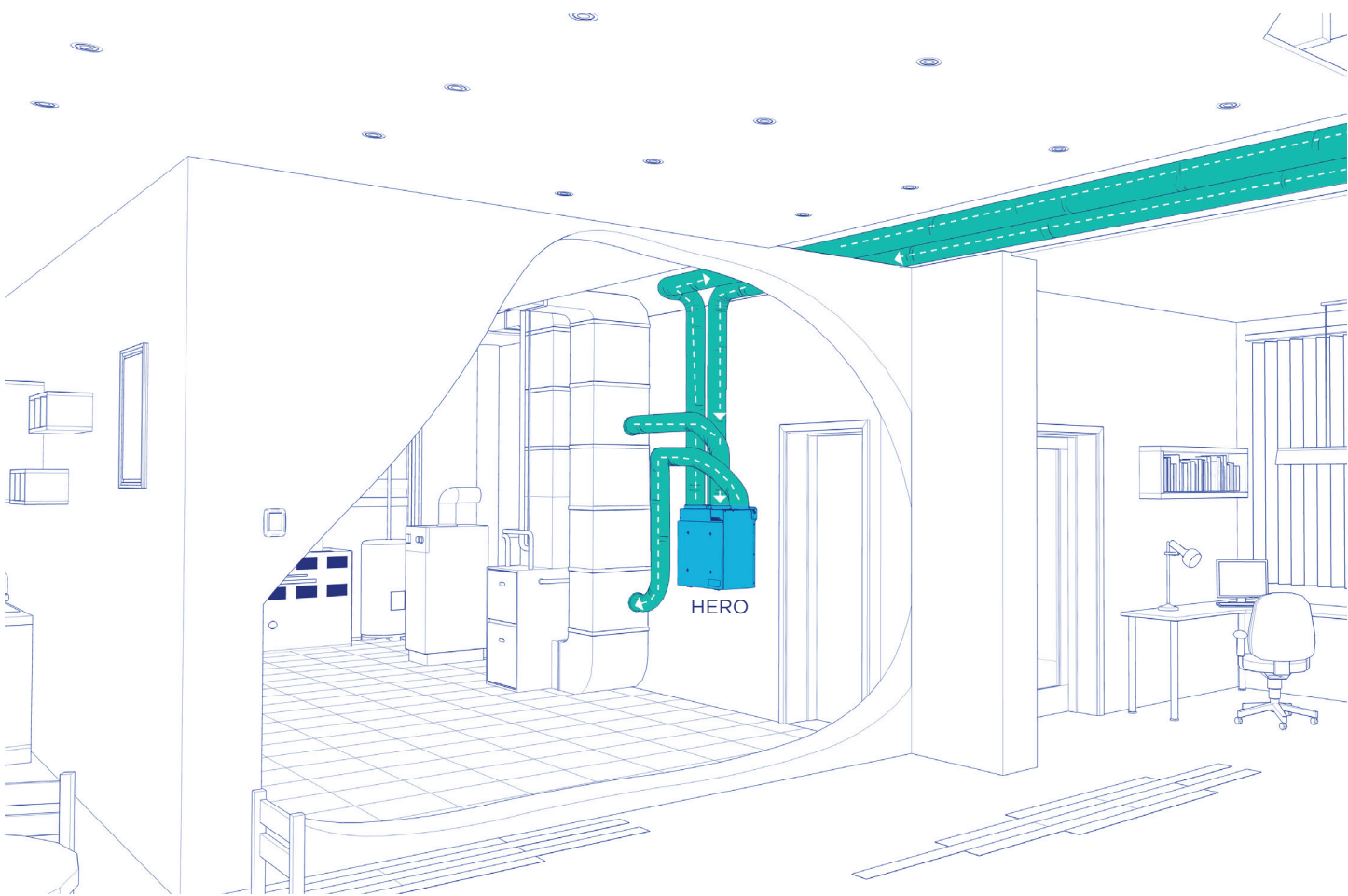
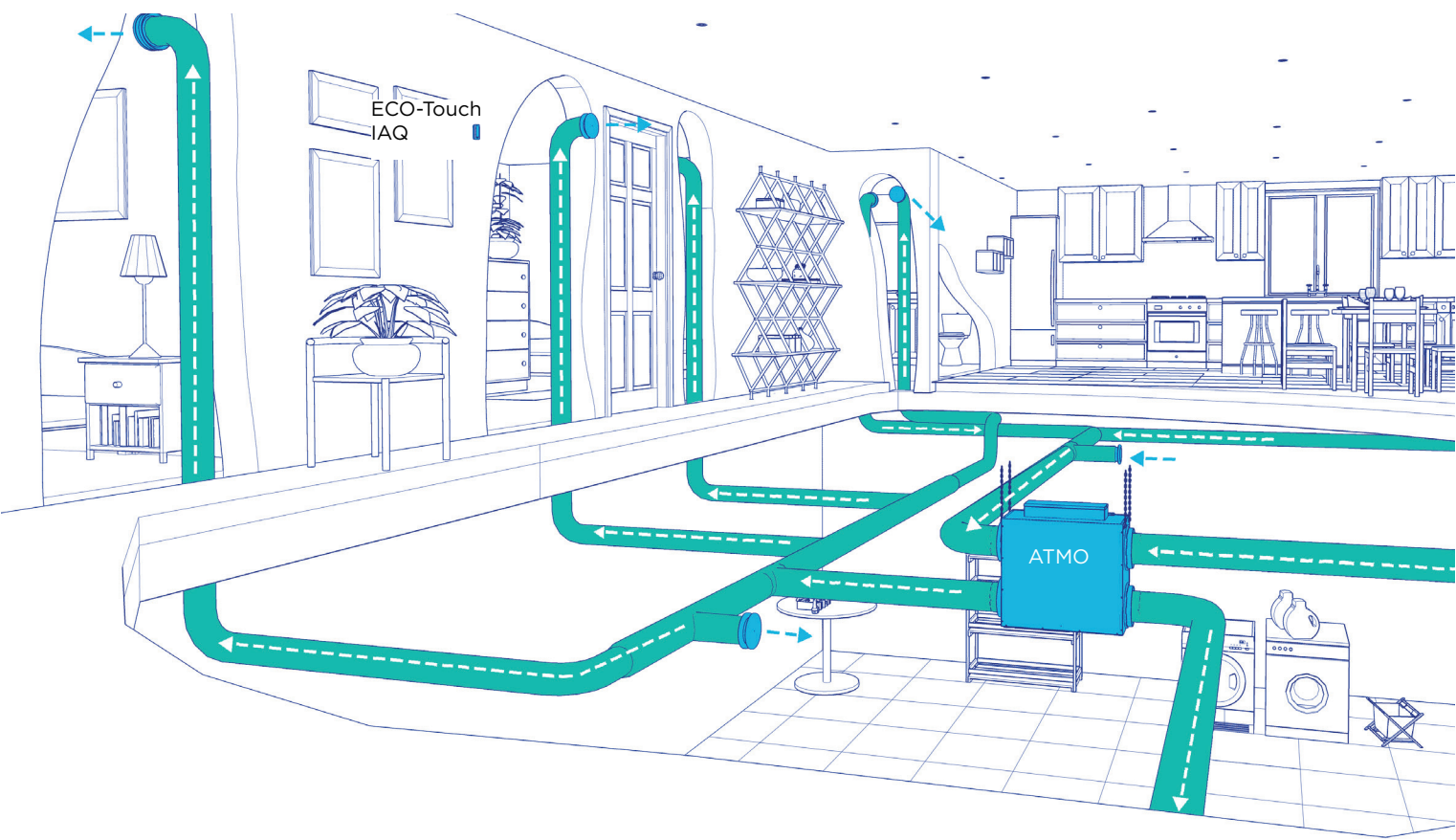


