

BROAN HD50R DB Ventilating Fans with Radiation Dampers Instructions

This Owner's Manual is provided and hosted by [Appliance Factory Parts](#).



Contents

- 1 BROAN HD50R DB Owner's Manual**
 - 1.1 Shop genuine replacement parts for BROAN HD50R DB**
 - 1.1.1 SPECIFICATION SHEET**
 - 1.2 VENTILATING FANS RDH WITH RADIATION DAMPERS**
 - 1.2.1 FEATURES**
 - 1.2.2 SPECIFICATIONS**
 - 1.2.3 TYPICAL SPECIFICATION**
- 2 Documents / Resources**
 - 2.1 References**
- 3 Related Posts**

BROAN HD50R DB Owner's Manual

[Shop genuine replacement parts for BROAN HD50R DB](#)

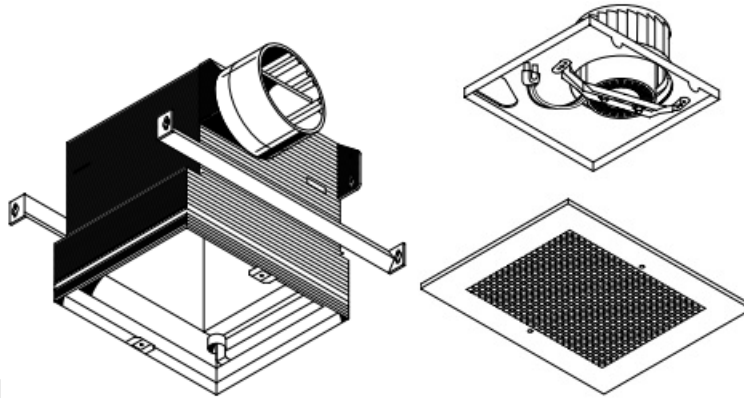


—— Manual continues below ——



SPECIFICATION SHEET

VENTILATING FANS RDH WITH RADIATION DAMPERS



MODEL RDH

RDF MODELS

Dependable, high performance ventilation fans with attached radiation dampers and attractive metal grilles.

FEATURES

HOUSING:

- Rugged, 26-gage galvanized steel construction
- Key-holed mounting brackets span up to 24" and are adjustable horizontally and vertically
- Reversible knockout bracket allows wiring from top or side
- 4" round duct fitting with built-in backdraft damper for easy duct connection

BLOWER:

- Plug-in, permanently lubricated motor
- Totally enclosed motor with long life bearings designed for continuous operation (HD80RDF, HD50RDF only)
- Centrifugal blower wheel

RADIATION DAMPER:

- For use in 1, 2 and 3 hour rated floor-ceiling and roof-ceiling constructions
- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiber thermal fabric
- Stainless steel closure spring
- 165°F fusible link

GRILLE:

- Attractive steel grille painted white
- Low profile blends well with any decor

(1) ROUGH-IN KIT & (1) FINISH KIT MAKE A COMPLETE UNIT. PURCHASE EACH SEPARATELY.

Rough-In Kit

Model RDH • Contains housing and radiation damper (packed 4 per carton).

Finish Kits

Models 110RDF, 80RDF, HD80RDF and HD50RDF •

Contain blower and grille (packed 4 per carton).

SPECIFICATIONS

RDH with	VOLTS	AMPS	CFM	SONES	DUCT
110RDF	120	1.3	110	4.0	4" ROUND
80RDF	120	0.5	80	2.5	4" ROUND
HD80RDF	120	0.5	80	2.5	4" ROUND
HD50RDF	120	0.4	50	1.5	4" ROUND

TYPICAL SPECIFICATION

Ventilation Fan with Radiation Damper shall be Broan Model RDH with 110RDF (RDH with 80RDF) (RDH with HD80RDF) (RDH with HD50RDF).

Housing shall be made of galvanized steel and have adjustable mounting brackets. It shall have a built-in backdraft damper and be ducted to a roof or wall cap.

Blower shall be removable and have a centrifugal blower wheel. Motor shall be permanently lubricated.

Air delivery shall be no less than and sound level shall be no greater than values listed in the chart above. Air and sound ratings shall be certified by HVI.

Radiation damper shall be rated for use in up to three hour ceiling constructions. It shall be UL Classified and Warnock Hersey Listed (see other side for installation details).

Ventilating Fan with Radiation Damper shall be Energy Star® qualified. (Model HD50RDF only).

