fantech®
a systemair company

FIT SERIES

The Fresh Air Appliance Designed to FIT

FITS? YOU BET!

Efficient ventilation in tight spaces

The FIT® Series: Perfect for condos, apartments, and homes without a mechanical room. It's slim, no-drain, and quick to install. Plus, easy maintenance with slide-out components and quick access latches.

- False ceiling applications
- Superior performance
- Energy recovery core
- No drain required
- Ceiling bracket included
- Easy mounting
- Removable quick connect terminals
- Easy & convenient electrical connection
- Quiet operation

What's in the name?

Packed with information, our naming structure is quite easy once you break it down:

FIT	120	E	- D	- EC	- M	- HC
Name	CFM cfm @ 0.4" P_s	Energy Recovery Ventilator	Shutoff Damper	ECM Motor	Mirrored	Hard Connect

Breakdown of the product line

FIT 70E

- Up to 70cfm
- Light-weight, 29 lbs.
- 4" side-duct connection

NEW

FIT 120E
FIT 120E-M
FIT 12-E-HC
FIT 120E-M-HC

- Up to 127cfm
- Light-weight, 34 lbs.
- 5" side-duct connection
- Standard/mirrored versions
- Hard connect option

NEW

FIT 120E-D
FIT 120E-D-M
FIT 120E-D-HC
FIT 120E-D-M-HC

- Up to 127cfm
- Light-weight, 35 lbs.
- 5" side-duct connection
- Integrated shutoff damper
- Standard/mirrored versions
- Hard connect option

NEW

FIT 120E-D-EC
FIT 120E-D-EC-M
FIT 120E-D-EC-HC
FIT 120E-D-EC-M-HC

- Up to 129 cfm
- Light-weight, 35 lbs.
- 5" side-duct connection
- Integrated shutoff damper
- With ECM fans
- Standard/mirrored versions
- Hard connect option

ECO-Feel®

Auto IAQ Control

Multi-function controller with a Total Volatile Organic Compound (TVOC) sensor that allows the FIT Series to operate around resident's needs.

- Optimizes performance (IAQ, RH and temperature)
- Ventilation at RH level of 45%
- 20 minutes ON/40 minutes OFF per hour (low speed)
- VOC spike results in ventilation rate increase
- Screenless design
- Ideal for multi-family residential projects

FIT® SERIES
PRODUCT LINE

Model		FIT® 70E	FIT® 120E FIT 120E-M FIT® 120E-HC FIT 120E-M-HC	FIT® 120E-D FIT 120E-D-M FIT® 120E-D-HC FIT 120E-D-M-HC	FIT® 120E-D-EC FIT 120-D-EC-M FIT® 120E-D-EC-HC FIT 120-D-EC-M-HC
Easy to specify BIM objects & CSI specs available on product page					
Airflow range (Low / High speed)	cfm @ 0.4" P_s	35-70	40-127	40-127	40-129
Duct connection	inch	4	5	5	5
Voltage / Phase	V / ~	120/1	120/1	120/1	120/1
Duct type		Round	Round	Round	Round
Consumed power (Low / High speed)	W	40/58	45/120	45/120	23/147
Fan Efficacy @ 0˚C/32˚F	cfm/W	1.3	1.1	1.1	2.2
[1]Apparent Sensible Recovery Efficiency @ 0˚C/32˚F	%	78	81	81	80
[1]Sensible Recovery Efficiency @ 0˚C/32˚F	%	70	74	74	77
[1]Sensible Recovery Efficacy @-25˚C/-13˚F	%	34	61	61	61
[1]Total Recovery Efficiency @ 35˚C/95˚F	%	40	64	64	70
Max current	A	0.6	1.4	1.4	3
Defrost cycle		Fan Shutdown	Fan Shutdown	Fan Shutdown	Fan Shutdown
Meets ENERGY STAR® Requirements		-	-	-	Yes
Depth	inch (mm)	19 5/8 (498)	23 5/32 (588)	23 5/32 (588)	23 5/32 (588)
Width	inch (mm)	21 1/2 (546)	24 5/8 (625)	25 1/16 (636)	25 1/16 (636)
Height	inch (mm)	10 3/8 (264)	10 (254)	10 (254)	10 (254)
Weight	lbs (Kg)	29 (13)	34 (15)	35 (16)	35 (16)

[1]Performance at low speed.

1

SLIM PROFILE

The compact design allows for clean installation in tight spaces with minimal footprint.

