

Deluxe Exhaust Fan

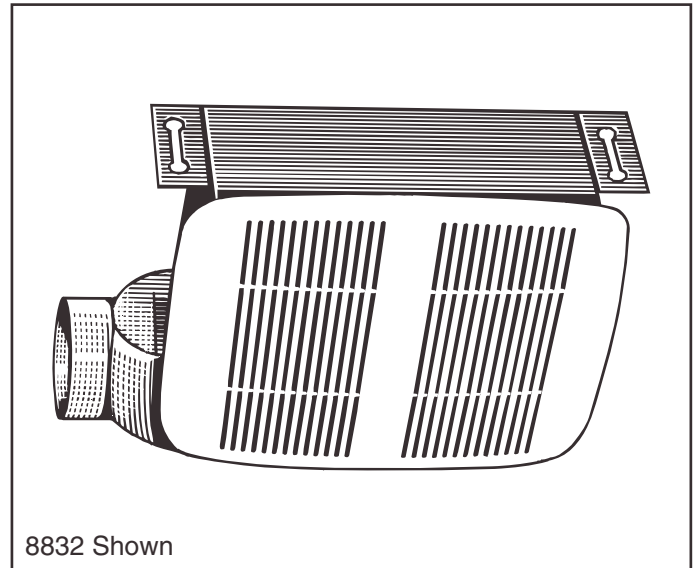
MODEL 8832 SERIES

DESCRIPTION

- Designed for bathrooms up to 75 sq. ft., dressing or other rooms up to 100 sq. ft.
- One-piece sculptured intake grille available in white or silver anodized aluminum. Center stud adjusts for various ceiling or wall thicknesses.
- Centrifugal blower wheel channels air to the outside through 3" round duct.
- Mounting brackets welded to the housing for easy installation between 16" or 24" o.c. joists or studs.
- Built-in precision-fit non-metallic damper. Plug-in motor 'floats' on sound-absorbent cushions.
- Refer to NuTone's catalog for a complete listing of accessories to effectively adapt this Exhaust Fan to your construction requirements.

DESIGN FEATURES

- Air Delivery:** 80 CFM.
Sound Level: 2.5 Sones.
Dimensions: **Housing:** 8⁷/₁₆" x 9" 3⁷/₈" deep.
Grille: 10³/₄" x 9³/₈".
- Material & Finish:** **Housing:** Cold rolled steel, baked-on enamel finish.
Grille: Model 8832SA: silver anodized aluminum.
Model 8832WH: white polymeric.
- Motor:** Plug-in, thermally protected. 120vAC, 60Hz, .7 amp.
Blower Wheel: Polypropylene, 5³/₄" OD.
Duct Size: 3" diameter.
Electrical Rating: 120v, 60Hz, .7A.



INSTALLATION

- Not for use in kitchens.
- Complete installation instructions are included with each unit.

ARCHITECT'S SPECIFICATIONS

Deluxe Exhaust Fan(s) shall be NuTone Model Number 8832SA or 8832WH as manufactured by NuTone according to listed specifications. Housing shall be 8⁷/₁₆" x 9" x 3⁷/₈" deep and ventilate at 80 CFM at a sound level of 3.5 Sones. Unit shall connect to 3" diameter duct.

REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

CERTIFIED TEST DATA

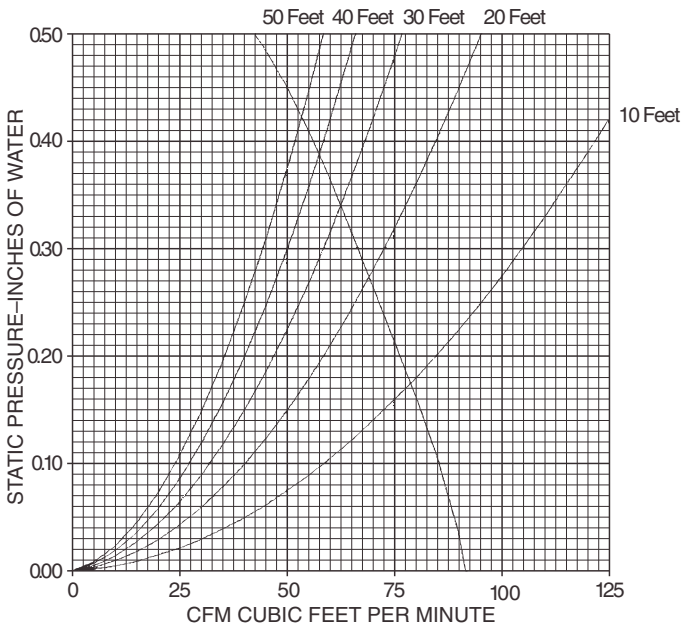


HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1 in. static pressure, based on tests conducted in AMCA's state-of-the-art test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

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

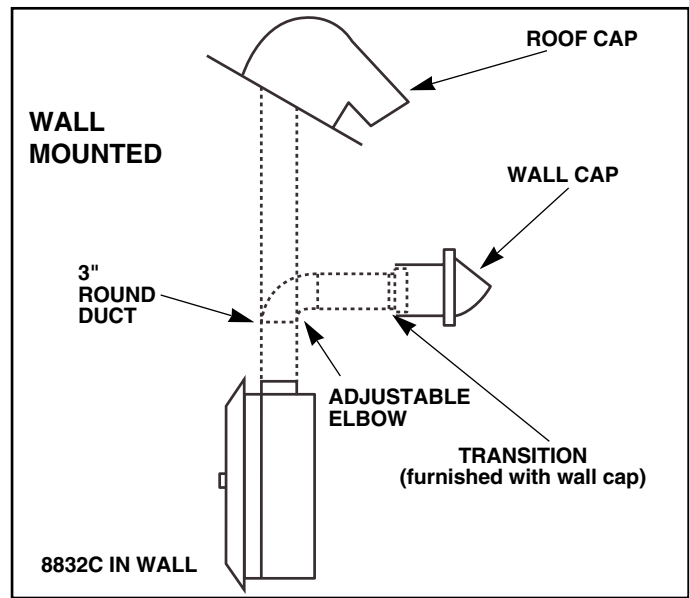
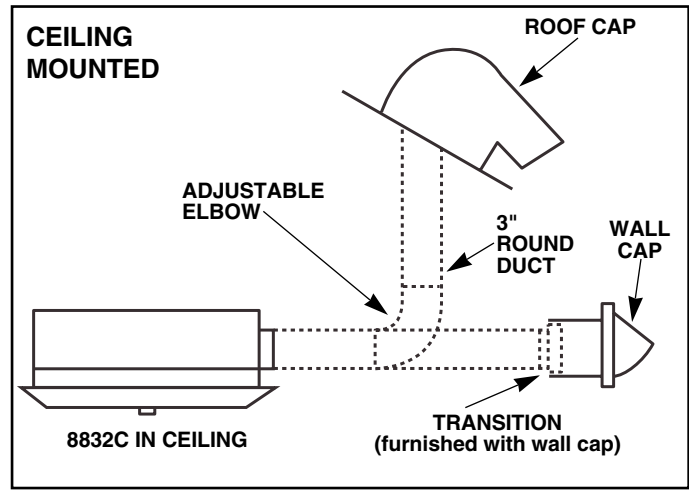
1. Determine the equivalent duct length for each 90 degree elbow by adding one foot of duct length for each inch of duct diameter, i.e., a 4 inch diameter duct elbow equals 4 feet equivalent duct length and an 8 inch diameter duct elbow equals 8 feet equivalent duct length.
2. Add the total straight 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
(3 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	88	85	81	76	71	66	61	55	50

Typical installations:



Product specifications subject to change without notice.