



Technical Bulletin - FIT 80E IS REPLACING FIT 70E

To: Sales Channel Partners

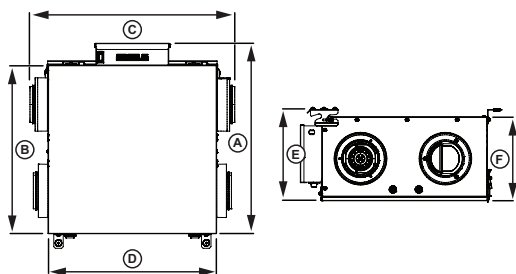
We are pleased to announce an important update regarding our FIT Series of Energy Recovery Ventilators (ERVs). As part of our ongoing efforts to enhance our offerings, we will be phasing out the FIT 70E model by March-April 2025. In its place, we are introducing the new FIT 80E model, which features improved efficiency and enhanced performance.

The FIT 80E will be available in both mirrored and hard connect versions, featuring several significant enhancements over the FIT 70E:

- **Improved Total Recovery Efficiency:** Delivers enhanced performance for better energy savings operating @ 35°C/95°F (FIT 80E 50%; FIT 70E 40%).
- **High Fan Efficacy (CFM/W):** FIT 80E, with an efficacy rating of 1.5 cfm/W, will continue to ensure compliance in markets with stringent energy requirements.
- **Compact and Streamlined Cabinet Design:** Facilitates easier installation and saves valuable space with this smaller cubic footprint.
- **Increased Airflow Capacity:** Capable of delivering up to 80 CFM at 0.4" w.g. over 70 CFM at 0.4" w.g.
- **Upgraded One-Piece Foam Construction:** Ensures greater durability and improved performance offering more rigidity and less chance of air leakage.

Model	Model #	Description
FIT 80E	463408	Standard ERV (base model)
FIT 80E-M	479401	Mirrored ERV
FIT 80E-HC	479402	Hard-Connected ERV
FIT 80E-M-HC	479403	Mirrored, Hard-Connect ERV
FIT 80E-D	479404	ERV with Damper
FIT 80E-D-M	479405	Mirrored ERV with Damper
FIT 80E-D-HC	479406	Hard-Connect ERV with Damper
FIT 80E-D-M-HC	479407	Mirrored, Hard-Connect ERV with Damper

Compare the compact dimensions of the FIT 70E and the FIT 80E, as the FIT 80E will step in to deliver enhanced performance while maintaining a similar footprint.



Model	A	B	C	D	E	F
FIT 70E	21 1/2 (546)	18 1/2 (470)	17 1/4 (438)	19 5/8 (498)	9 3/4 (248)	10 3/8 (264)
FIT 80E	21 7/8 (556)	18 1/3 (463)	18 3/16 (462)	20 5/8 (523)	9 1/4 (235)	10 (255)

inches (mm)

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The following table highlights the technical performance differences between the FIT 70E and the FIT 80E, showcasing the advancements introduced with the FIT 80E.

	FIT 70E	FIT 80E
Airflow (CFM @ 0.4" w.g.)	70	78
Duct connection (inch)	4	4
Voltage/Phase (V/~)	120/1	120/1
Connection type	Round	Round
Fan Efficacy @ 0°C/32°F	1.3	1.5
Adjusted Sensible Recovery Efficiency @ 0°C/32°F	75%	75%
Sensible Recovery Efficiency @ 0°C/32°F	70%	70%
Sensible Recovery Efficiency @ -25°C/-13°F	34%	55%
Total Recovery Efficiency @ 35°C/95°F	40%	50%
Defrost cycle	Fan Shutdown	Fan Shutdown
Volume (cubic feet)	1.8	1.8
Mechanical Shutoff	-	D-Version
Drainless	Yes	Yes
Airflow Balancing	-	Yes
Optional MERV13 Filter	Yes	Yes

Our team is ready to support you through this transition. We are confident that the FIT 80E will provide superior performance and reliability.

If you have any questions or need further clarification, please feel free to reach out to me or your regional sales manager. Learn more about our [FIT Series](#).

Sincerely,



Amir Refaat
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