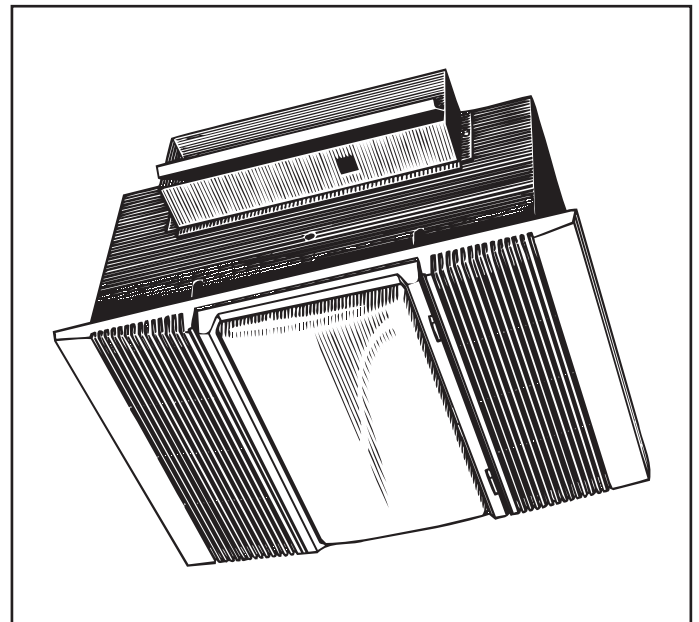


## Ceiling-Mounted Quietest Fan-Light with Night Light

**MODEL: QT140L**

### DESCRIPTION

- UL Listed to be mounted in a tub or shower enclosure when used with GFI branch circuit wiring.
- For bathrooms up to 140 sq. ft., other rooms up to 180 sq. ft.
- Two (2) powerful blowers efficiently remove stale, steamy air. Electronically balanced centrifugal blower wheels provide quiet operation.
- 100W ceiling light with glass lens and aluminum reflector.
- 7 watt energy-saving night light assembly.
- White polymeric grille.
- Hinged glass lens swings down for fast, easy relamping.
- Cutout Dimensions: 14½" x 10¾".
- Vent horizontally or vertically with 3¼" x 10" duct. Duct collar with backdraft damper included.
- Installs between 16" O.C. joists with slotted mounting brackets. Slots in housing sides provide alternative mounting.
- Wiring knockouts located on top and back of housing.
- Suitable for use with solid-state speed control (wall switch sold separately).
- Refer to NuTone's catalog for complete line of accessories to effectively adapt the Fan-Light to your construction requirements.
- Type IC for use with thermal insulation.



### DESIGN FEATURES

- Air Delivery:** 150 CFM.
- Sound Level:** 2.0 Sones horizontal.  
2.5 Sones vertical.
- Dimensions:** **Housing:** 14¼" L x 10" W x 9" D.  
**Grille:** 16" L x 10⅞" W x 1¾" D.  
**Lens:** 6¼" L x 9¾" W x 1⅞" D.  
**Reflector:** 5¼" L x 9⅞" W x 2⅜" D.
- Material & Finish:** **Housing:** 20 MSG painted steel (brown finish.)  
**Grille:** White Polymeric.  
**Lens:** Glass.  
**Reflector:** 18AWG unpainted aluminum.
- Motor:** Shaded pole (round) 4 pole, continuous duty, .58 amps, 60 Hz, thermally protected.
- Blower Wheel:** Aluminum, centrifugal-type.  
(2) 4¼" diameter x 3" wide.
- Duct Size:** 3¼" x 10".
- Electrical Rating:** 120V, 60Hz, 1.5 A.

### INSTALLATION

- Not for use in kitchens.
- Installation Instructions are provided with each unit.

### ARCHITECT'S SPECIFICATIONS

Fan-Light with Night-Light shall be Model QT140L as manufactured by NuTone according to listed specifications. Unit shall ventilate 150 CFM (71 L/s) at a sound level of 2.0 Sones ducted horizontally and 2.5 Sones ducted vertically. Housing shall measure 14¼" x 10" x 9" and connect to 3¼" x 10" duct.

## CERTIFIED TEST DATA

HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1 in. static pressure, based on tests conducted in AMCA's state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements. This NuTone model is listed by Underwriters' Laboratories Inc.

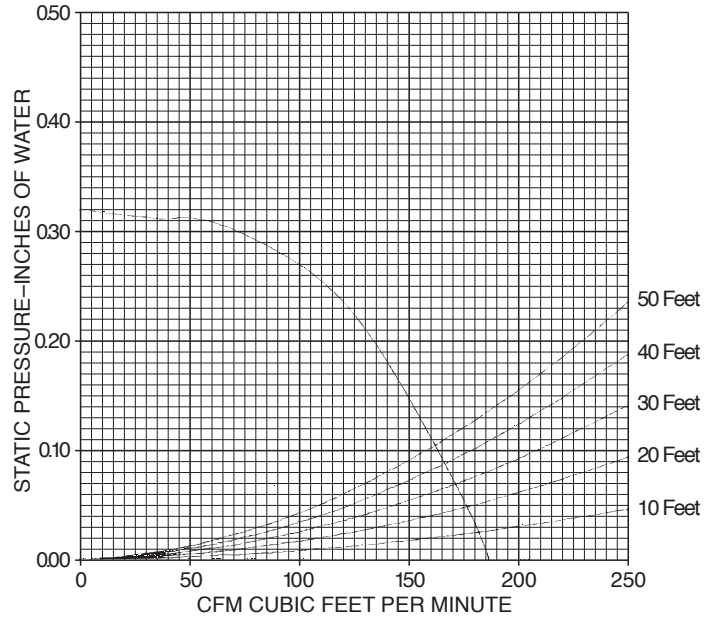
**The air delivery of a ventilating system may be determined by:**

