

ECO-Touch® Auto IAQ

TVOC Sensing Wall Control

Product #: 414727



Technologically advanced and feature-rich; the ECO-Touch® Auto IAQ provides homeowners with a higher level of control over their indoor air quality. To operate your Fresh Air Appliance (FAA) properly, choose between the manual mode or our automatic "ECO" mode.

Features

- Dedicated Total Volatile Organic Compound (TVOC) Sensor and Indoor Relative Humidity (RH) sensor.
- ECO Mode
- 3 possible ventilation modes: Ventilation, Recirculation, Standby/Off
- Preferences for desired indoor relative humidity range
- Multi-segment, LCD touch screen
- Light intensity sensor to display time of day
- Ventilation movement is displayed on screen
- Indoor relative humidity display
- No battery to replace
- Filter maintenance reminder indicator
- All programmable settings are retained during power outages
- Error code messages reduce troubleshooting time
- Day and Night setting for ECO Mode
- Limited 2 year warranty

Specifications

- Touch Screen Dimensions: 2 in. x 3 in. (5cm x 7.5cm)
- External Dimensions: 3-¹⁹/₆₄ in. x 4-¹⁹/₃₂ in. x ⁵³/₆₄ in. (84mm x 117mm x 21mm)
- Backlight Color: Blue
- Communication: RS-485 Modbus
- Power: 12Vdc
- Connector: 4 wire screw terminal up to 18 AWG

Manual Mode

Offers 5 speeds to choose from:

- Low speed 20 minutes per hour
- Low speed 40 minutes per hour
- Low speed continuous
- Medium speed continuous
- High speed continuous

ECO Mode

With just one touch, the unique ECO Mode will reference your preferred daytime and night time settings to automatically choose the best operating mode based on your home's current conditions. By sensing indoor Relative Humidity (RH) and outdoor incoming temperature, the control will find the right balance between good air quality and lower energy consumption.

TVOC Sensing

This control uses a dedicated Total Volatile Organic Compound (TVOC) sensor to make sure there is extra ventilation when you need it the most, such as during cooking, cleaning, and large family gatherings. The sensor automatically takes account of the total amount of Volatile Organic Compounds in a space and adjusts the ventilation of the Fresh Air Appliance accordingly.

MAX Mode

Gives you the extra ventilating power you need to quickly clear the air by taking advantage of the system's powerful fans temporarily for 20, 40, or 60 minutes at the maximum ventilation rate.

Sensor accuracy

Displayed RH depends on the room air movement.

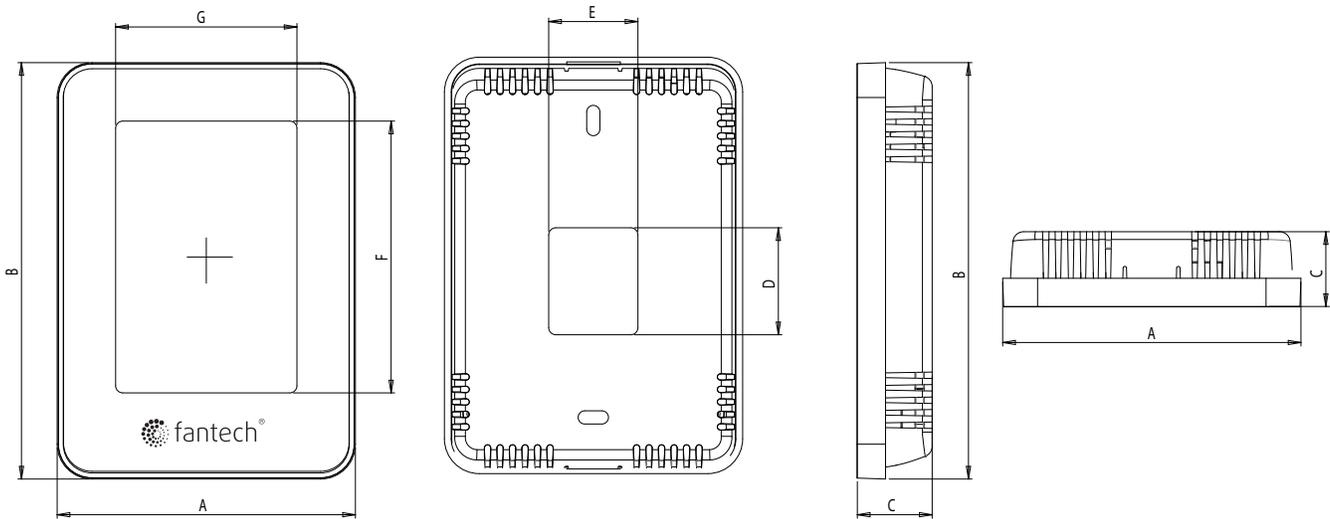
Plastics

Smooth matte surface finish

Backplate

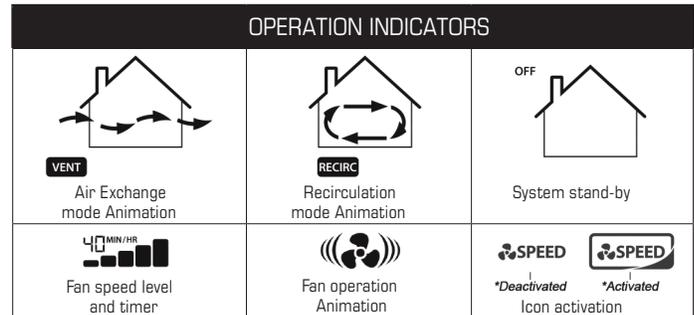
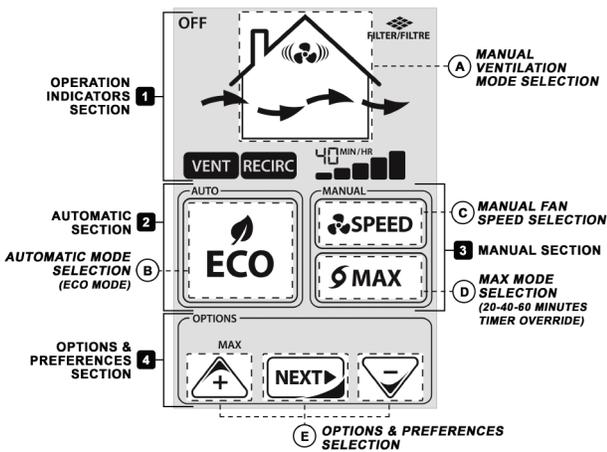
Can be mounted using screws on drywall and/or on electrical enclosure NEMA 5-15R (Residential 120Vac single enclosure)

Dimensions



Model	A		B		C		D		E		F		G	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
ECO-Touch Auto IAQ	3 19/64	84	4 19/32	117	53/64	21	1 3/16	30	63/64	25	3	76	2	51

Icons



Requirements and standards

- Complies with Novoclimat 2.0

Contacts

Submitted by: _____	Date: _____
Quantity: _____ Model: _____	Project #: _____
Comments: _____	
Location: _____	
Architect: _____	
Engineer: _____	Contractor: _____

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