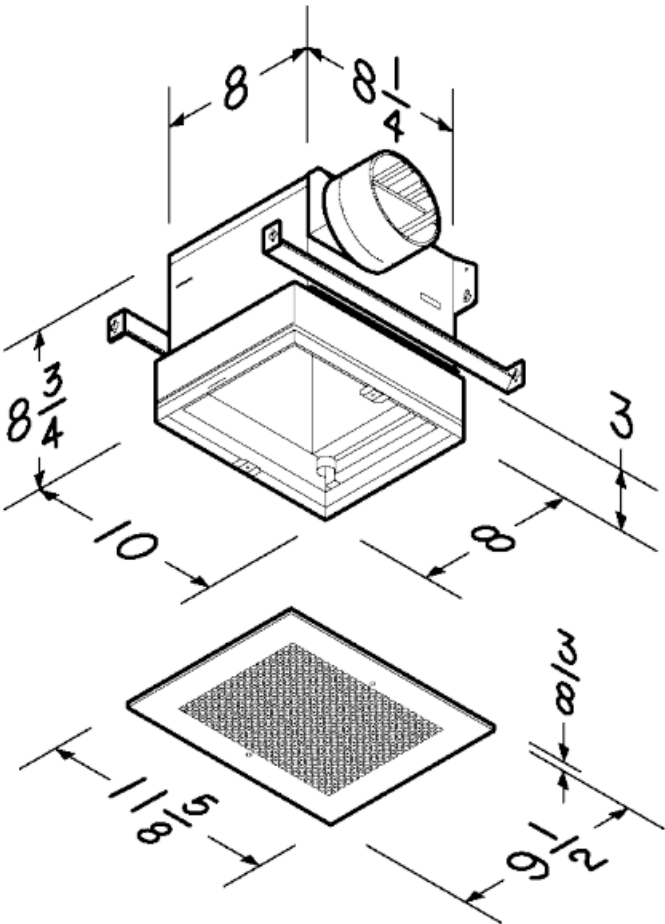


Model HD50RDF only

Broan-NuTone LLC Hartford, Wisconsin www.broan.com [800-558-1711](tel:8005581711)

