Broan SmartSense®
INTELLIGENT VENTILATION SYSTEM
SSQTXE080 & SSQTXE110

Improve air quality throughout the home automatically and efficiently - a smart solution to home ventilation.

FEATURES
- Removes pollutants such as household cleaners, VOC's, carbon dioxide/monoxide, and off-gassing from building materials, carpets and other furnishings
- Helps remove gases and particles that are not trapped by any filtration unit
- Program a single control for a ventilation rate to match the size of the home
- Automatically adjusts total run-time based on square footage and number of bedrooms
- Optimizes energy usage by monitoring normal fan operation and adjusting automatic ventilation time as needed
- Continuously monitors and as necessary, activates other Broan SmartSense® systems located in different locations within the home – day and night
- No control wiring required – controls communicate over existing home power wires
- Uses less than 40 watts during ventilation cycles – in most installations
- Cost effective and energy efficient ventilation strategy
- Broan Ultra Silent™ fans operate at a barely audible 0.3 (80 CFM fans) or 0.7 Sones (110 CFM fans
- Easy installation of fans in the ceiling, vented to the exterior using 6-inch duct
- Up to 10 systems can be combined into an air quality network
- Meets ASHRAE 62.2 – related ventilation requirements
- ENERGY STAR® qualified

80 CFM FAN (Model QTXE080)
110 CFM FAN (Model QTXE110)
(see fan spec sheet)

SSQTXE080 Contains:
1 - 80 CFM Fan (Model QTXE080)
1 - SmartSense® Control (SMSC080)

SSQTXE110 Contains:
1 - 110 CFM Fan (Model QTXE110)
1 - SmartSense® Control (SMSC110)

SMSCPLR Phase Coupler (optional)
Required for LinkLogic® on opposite electrical power phases

CONTROL SPECIFICATIONS
- Paddle Type: Rocker action
- Color: White Paddle & Trim Frame
- Almond Paddle & Trim Frame included
- Conditions: Indoor, 40° to 104° F, up to 85% relative humidity
- Supply Voltage: 120 VAC +/- 10%, 60 Hz, single phase
- Max. Load: 480 Watts incandescent, 13A resistive
- Certification: Safety tested for use in USA and Canada (ETL #3017581)

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<th>Project</th>
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<td>Submitted by Date</td>
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Broan-NuTone LLC Hartford, Wisconsin www.broan.com 800-558-1711

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Recommended rooms for fans include:
- One for each Bathroom, Watercloset, or Shower Stall
- Laundry Room
- Rec Room
- Workshop
- Exercise Room
- Home Office
- Playroom

<table>
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<th>Home Square Footage</th>
<th>Number of Bedrooms</th>
<th>0 - 1</th>
<th>2 - 3</th>
<th>4 - 5</th>
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**INSTEON™ POWERLINE PHYSICAL LAYER PROPERTIES**
- Frequency: 131.65 KHz
- Modulation: BPSK
- Min. Transmit Level: 3.16 Vpp into 5 Ohms
- Min. Receive Level: 10 mV
- Phase Bridging: SMSCPLR Hard Wired or INSTEON™ RF Phase Coupler