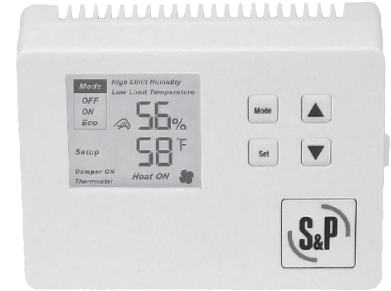




ADVANCING  
VENTILATION®

# ES24V - Envirosense Ventilation Control Submittal

The ES24V control can be used with our RF-reFresh, TD-MIXVENT, TD-SILENT, PV-POWERVENT, or TR-ERVs. When paired with S&P fans the ES24V provides fully controllable fresh air into a residence. With three modes (Off, On, and Eco-Mode) the ES24V ensures compliance with today's outside air codes.

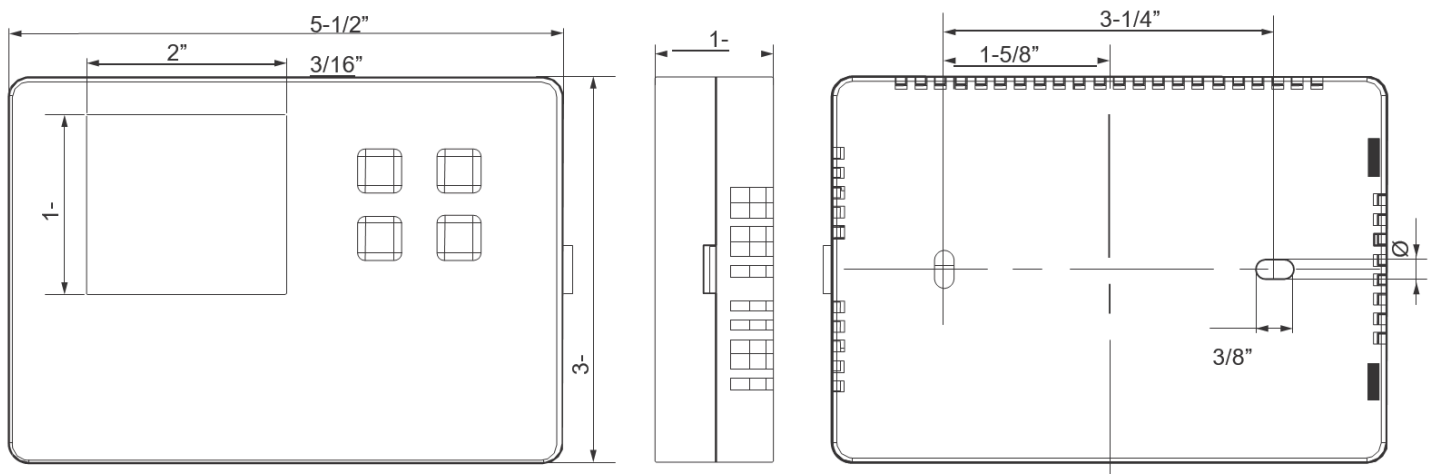


- “Off” allows for manual override as required by the code
- “On” allows for continuous operation
- “Eco-Mode” allows homeowner to set humidity and/or temperature minimum and maximums.
- When readings exceed the programmed min/max parameters the control reverts to a minimum operation sequence to satisfy code requirements. When the outside air is within the min and max range the fan will operate at the set time limit or continuously to meet the code requirements, i.e. 25 minutes every hour.

## Features

- Easy to read, back-lit LCD screen
- 24 VAC control
- Intuitive four-button user interface
- Easily programmable to operate the supply fan continuously or intermittently using on and Eco-Modes respectively
- Measures outdoor humidity and temperature and minimizes ventilation at adjustable high and low outdoor temperature and humidity lockouts
- Optional interlocking with central A/C blower motor
- Control programming maintains ASHRAE 62.2-2010 even during high and low temperature and humidity limit lockouts
- Installation flexibility – ability to override humidity and temperature control
- Auxiliary terminals for optional duct heater and motorized damper accessories

## Dimensions



All specifications are subject to change without notice unless approved in submittal by S&P USA.