2

NO DRAIN

The **FIT Series** doesn't require a drain line in order for a quicker, simplified installation.

3

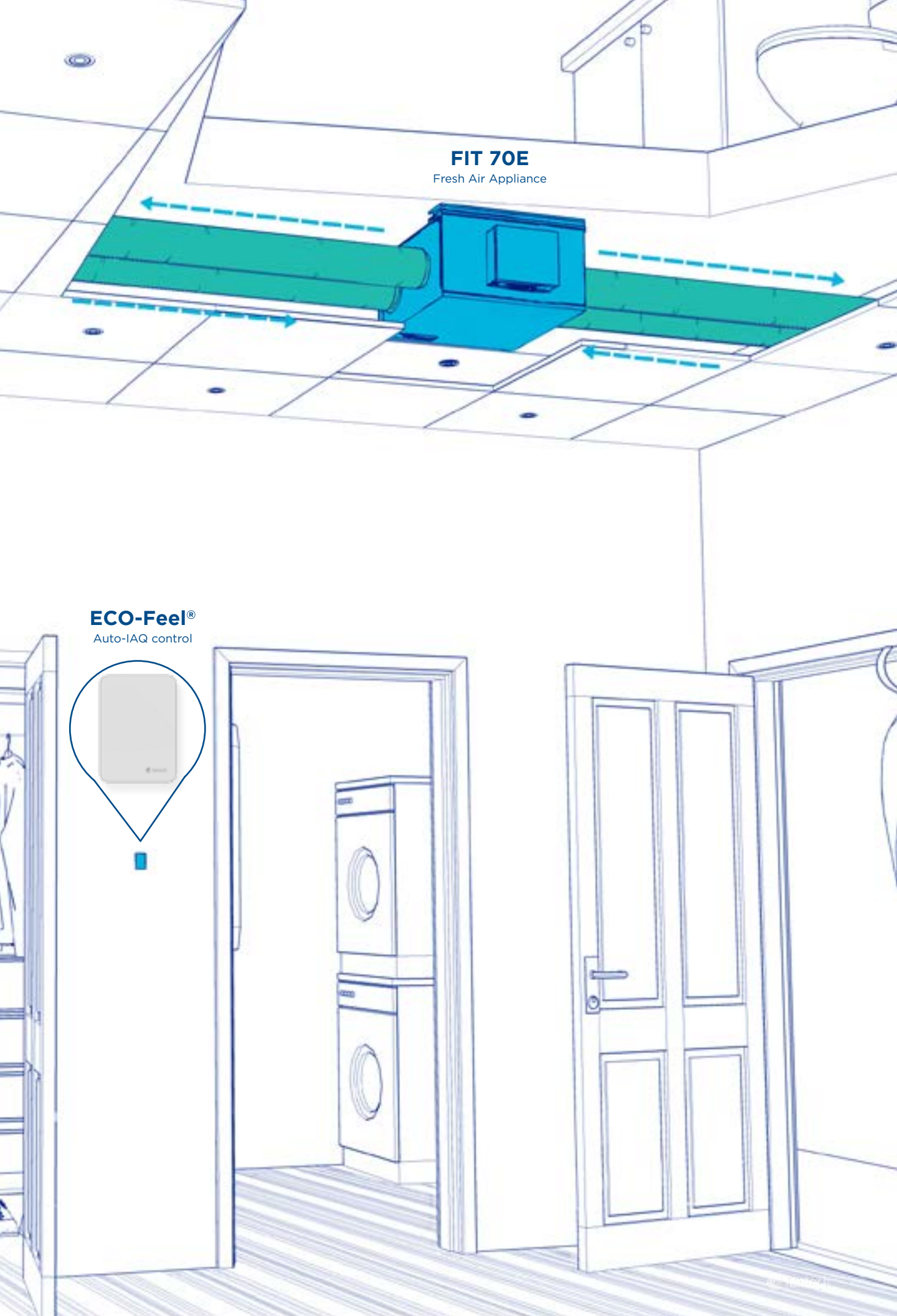
THOUGHTFUL INSTALLATION

The ceiling bracket allows for easy mounting. Rubber gaskets on collars provide an airtight seal, ensuring no air leakage.

4

ACCESSIBLE ELECTRICAL BOX

External electrical box simplifies field wiring.


FIT 70E
Fresh Air Appliance
ECO-Feel®
Auto-IAQ control

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