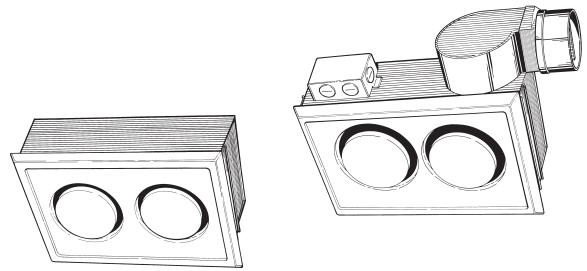


MODELS 163 & 164 INFRARED BULB HEATERS



Quick and efficient, these twin-bulb heaters provide the selective temperature control you need.

FEATURES

- White-white polymeric grille
- Sturdy steel housing
- Adjustable mounting brackets that span up to 24"
- Housing can be adjusted vertically after ceiling is finished
- Uses (2) 250W BR40-size infrared bulbs (not included)
- Bulbs may be operated separately or in combination using the following Broan controls:
 - Model 59W/V, 60-Minute Time Control
 - Model 61W/V, 15-Minute Time Control
 - Model 62W/V, 60-Minute Time Control with 2 Toggle Switches (Model 164 only)
 - Model 63W/V, 60-Minute Time Control w/Toggle Switch
 - Model 66W/V, Heat/Fan/Light Control (Model 164 only)
 - Model 68W/V, Two-Function Control
- Suitable for use in insulated ceilings (Type I.C.)

MODEL 164 BULB HEATER/FAN ONLY:

- Plug-in, permanently lubricated motor
- Quiet, polymeric blower wheel
- Polymeric damper/duct connector with 1-5/8" long tapered sleeve and no metallic clatter
- Unit may function with bulbs and fan controlled together, bulbs and fan controlled separately, or EACH bulb and fan controlled separately
- **Model 164H:** Rough-in housing for Model 164F. Packed 4 per carton.
- **Model 164F:** Finish assembly for Model 164H. Packed 4 per carton.

SPECIFICATIONS

MODEL	VOLTS	AMPS	WATTS*	SONES	CFM	DUCT
163	120	4.3	505**	---	---	---
164	120	4.5	545**	3.5	70	4" Round

* Total Connected Load

** BR40-size Infrared Bulbs. Use house wiring rated 60°C min.



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.

TYPICAL SPECIFICATION

Bulb heater shall be Broan Model 163 (Broan Model 164).

Heater shall have corrosion resistant steel housing and adjustable mounting brackets.

Unit must use (2) 250W BR40-size infrared bulbs. Bulb Heater to be U.L. Listed. Suitable for use in insulated ceilings (Type I.C.)

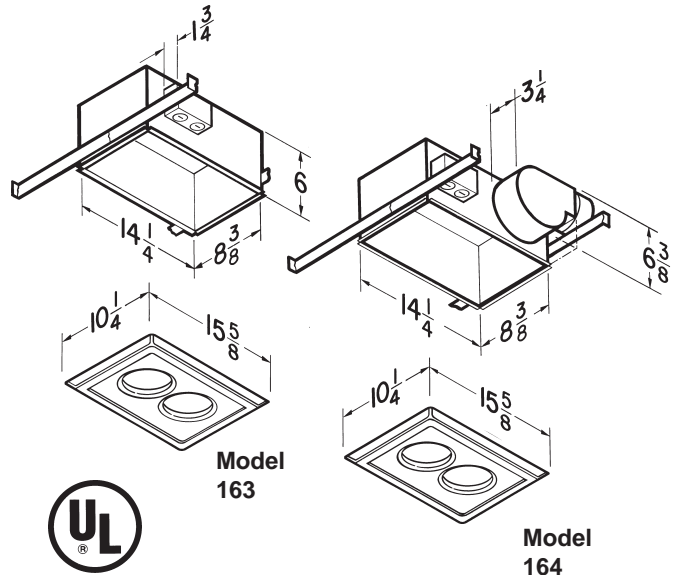
MODEL 164 BULB HEATER/FAN ONLY:

Motor assembly to be removable and permanently lubricated.

Non-metallic damper/duct connector to be included.

Heater and ventilator to operate separately (or in combination).

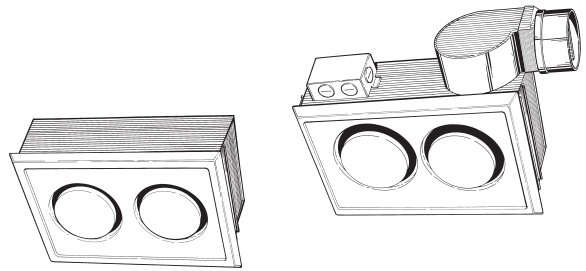
Air delivery shall be no less than 70 CFM and sound level no greater than 3.5 Sones. All air and sound ratings shall be certified by HVI.



Broan-NuTone LLC, 926 West State Street, Hartford, WI 53027 (1-800-637-1453)

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

MODELS 163 & 164 INFRARED BULB HEATERS



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MODEL 164 BULB HEATER/FAN ONLY:

- Plug-in, permanently lubricated motor
- Quiet, polymeric blower wheel
- Polymeric damper/duct connector with 1-5/8" long tapered sleeve and no metallic clatter
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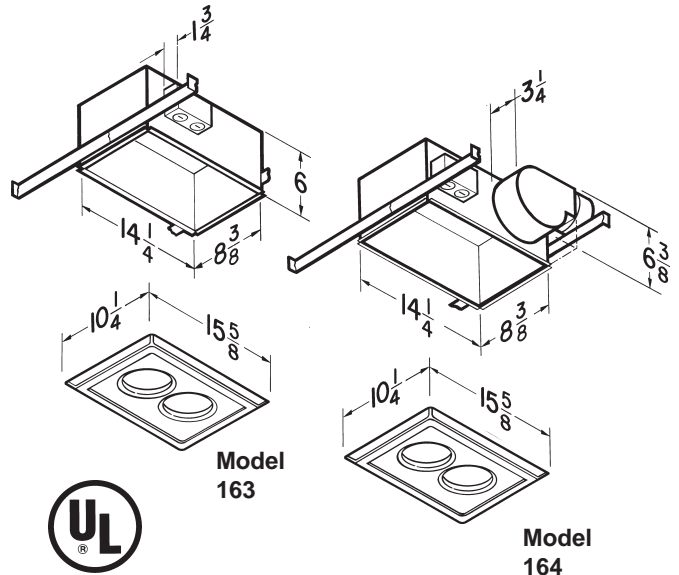
MODEL 164 BULB HEATER/FAN ONLY:

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Non-metallic damper/duct connector to be included.

Heater and ventilator to operate separately (or in combination).

Air delivery shall be no less than 70 CFM and sound level no greater than 3.5 Sones. All air and sound ratings shall be certified by HVI.



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