- Mold spores
- Dust mites
- Pet dander
- Debris (paper, fabrics)
- Large bacteria



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

Balanced Ventilation



Creating Healthy Indoor Air Quality



- ATMO HRV/ERV**
bring in fresh air, remove stale air;
air tempered by outgoing air
- Bathroom Exhaust**
wireless timer activates the fresh air
appliance 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.)



- HERO HRV/ERV**
bring in fresh air, remove stale air;
air tempered by outgoing air
- ECO-Touch IAQ**
increases ventilation based on TVOCs

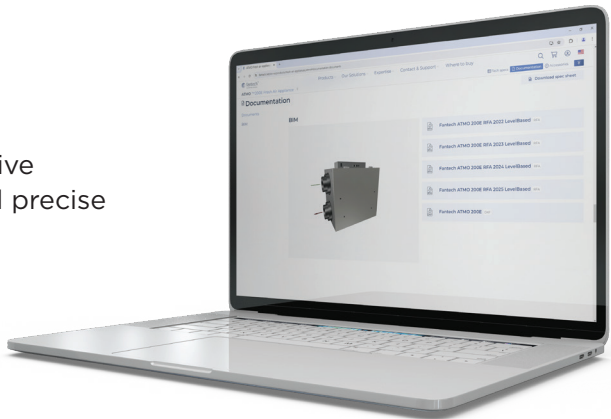
Product Line

ATMO™		ATMO 150H	ATMO 200H	ATMO 150E	ATMO 200E	ATMO 300E-EC
Airflow range (low-high)	cfm @ 0.4" wg.	60-150	60-200	60-150	60-200	130-300
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
¹ Adjusted Sensible Recovery @ 0°C/32°F	%	80	81	81	81	80
¹ Sensible Recovery Efficiency @ 0°C/32°F	%	74	75	75	75	77
¹ Sensible Recovery Efficiency @ -25°C/-13°F	%	60	60	60	60	63
¹ 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)

¹Performance at low speed.

