

ATMO Fresh air appliances

HRV/ERV for balanced ventilation in single-family homes

The ATMO residential HRVs and ERVs (heat and energy recovery ventilators) improve indoor air quality (IAQ) and help lower the project's HERS score.

- **Heat & Energy Recovery Ventilators (HRVs/ERVs)**
- Airflows* up to 300 cfm at 0.4" w.g.
- 6" duct connection (all models)
- Plastic duct collars
- Optional MERV8 or MERV13 filters
- Integrated balancing taps for commissioning
- Unobstructed front access for fast & easy maintenance
- Energy-efficient cross-flow core with SRE* up to 77% (0C/32F)
- Helps improve the home's HERS score towards a NetZero status and lowers energy costs
- Mounting bracket (p/n **463942**) is sold separately
- May be installed for drainless applications (ATMO-E)
- Certifications: CSA, HVI, ENERGY STAR (except for ATMO 150H)
- Limited warranty (limited lifetime on crossflow core, 7 years on motors, and 5 years on parts)
- *For airflow and SRE details on specific models, see the Diagram and Performance sections on this page

Find more details in our online catalogue

Energy Efficiency

Recovers up to 75% 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.

Balanced ventilation

ATMO™ appliances supply fresh, tempered air into indoor spaces while removing excess moisture, ensuring a healthy, comfortable living environment.

Easy Installation & Maintenance

ATMO™ appliances feature easy-connect ports and balancing taps to simplify installation and commissioning. Unobstructed front access allows for quick cleaning and easy maintenance.

ENERGY STAR® Certified

These appliances (except for ATMO 150H) have been designed to meet the latest and most stringent ENERGY STAR® requirements, making them even more dependable, efficient, and simple to install.

Certifications

Energy Star

Independently certified to meet strict standards for energy efficiency set by the United States Environmental Protection Agency (US EPA) and Department of Energy (DoE).

CSA Mark

This product has been rigorously tested to applicable standards written or administered by the ANSI, UL, CSA, NSF, and other North American and global organisations.

HVI Certified

HVI certification is a voluntary third-party certification programme to verify performance of residential ventilation products, in accordance with HVI/ANSI consensus test standards. Visit the HVI-Certified Products Directory to learn more https://www.hvi.org/hvi-certified-products-directory/

In the Box

This appliance comes with a hanging chain, 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	168	W
Input current	1.4	A
Air flow	161	cfm
Certificate	CSA, HVI, ENERGY STAR	

Exchanger		
Recovery type	Cross flow	

Dimensions and weights		
Weight	50.7	lb

Used for		
Installation type	Horizontal	

Performances

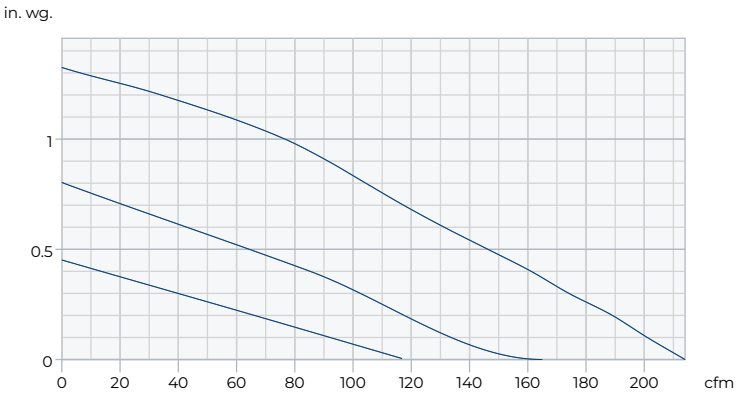
	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Ajusted sensible recovery efficiency	Latent recovery / moisture transfer
Heating	°F (°C)	cfm (L/s)	W	%	%	%
	32 (0)	64 (30)	52	75	81	58
	32 (0)	148 (70)	104	67	72	45
	-13 (-25)	64 (30)	53	60	62	47
	Supply temperature	Net airflow	Consumed power	Total recovery efficiency	Adjusted total recovery efficiency	Latent recovery / moisture transfer
Cooling	°F (°C)	cfm (L/s)	W	%	%	%
	95 (35)	64 (30)	52	60	63	60
	95 (35)	146 (69)	106	55	58	50

