# NuTone

#### DESCRIPTION

- Efficient ventilation and bright light in one easy installation.
- Fan and light operate separately or together.
- Quiet operation with one-piece molded blower wheel and silent backdraft damper.
- Attractive grille styling.
- Plug-in motor and light.
- Uses one (1) 100 watt incandescent bulb (bulb not included).
- Refer to NuTone's catalog for a complete listing of accessories to effectively adapt this Ventilation Fan with Light to your construction requirements.

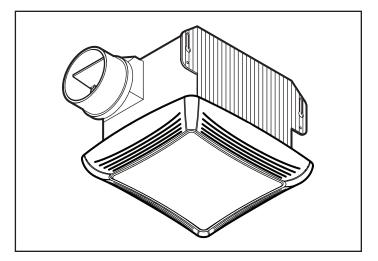
#### **DESIGN FEATURES**

Air Delivery:	50 cfm.
Sound Level:	2.5 Sones.
Dimensions:	Housing: 9" x 9" x 5¾".
	<b>Grille:</b> 12" x 10¾".
Lamp:	One 100W maximum A19
	(bulb not included)
Material &	
Component Data:	Housing: Galvanized steel.
	Grille: Engineered resin.
	Lens: Translucent white polymeric.
	Reflector: Aluminum.
	Damper: Polymeric.
Motor:	Shaded pole, thermally protected.
Electrical Rating:	With one (1) 100 watt bulb:
_	120 VAC, 60 Hz, 1.4 A
Blower Wheel:	One-piece polymeric,
	4¾" diameter.
Duct Size:	4" diameter.
Mounting:	Mounting flange provided.
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## Ventilation Fan with Light

### **MODEL 763RLN**



#### INSTALLATION

- Suitable for use over tub or shower enclosure when installed in a GFCI protected branch circuit.
- Installation instructions are included with each unit.
- Type IC for use with thermal insulation.
- Not for use with solid state speed controls.
- Not for use in kitchens.

#### **ARCHITECT'S SPECIFICATIONS**

Ventilation Fan with Light shall be NuTone Model 763RLN as manufactured according to listed specifications. Fan shall ventilate 50 cfm at a sound level of 2.5 Sones. Housing shall be 9" x 9" x  $5\frac{3}{4}$ " and connect to 4" duct.

Broan-NuTone LLC	Hartford, Wisconsin	www.nutone.com	888-336-3948
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REFERENCE	QTY.	REMARKS	Project
			Location
			Architect
			Engineer
			Contractor
			Submitted by Date

#### MODEL 763RLN CERTIFIED TEST DATA

#### **AIR PERFORMANCE CURVE** (4 In. Duct to 10 Foot Lengths) 0.50 50 Feet STATIC PRESSURE-INCHES OF WATER 0,40 40 Feet 0.30 30 Feet 0.20 20 Feet 0.10 10 Feet 0.00 0 25 50 75 100 125 CFM CUBIC FEET PER MINUTE

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

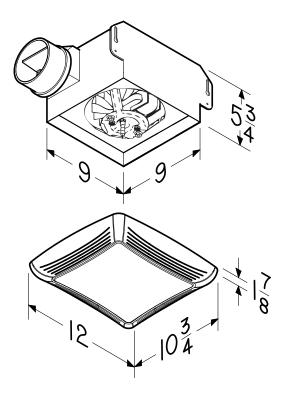
- Determine the equivalent duct length for each 90 degree elbow by adding one foot of duct length for each inch of duct diameter, (i.e., a 4-inch diameter duct elbow equals 4 feet equivalent duct length).
- 2. Add the total straight length of duct and the equivalent length for each elbow to obtain the total equivalent duct length.
- 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.



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 a state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements.



#### MODEL 763RLN DIMENSIONS



## NuTone