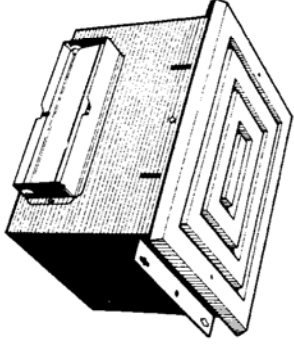


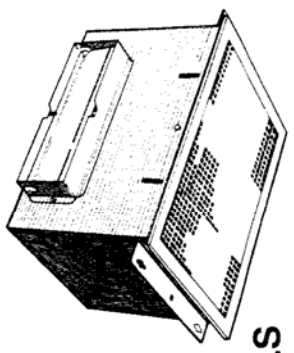


SPECIFICATION SHEET



LO-SONE® VENTILATORS

MODELS
314, 362 & 363



MODELS
314MG, 362MG & 363MG

Super-quiet specification grade ventilators built with high performance blowers, acoustic insulation and attractively-styled grilles.

FEATURES

GRILLE:

- Conceals interior
- Architectural styling blends well with any decor
- Matte white polymeric (Models 314, 362 & 363)
- White, epoxy-painted metal (Models 314MG, 362MG & 363MG)
- Model 89 metal grille available (11-7/8" x 15", White) - (purchase separately)
- Aluminum filter available - (purchase separately)

BLOWER:

- Low RPM motor for quiet operation
- Neoprene resilient anti-vibration mounts
- Two dynamically-balanced 5-1/4" dia. x 3" centrifugal blower wheels for quiet and efficient performance
- Permanently lubricated thermally protected motor
- Plug-in motor rated at 120 VAC, 60 Hz.
- Designed for continuous operation

HOUSING:

- Rugged steel housing finished with electrically-bonded epoxy paint
- 1/2" acoustic insulation inside
- May be installed in ceiling or wall
- 8-position mounting brackets for easy installation and greater adaptability to various mounting requirements
- Housing may be adjusted 3/4" perpendicular to finished ceiling or wall
- Clatterproof automatic backdraft damper located within duct connector
- Unit may be ducted horizontally or vertically with 3 1/4" x 10" duct
- Unit may be installed as an in-line blower by adding accessory kit.

TYPICAL SPECIFICATION

Ventilator shall be Broan Model 314, (Broan Model 362), (Broan Model 363), (Broan Model 314MG), (Broan Model 362MG), (Broan Model 363MG).

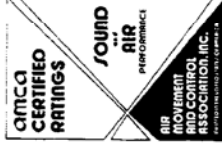
Ventilator shall have steel housing finished with electrically-bonded epoxy paint and insulated with at least 1/2" acoustic insulation. Housing shall have adjustable mounting brackets.

Automatic backdraft damper shall be located within duct connector, and shall have cushioned stops to prevent clatter. (Damper/duct connector and wiring adapter plate shall be adjustable for either horizontal or vertical installation.)

Blower unit shall be removable from housing and shall have centrifugal-type blower wheels. All motors to be permanently lubricated and mounted with neoprene resilient anti-vibration mounts. RPM not to exceed number listed for each model.

Air delivery shall be no less and sound levels no greater than listed for each model. All air and sound ratings shall be certified by AMCA and/or HVI. Units shall be U.L.

"Broan Mfg. Co., Inc. certifies that the models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 (and AMCA Publication 311 if sound is also certified) and comply with the requirements of the AMCA Certified Ratings Program."



BROAN MFG. CO., INC./A NORTEK COMPANY HARTFORD, WISCONSIN 53027

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

JUNE 1994

49F

99041933D

PERFORMANCE RATINGS - MODELS 314,314MG⁺,362,362MG⁺,363 & 363MG⁺

+ Performance ratings for "MG" units are the same as those listed for "non-MG" units.

AMCA LICENSED PERFORMANCE

Model No.	Sones@ 0.0" S.P.	CFM @ Static Pressure (Ps - Inches of H ₂ O)					Volts	Watts	Nominal RPM	Duct Size
		0.0	0.1	.125	.250	.375				
314 Ver.	3.2	140	128	124	106	46	120	70	1000	3-1/4" x 10"
314 Hor.	3.0	160	148	145	120	52	120	70	1050	3-1/4" x 10"
362 Ver.	3.1	220	204	200	178	138	120	115	1150	3-1/4" x 10"
362 Hor.	3.9	236	221	216	182	122	120	115	1250	3-1/4" x 10"
363 Ver.	5.2	330	310	304	276	232	120	165	1575	3-1/4" x 10"
363 Hor.	5.1	330	308	300	268	216	120	165	1625	3-1/4" x 10"

The performances shown are with inlet grille, backdraft damper and outlet duct. RPM shown is nominal and the performance is based on actual speed of test. The sound ratings shown are loudness values in fan sones at 5' (1.5m) in a hemispherical free field calculated per AMCA Std. 301. Values shown are for installation Type B: free inlet fan some levels.

