

HERO 120H Fresh Air Appliance

Item #: 99400

Variant : 120V 1~ 60Hz



Description

- Up to 118 cfm of fresh air
- Integrated MERV8 fresh air filter
- 5" top-mounted duct connections
- Unobstructed front access
- Energy-efficient counter flow core
- Multiple speed operation

While natural infiltration of fresh air thru gaps and cracks in the building envelope offers a certain amount of fresh air, with most new homes this amount of air just is not sufficient. Properly sealed homes require mechanical ventilation to remove excess moisture, odors, and contaminants while providing fresh air for occupants and enhancing comfort.

HERO 120H fresh air appliance provides a controlled way of ventilating a home....

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

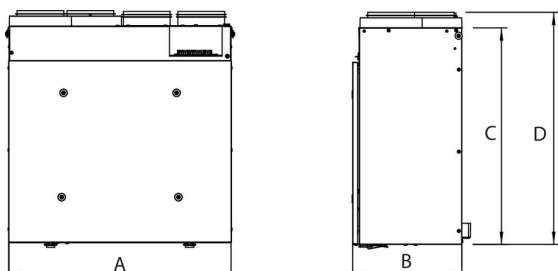
Technical parameters

Product		
Voltage (nominal)	120	V
Frequency	60	Hz
Phase(s)	1~	
Input power	165	W
Input current	1.2	A
Air flow	max 119	cfm
Static pressure	0.3	in.wg
Certificate	CSA, HVI, ENERGY STAR	
Exchanger		
Exchanger type	Heat recovery (aluminium)	
Dimensions and weights		
Weight	41.4	lb
Used for		
Installation placement	Vertical	

Performances

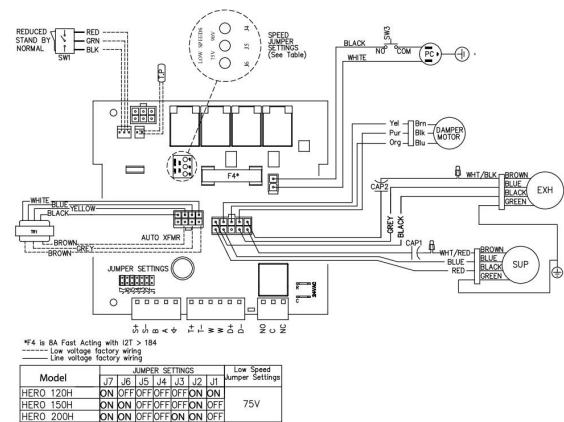
Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Adjusted sensible recovery efficiency	Latent recovery / moisture transfer	Apparent sensible effectiveness
°F (°C)	cfm (L/s)	W	%	%		%
Heating 32 (0)	70 (33)	60	80	86	0.01	89
	100 (47)	105	75	83	0.01	85
	117 (55)	160	70	79	0.02	81
Cooling -13 (-25)	100 (32)	100	63	67	0.05	95

Dimensions

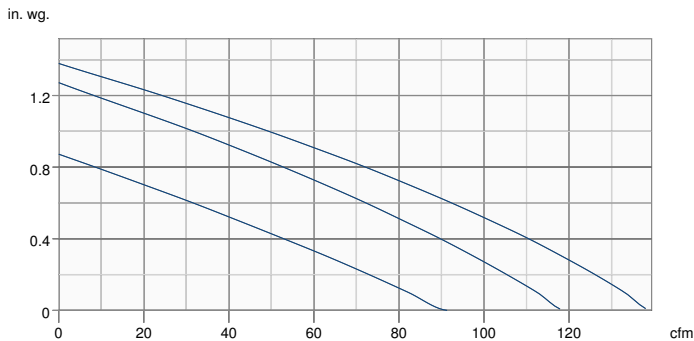


Model	A	B	C	D	Duct Size
HERO 120H	23 1/4 (590)	11 1/2 (291)	22 5/8 (575)	24 1/4 (616)	5 (127)
HERO 150H	27 7/8 (707)	13 3/8 (341)	23 (285)	24 7/8 (626)	6 (152)
HERO 200H	27 7/8 (707)	15 3/8 (391)	23 (285)	24 7/8 (626)	6 (152)
HERO 150H-EC	27 7/8 (707)	13 3/8 (341)	23 (285)	24 7/8 (626)	6 (152)
HERO 250H-EC	27 7/8 (707)	15 3/8 (391)	23 (285)	24 7/8 (626)	6 (152)
Dimensions in inches (mm).					

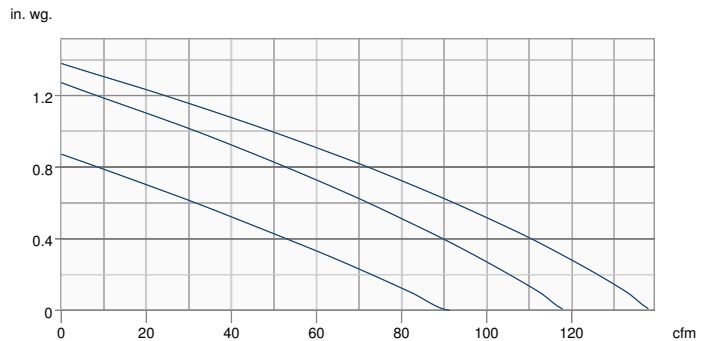
Wiring



Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Required air flow	-	-
Working air flow	-	-
Required external pressure	-	-
Working air pressure	-	-
Power	-	-
Current	-	-
Air density	0.075 lb/ft³	
Fan control - RPM	-	-

Accessories

CO2RT-R Transmitter (99315)
 Contractor Commissioning Kit (463311)
 ECO-Touch® IAQ (414727)
 Filter, MERV8, HERO120H, Repl.kit (428525)
 MGS 5 Metal Supply Grill (411369)

COM5P Supply and Exhaust Hoods (40223)
 ECO-Feel (414729)
 FIDT 5 Insulated Flex Duct (411062)
 MGE 5 Metal Exhaust Grill (411370)

Documents

444775 HERO 120H SPEC SHEET EN.PDF
E1934 HERO BROCHURE EN.PDF
E400060 HERO 120H DIMENSIONAL SUBMITTAL.PDF
428486 HERO Installation Manual EN FR.pdf
HERO SERIES SERVICE MANUAL.PDF
HERO 120H Dimensional drawings.dxf