



ERV for balanced ventilation in multi-family homes

- **Energy Recovery Ventilator (ERV)**
- Airflow up to 129 cfm @ 0.4" w.g
- 4" duct connection (FIT 70E)
- 5" duct connection (all FIT 120E models)
- Compact light-weight design with 10" installed depth
- Mechanical shut-off damper (-D version of select FIT 120E models)
- ENERGY STAR Certified (-EC version of select FIT 120E models)
- Streamline installation with mirrored versions for mirrored floor plans (-M version)
- Hardwired (hard-connect) for direct connection to the home electrical mains (-HC version)

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

Technical parameters

Product	
Voltage (nominal)	120 V
Phases	1~
Input power	120 W
Input current	1 A
Air flow	127 cfm
Certificate	CSA, HVI
Exchanger	
Heat exchanger	Energy recovery
Dimensions and weights	
Weight	32.6 lb
Used for	
Installation type	False ceiling

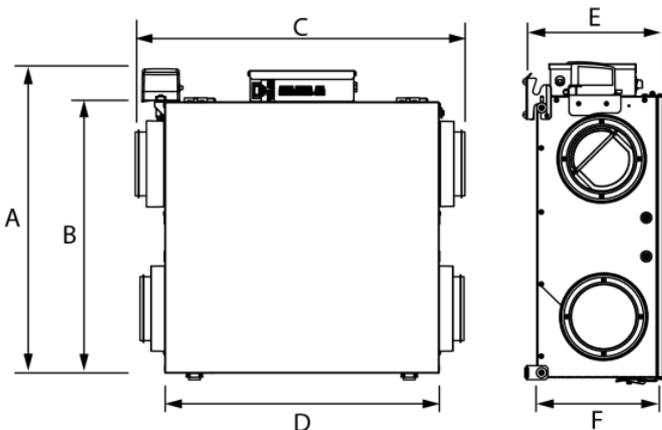
Performances

	Supply temperature	Net airflow	Consumed power	Sensible recovery efficiency	Adjusted sensible recovery efficiency	Latent recovery/moisture transfer
	°F(°C)	cfm (L/s)	W	%	%	%
Heating	32 (0)	51 (24)	55	74	81	76
	32 (0)	68 (32)	63	69	75	71
	32 (0)	131 (62)	104	64	69	60
	-13 (-25)	51 (24)	55	61	63	54
	Supply temperature	Net airflow	Consumed power	Total recovery efficiency	Adjusted total recovery efficiency	Latent recovery / moisture transfer
	°F(°C)	cfm (L/s)	W	%	%	%
Cooling	95 (35)	51 (24)	55	64	68	68

Dimensions

A	B	C	D	E	F	Duct size
23 5/32 (588)	20 3/4 (527)	25 1/16 (636)	20 27/32 (529)	10 (254)	9 1/4 (235)	5 (125)

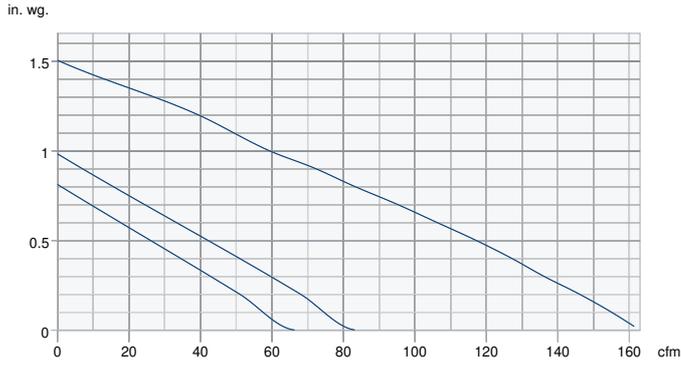
Dimensions in inches (mm).



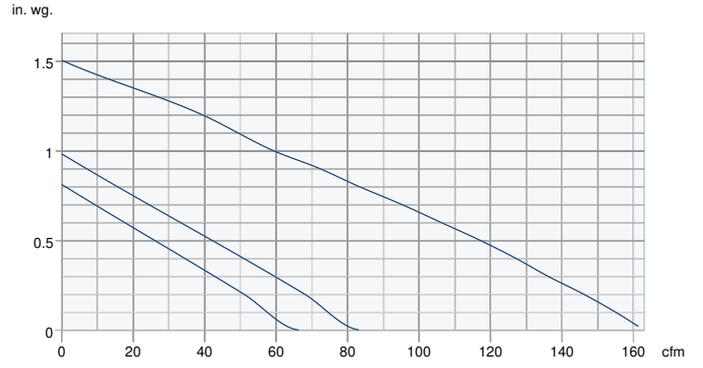
Recommended low airflow is outside valid range

Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



Accessories

ECO-Feel® Auto IAQ control (414729)

MATRIX 6", 2 in 1 Vent Hood (413640)

MGS 5 Metal Supply Grill (411369)

RTS5 Push-button timer (44794)

Filter, MERV13, Xflow, FIT120E (461675)

RTS4 Push-button timer (415516)

FIDT 5 Insulated Flex Duct (411062)

MGE 5 Metal Exhaust Grill (411370)

RTS2 Push-button timer (40164)

EDF3 Electronic control (415515)

Filter, MERV8, Xflow, FIT120E (461674)

Documents

E1993_FIT_SERIES_BROCHURE_EN.PDF

445657 FIT 120E IOM EN FR

FIT 120E-D Spec Sheet

E400097_FIT_120E-D_-_120E-D-EC_DIMENSIONAL_SUBMITTAL.PDF

464940 FIT 120E-D Submittal Sheet EN

CSI_SPEC_FIT_120E_SERIES_-_ERV.ZIP