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

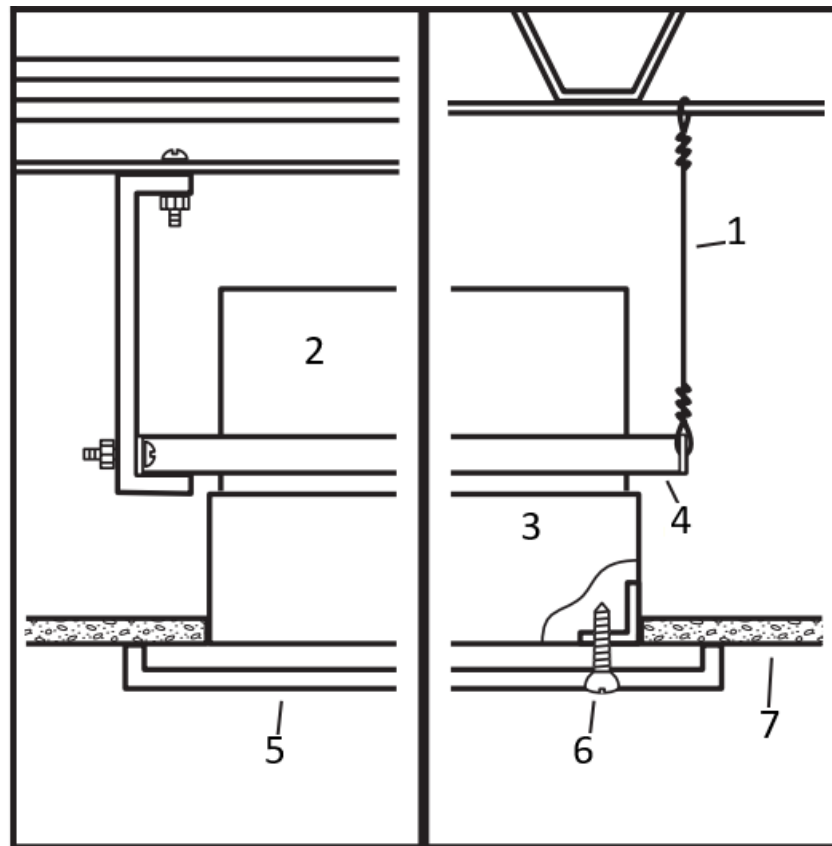
80B 99043061D



CLASSIFIED



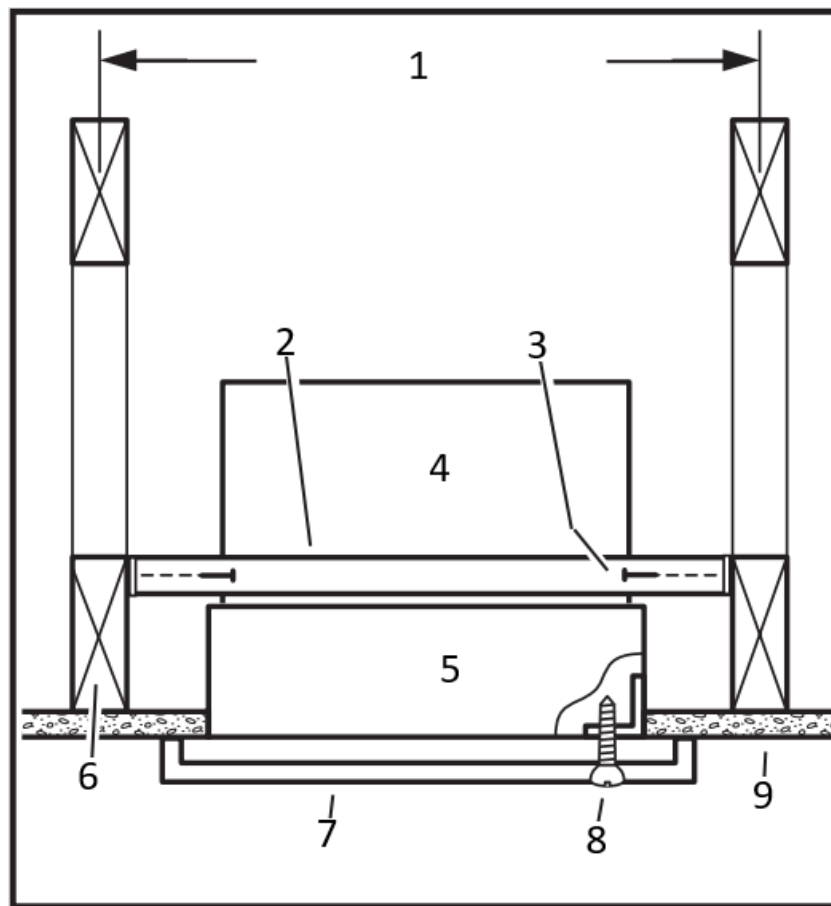
SEE DETAILS ON ULCLASSIFICATION MARKING ON PRODUCT



1. WIRE
2. FAN
3. DAMPER
4. MOUNTING BRACKET
5. GRILLE
6. GRILLE SCREW
7. CEILING




WARNOCK HERSEY LISTING INCLUDES DAMPER ONLY. IT DOES NOT INCLUDE EXHAUST FAN. DAMPERS MAY BE USED WITH UL LISTED FAN MODELS NOTED.



1. 16" OR 24" ON CENTER
2. MOUNTING BRACKET
3. FASTENER
4. FAN
5. DAMPER
6. WOOD FRAMING MEMBER OR JOIST
7. GRILLE
8. GRILLE SCREW
9. CEILING

Documents / Resources

 <p>BROAN HD50R DB Owner's Manual</p> <p>Shop genuine replacement parts for BROAN HD50R DB</p> <p>Find Your BROAN HVAC Parts - Select From 1309 Models</p> <p>Manual and Safety Notice</p>	<p>BROAN HD50R DB Ventilating Fans with Radiation Dampers [pdf] Instructions HD50RDF, 110RDF, 80RDF, HD80RDF, HD50RDF, HD50R DB Ventilating Fans with Radiation Dampers, HD50R DB, Ventilating Fans with Radiation Dampers, Fans with Radiation Dampers, with Radiation Dampers, Radiation Dampers, Dampers</p>
--	--

References

- [BN Broan-NuTone | Better Air. Better Life.](#)
- [✂ Repair Your Grill: Shop Replacement Parts for 24,880 Models](#)
- [✂ Broan HVAC Parts - Select From 1309 Models](#)

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.