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# FANTECH HERO-150-H Owner's Manual

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HERO-150-H](#)



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----- Manual continues below part list -----

## Available Replacement Parts for FANTECH HERO-150-H

[ECO-TOUCH-IAQ](#)

Touchscreen multi-function dehumidistat,

EVERY HOME NEEDS A

**HERO**



HERO SERIES  
**Fresh Air Appliance**



**fantech**<sup>®</sup>  
a systemair company

# HERO SERIES

by Fantech



The Fantech HERO Series is the most powerful partner in your fight against indoor air quality villains and engineered with powerful performance in mind. And boy did our engineers add a lot of power!

 **Efficiency Power**

Our completely re-engineered HRV delivers a minimum of 80% of sensible recovery efficiency (SRE) in every model.

 **Core Power**

At the heart of the unit stands the innovative counterflow flow core providing exceptional performance.

 **Maintenance Power**

Need to quickly reach internal components for maintenance? Easy peasy. All the parts easily slide out for easy access in a flash.

 **Economic Power**

A properly balanced fresh air appliance make your A/C & Heating units more efficient. Providing economic relief to your utilities budget.

EVERY HERO NEEDS A SIDEKICK IN THEIR FIGHT AGAINST GRIME. HERE ARE A FEW OF OURS:

 **Thermal Power**

At the heart of the unit stands the innovative counterflow flow core providing exceptional performance.

 **Installation Power**

Need to quickly reach internal components for maintenance? Easy peasy. All the parts easily slide out for easy access in a flash.

 **Whisper Power**

A properly balanced fresh air appliance make your A/C & Heating units more efficient. Providing economic relief to your utilities budget.

# NEW POWERFUL FEATURES

**PLASTIC COLLAR SHROUDS**  
with integrated backdraft prevention.



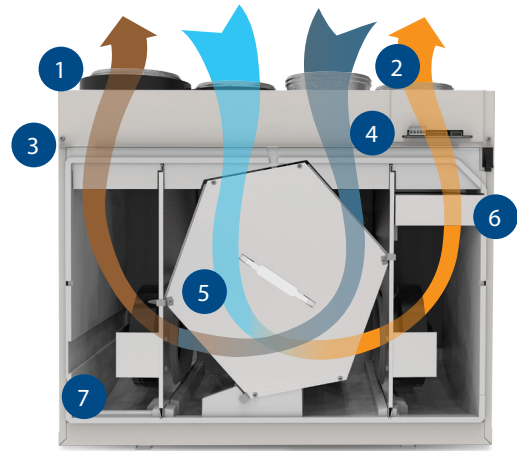
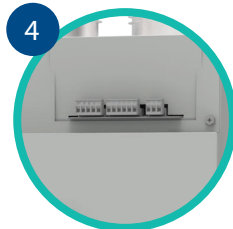
**ROUND METAL COLLARS**  
with rubberized duct seals.



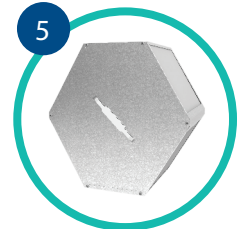
**WALL MOUNT SYSTEM**  
with optional ceiling chain mount.



**ELECTRICAL BOX**  
external access with easy connectors.



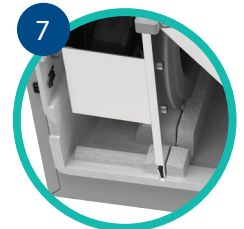
**INNOVATIVE COUNTERFLOW CORE**  
providing a minimum 80% of energy transfer



**INTEGRATED MERV-8 FILTER**  
for cleaner air in your entire home environment.



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



## A HEALTHIER HOME

Your airtight home is designed for energy efficiency by keeping the outdoor weather conditions out. But it's also keeping unhealthy and harmful elements in.

In fact, the air you breathe in your home can be up to 70% more polluted than outdoor air. Now consider that you spend most of your time indoors.

A Fresh Air appliance can ventilate your entire home with fresh outdoor air up to 20 times per day while recovering 80% of the energy in the process.



### COMBUSTION SOURCES

Gas & Oil  
Kerosene  
Wood Stoves  
Fireplaces  
Tobacco Smoke



### OTHER SOURCES

Pet Dander  
Dust Mites  
Mold  
Virus



### CHEMICAL PRODUCTS

Cleaning Products  
Glues Pastes  
Personal Care Products

### OUTDOOR SOURCES

Radon  
Pesticides  
Pollen  
Outdoor Air Pollution



### BUILDING MATERIALS

Insulation  
Paint & Wood Finishes  
Carpet  
Pressed Wood Product

WHEN YOUR HOME IS NOT PROPERLY VENTILATED, YOU ARE SURROUNDED BY INDOOR AIR POLLUTANTS

# EVERY HERO NEEDS A SIDEKICK TO HELP WITH THE FIGHT FOR INDOOR AIR QUALITY

## Filtration Sidekicks

For that extra BOOST of filtration power, the HERO series can rely on the variety of optional Filter sidekicks.

Sizing your HERO unit with filters may affect the airflow, please consider added static pressure when determining desired airflow. Filter type will vary in static pressure.



## BALANCING SIDEKICK



The Fantech team created unique balancing kit. They thought of everything...

- Eco-Touch control
- Manometer
- Tubing

Just need to plug and balance!

# HERO SERIES PRODUCT LINE



HEAT RECOVERY MODEL	HERO 120H	HERO 150H	HERO 200H	HERO 150H-EC	HERO 250H-EC
Average airflow (cfm (L/s) @ 0.4" in.wg.)	119 (56)*	161 (76)	218 (103)	176 (83)	263 (124)
Voltage / Phase (V/~)	120/1	120/1	120/1	120/1	120/1
Duct connection size (in (mm))	5 (127)	6 (152)	6 (152)	6 (152)	6 (152)
Rated power (W)	165	180	210	110	230
Max sensible recovery efficiency	80	80	80	82	82
Max current (A)	1.2	1.4	2.0	3.0	6.4
Defrost cycle	Recirculation	Recirculation	Recirculation	Recirculation	Recirculation
Height (in (mm))	24 1/4 (616)	24 7/8 (632)	24 7/8 (632)	24 7/8 (632)	24 7/8 (632)
Depth (in (mm))	11 1/2 (292)	13 3/8 (340)	15 3/8 (391)	13 3/8 (340)	15 3/8 (391)
Width (in (mm))	23 1/4 (591)	27 7/8 (708)	27 7/8 (708)	27 7/8 (708)	27 7/8 (708)
Shipping weight (Kg (lbs))	21.3 (47)	26.6 (59)	28.8 (64)	26.5 (58)	28.2 (62)

\*Average airflow (@0.3 in.wg.)

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