1. Determine the equivalent duct length for each 90 degree elbow by adding one foot of duct length for each inch of duct diameter, i.e., a 4 inch diameter duct elbow equals 4 feet equivalent duct length and an 8 inch diameter duct elbow equals 8 feet equivalent duct length.
2. Add the total straight length of duct and the equivalent length for each elbow to obtain the total equivalent duct length.
3. Locate the intersection of the fan performance curve and the total equivalent duct length curves and draw a vertical line down to the CFM scale and read the system air performance.

(NOTE: 3 1/4" x 10" duct equals 6 inch diameter duct.)

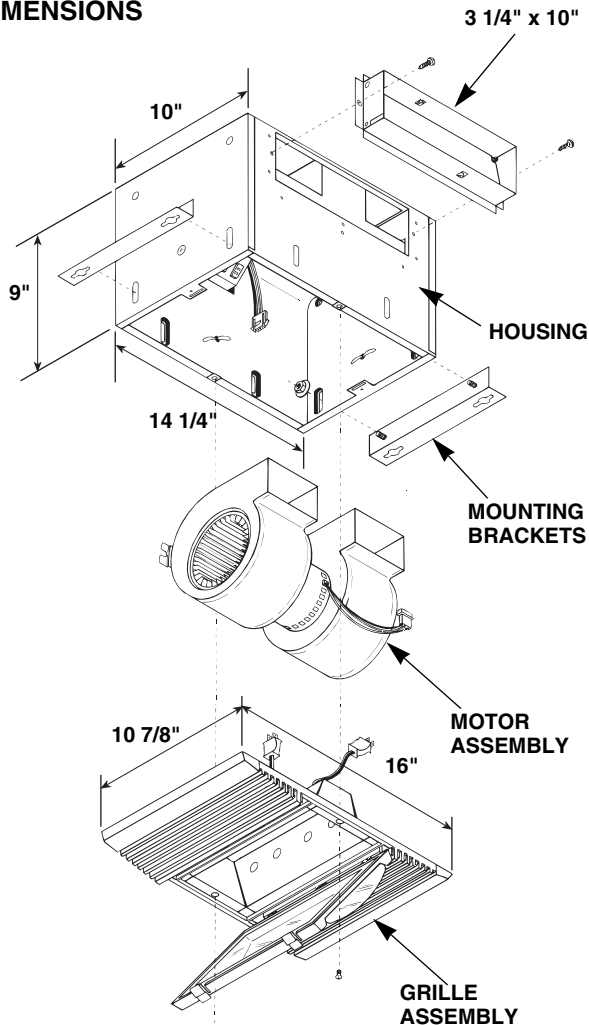


## AIR PERFORMANCE CURVE – Horizontal (6 In. Duct to 10 Foot Lengths)

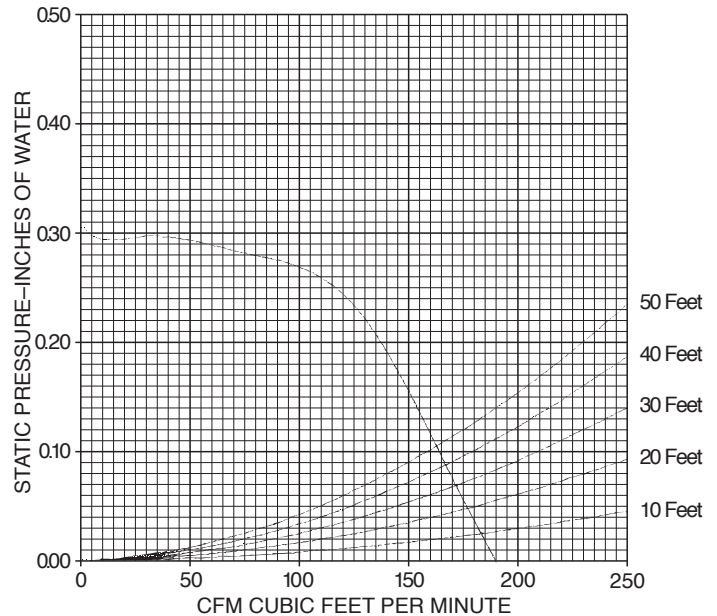


STATIC PRESSURE INCHES OF WATER	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
CFM	176	162	150	134	112	-	-	-	-

## DIMENSIONS



## AIR PERFORMANCE CURVE – Vertical (6 In. Duct to 10 Foot Lengths)



STATIC PRESSURE INCHES OF WATER	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45
CFM	176	163	151	136	116	-	-	-	-

Product specifications subject to change without notice.