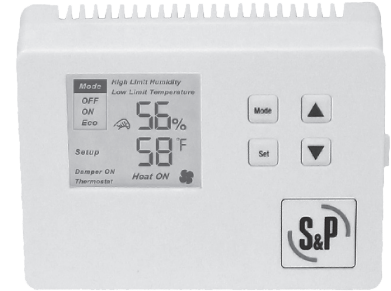
ES24V-Submittal-v.5\_06-2021



ADVANCING  
VENTILATION®

# ES24V - Envirosense Ventilation Control Submittal

The ES24V control can be used with our RF-reFresh, TD-MIXVENT, TD-SILENT, PV-POWERVENT, or TR-ERVs. When paired with S&P fans the ES24V provides fully controllable fresh air into a residence. With three modes (Off, On, and Eco-Mode) the ES24V ensures compliance with today's outside air codes.

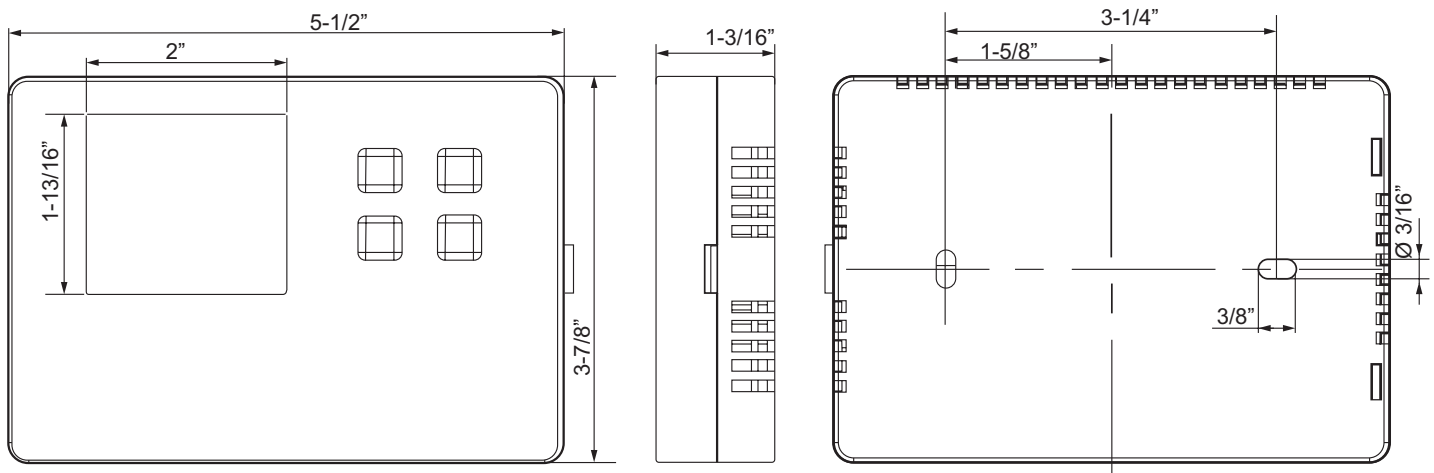


- “Off” allows for manual override as required by the code
- “On” allows for continuous operation
- “Eco-Mode” allows homeowner to set humidity and/or temperature minimum and maximums.
- When readings exceed the programmed min/max parameters the control reverts to a minimum operation sequence to satisfy code requirements. When the outside air is within the min and max range the fan will operate at the set time limit or continuously to meet the code requirements, i.e. 25 minutes every hour.

## Features

- Easy to read, back-lit LCD screen
- 24 VAC control
- Intuitive four-button user interface
- Easily programmable to operate the supply fan continuously or intermittently using on and Eco-Modes respectively
- Measures outdoor humidity and temperature and minimizes ventilation at adjustable high and low outdoor temperature and humidity lockouts
- Measures outdoor humidity to stop ventilation at adjustable high and low humidity lockouts
- Control programming maintains ASHRAE 62.2-2010 even during high and low temperature limit lockouts
- Installation flexibility – ability to override humidity and temperature control
- Auxiliary terminals for optional duct heater and motorized damper accessories

## Dimensions



All specifications are subject to change without notice unless approved in submittal by S&P USA.

ES24V-Submittal-v.4\_02-2019