Specifying Made Easy

Visit fantech.net to access detailed **BIM objects** and comprehensive **CSI specifications**, designed to support seamless integration and precise planning for your projects.



HERO®		HERO 100E	HERO 120H	HERO 150H	HERO 200H	HERO 150H-EC	HERO 250H-EC
Airflow range (low-high)	cfm @ 0.4" wg.	40-102	53-110	36-148	76-203	28-172	31-252
Duct connection	inch	5	5	6	6	6	6
Voltage / Phase	V / -	120/1	120/1	120/1	120/1	120/1	120/1
Connection type		Round	Round	Round	Round	Round	Round
Consumed power (Low / High speed)	W	42/91	69/165	59/180	98/210	23/110	34/260
Fan Efficacy @ 0°C/32°F	cfm/W	1.2	1.2	1.2	0.9	3.0	2.5
¹ Adjusted Sensible Recovery @ 0°C/32°F	%	88	85	86	88	86	85
¹ Sensible Recovery Efficiency @ 0°C/32°F	%	82	80	80	80	84	82
¹ Sensible Recovery Efficiency @ -25°C/-13°F	%	60	64	65	67	68	63
¹ Total Recovery Efficiency @ 35°C/95°F	%	70	-	-	-	-	-
Max current	A	1.0	1.2	1.4	2.0	3.0	6.4
Certification							
Defrost Cycle		Recirculation	Recirculation	Recirculation	Recirculation	Recirculation	Recirculation
Height	inch (mm)	24 1/4 (616)	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 (590)	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)	11 1/2 (291)	13 3/8 (341)	15 3/8 (391)	13 3/8 (341)	15 3/8 (391)
Weight	lbs (Kg)	47 (21)	41 (19)	51 (23)	59 (26)	51 (23)	57 (26)

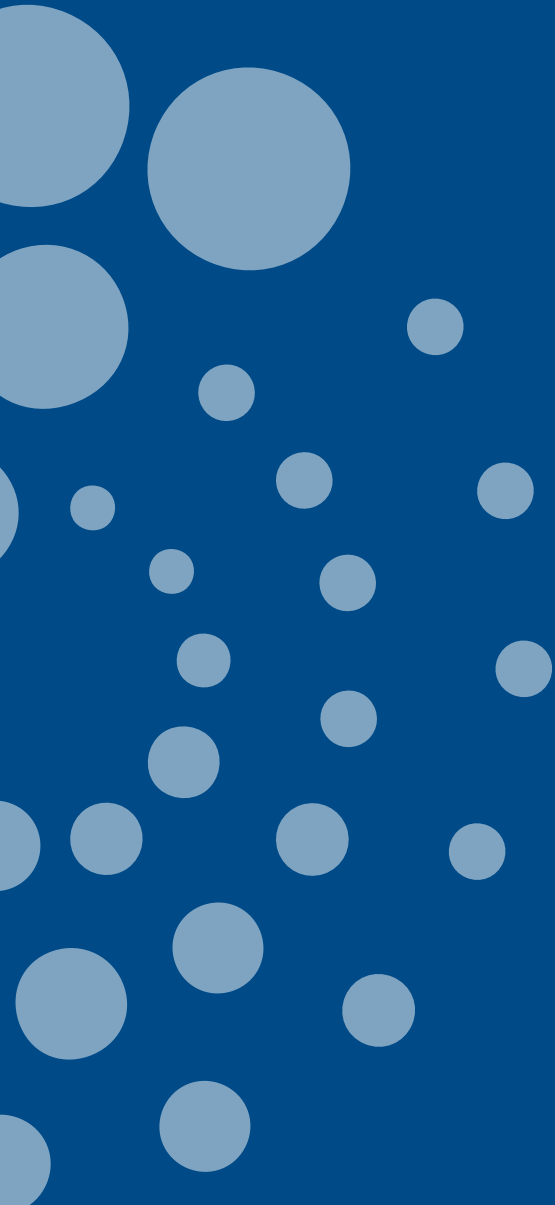
¹Performance at low speed.

SUPER CONTROLS

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

system performance.					TIMERS	
Model	 ECO-TOUCH® IAQ	 EDF8	 ECO-FEEL®	 EDF3	 RTS-W²	 RTS4
TVOC sensing	•		•			
Single Family Residential	•	•	•	•	•	•

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



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