ECO-Touch ^{IAQ} ®

Touch Screen Programmable Wall Control
Product #: 414727

Introducing Fantech's newest control with our industry first integrated IAQ sensing controller for Fresh Air Appliances. Technologically advanced and feature-rich; the ECO-TOUCH^{IAQ} provides homeowners with a higher level of comfort and control over their indoor air quality. To operate your fresh air appliance properly choose between the manual mode or our automatic "ECO" mode.

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), volatile organic compounds (VOCs), and outdoor incoming temperature, the ECO-TOUCH^{IAQ} will find the right balance between good air quality and lower energy consumption.

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.

Features
- ECO Mode
- Dedicated Indoor Air Quality (IAQ) Sensor
- Ventilation / Recirculation mode
- Preferences for desired indoor relative humidity range
- 2" x 3" (5cm x 7.5cm) LCD backlit touch screen
- 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 settings

External dimensions
The wall control has a dimension of $3^{19}/_{64}$" wide x $4^{19}/_{32}$" high x $^{53}/_{64}$" thick (84 mm x 117 mm x 21 mm).

Display
Multi-segment, backlit blue in color, touch capable

Time of day
Light intensity sensor

Sensor accuracy
Displayed RH depends on the room air movement.

IAQ sensor detects RH levels and Volatile Organic Compounds (VOCs)

Communication
RS-485 Modbus

Power
12Vdc

Connector
4 wire screw terminal up to 18 AWG

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). For optimal wireless range when using in conjunction with RTS-W wireless timer, it is recommended to use a plastic enclosure instead of metal.
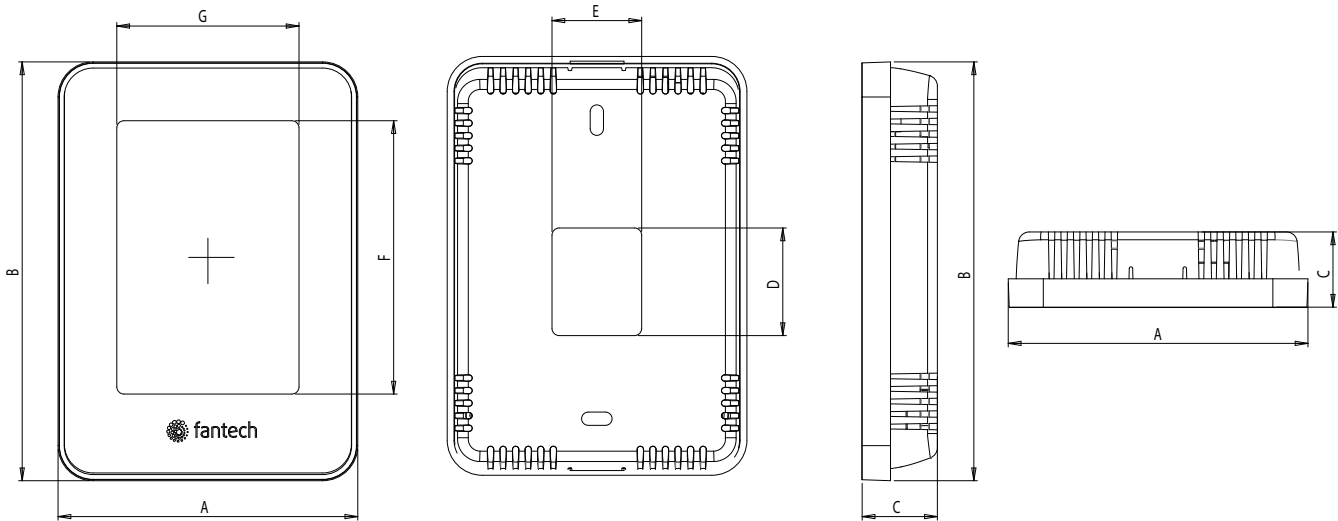
Ventilation Mode
There are 3 possible ventilation modes. VENTILATION, RECIRCULATION, STANDBY/OFF
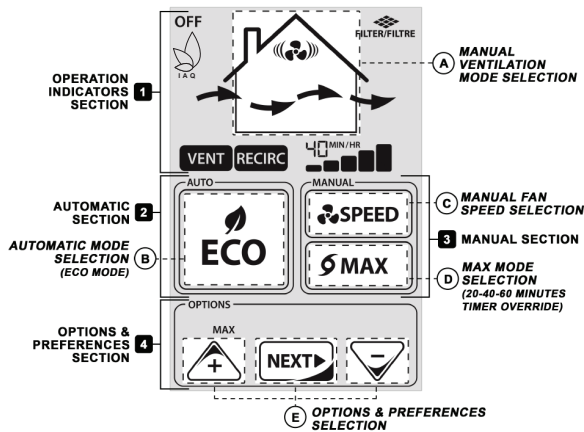
Warranty
2 year warranty

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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	3 19/64	84	4 19/32	117	53/64	21	1 3/16	30	63/64	25	3	76	2	51

Icons

OFF
FILTER/FILTRE
OPERATION INDICATORS SECTION 1
(A) **MANUAL VENTILATION MODE SELECTION**
VENT **RECIRC** 40 MIN/HR
AUTO **MANUAL**
AUTOMATIC SECTION 2
SPEED (C) **MANUAL FAN SPEED SELECTION**
AUTOMATIC MODE SELECTION (ECO MODE) (B)
ECO **MAX** 3 **MANUAL SECTION**
(D) **MAX MODE SELECTION (20-40-60 MINUTES TIMER OVERRIDE)**
OPTIONS
OPTIONS & PREFERENCES SECTION 4
MAX **+** **NEXT▶** **−**
(E) **OPTIONS & PREFERENCES SELECTION**

OPERATION INDICATORS			
VENT Air Exchange mode Animation	**RECIRC** Recirculation mode Animation	OFF System stand-by	**I A Q** IAQ Level (Eco Mode only)
40 MIN/HR Fan speed level and timer	Fan operation Animation	*Deactivated **SPEED** / **SPEED** *Activated Icon activation	

Requirements and standards

• Complies with Novoclimat 2.0

Contacts

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

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