SONES

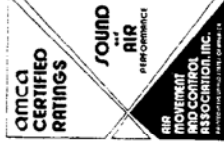
Model Number	HVI Sones @0.1" S.P.**	AMCA Sones @0.0" S.P.**
314 Ver.	1.5	3.2
314 Hor.	1.5	3.0
362 Ver.	2.0	3.1
362 Hor.	2.5	3.9
363 Ver.	4.5	5.2
363 Hor.	4.0	5.1

**There is a difference between sone values certified by HVI for residential use and by AMCA for commercial/industrial use. Exact comparison of these values is not possible. This difference is mainly due to the procedures used to convert measured sound to perceived sound. ANSI S3.4, used by both HVI and AMCA, specifies a procedure for calculating loudness as perceived by a typical listener under specific conditions. HVI establishes values at a distance of 5 feet from the fan in a "spherical free field"; AMCA establishes values at a distance of 5 feet in a "hemispherical free field". HVI results are rounded to the nearest 0.5 sone, AMCA to the nearest 0.1 sone.

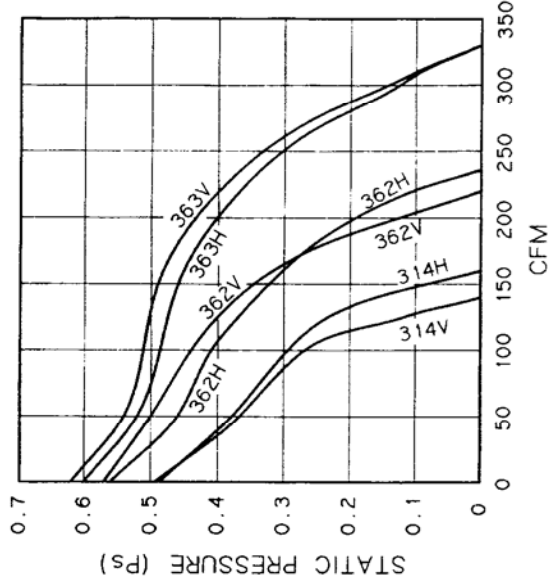
AMPS

MODEL NUMBER	AMPS*
314 Ver.	.9
314 Hor.	.9
362 Ver.	1.3
362 Hor.	1.3
363 Ver.	2.3
363 Hor.	2.3

* Total connected load



Broan Mfg. Co., Inc. certifies that the models shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 (and AMCA Publication 311 if sound is also certified) and comply with the requirements of the AMCA Certified Ratings Program.



HVI PERFORMANCE

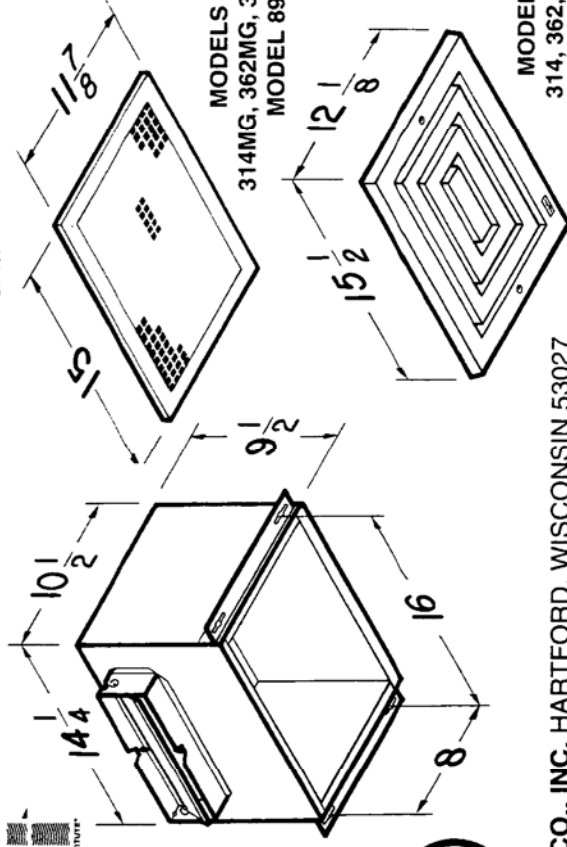
MODEL NUMBER	SONES	CFM @0.1" Ps
314 Ver.	1.5	120
314 Hor.	1.5	140
362 Ver.	2.0	200
362 Hor.	2.5	200
363 Ver.	4.5	300
363 Hor.	4.0	300

HVI certified ratings comply with testing procedures prescribed by the Home Ventilating Institute and conducted at the ENERGY SYSTEMS LABORATORY at Texas A&M University. Ratings are at 0.1 in. static pressure. Sones are a measure of loudness and are measured in HVI's semi-reverberant sound test room.



WEIGHT

MODEL NO.	SHIPPING WT.
314	17.6 lbs.
362	18.2 lbs.
363	19.0 lbs.



BROAN MFG. CO., INC. HARTFORD, WISCONSIN 53027

MODELS
314, 362, 363