Performance

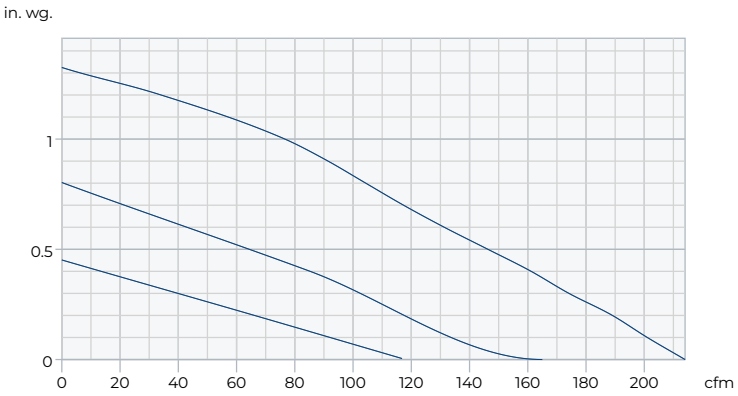
⚠ Recommended low airflow is outside valid range

⚠ Recommended high airflow is outside valid range

Supply - Performance curve

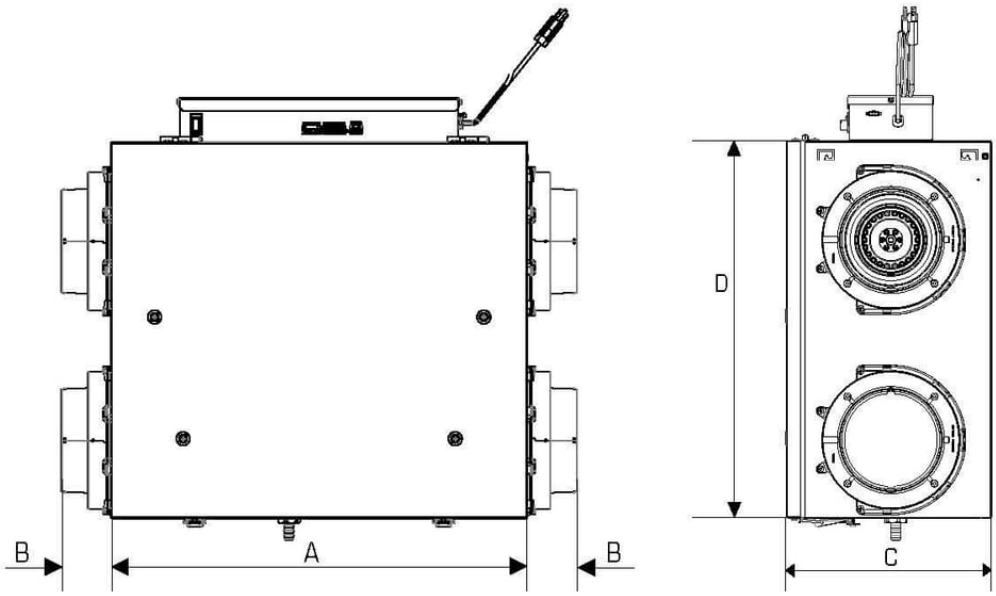


Extract - Performance curve



Unit	Supply	Extract
Air density	0.075 lb/ft³	

Dimensions



Model	A	B	C	D	Duct Size
ATMO 150H	23 7/8 (606)	29 1/2 (750)	11 11/16 (297)	21 7/16	6 (152)
ATMO 200H	23 7/8 (606)	29 1/2 (750)	16 5/8 (423)	21 7/16	6 (152)
ATMO 150E	23 7/8 (606)	29 1/2 (750)	11 11/16 (297)	21 7/16	6 (152)
ATMO 200E	23 7/8 (606)	29 1/2 (750)	16 5/8 (423)	21 7/16	6 (152)

Dimensions in inches (mm)

AHU Acceessories

- Contractor Commissioning Kit (463311)
- ECO-Feel ® Auto IAQ control (414729)
- COM6P Supply and Exhaust Hoods (40222)
- MGS 4 Metal Supply Grill (411368)
- RTS5 Push-button timer (44794)
- MGE 6 Metal Exhaust Grill (411371)
- MGS 6 Metal Supply Grill (411242)
- RTS4 Push-button timer (415516)
- FID Module, Rough-in Kit (463988)
- Filter,MERV13,ATMO150,Repl.kit (463944)
- ECO-Touch ® Auto IAQ control (414727)
- RTS-W Wireless timer (414920)
- FIDT 6 Insulated Flex Duct (411064)
- ADC 6 Shut-off Damper w Motor (44967)
- RTS2 Push-button timer (40164)
- MGE 4 Metal Exhaust Grill (411106)
- Repl Wall Bracket, 24" (463942)
- FID Display, Trim Kit (464000)
- Filter,MERV8,Xflow,150cfm (463943)
- Filter,MERV3,Xflow,150cfm (463939)

Documents

- E1994_FAA_SELECTION_RESIDENTIAL.PDF
- CSI Specification - ATMO E Series
- E400094__ATMO_150H-150E_DIMENSIONAL_SUBMITTAL.PDF
- E2014 Replacement Filters EN
- 463913 ATMO IOM EN FR.pdf
- 463953 ATMO 150E Spec Sheet EN.pdf