# elect SPECIFICATION SHEET

# LOSONE SELECT® **CEILING MOUNT VENTILATORS** L400, L500, L700 SERIES

הראת

#### Incredibly reliable. Unbelievably guiet. Offering the CFM choices you need at the lowest sound levels in the industry. **FEATURES**

GRILLE:

- Conceals interior
- Low profile styling blends with any decor •
- Metal, finished with white painted enamel BLOWER:
- Low RPM for quiet operation

BRSAN

- Resilient anti-vibration mounts
- Balanced, polymeric, centrifugal blower wheel for quiet, efficient performance (Models L400K & L500K - metal wheels)
- · Permanently lubricated, thermally protected motor
- Plug-in motor rated at 120 VAC
- Designed for continuous operation

#### HOUSING:

- Rugged, 20 gauge galvanized steel
  4½" x 18½" duct connector
  1/2" acoustic insulation inside (Models L400K & L500K - no insulation - for kitchen applications)
- May be installed in ceiling or wall (size permitting)
- 8-position mounting brackets for easy installation and greater adaptability to various mounting requirements
- Automatic backdraft damper located within duct connector
- Factory-shipped in horizontal discharge position easily converted to vertical discharge
- May be installed as an in-line ventilator with addition of accessory kit Model 982L (purchase separately)
- ACCESSORIES (purchase all separately):
- Model 57V (Ivory) / 57W (White) 3 amp Electronic Variable Speed Control
- Model 59V (Ivory) / 59W (White) 60-Minute Time Control
- Model 61V (Ivory) / 61W (White) 15-Minute Time Control
- Model 80L Electronic Speed Control (Internal)

#### **TYPICAL SPECIFICATION**

Ventilator shall be Broan Model L400, (L400K), (L500), (L500K),(L700).

Ventilator shall have galvanized steel housing insulated with at least 1/2" of acoustic insulation (with no insulation - Models L400K & L500K). Housing to have adjustable mounting brackets.

Automatic backdraft damper to be located within duct connector. Duct connector, blower assembly, and wiring plate shall be adjustable for either horizontal or vertical installation.

Blower unit shall be removable from housing and will have a polymeric (metal - Models L400K & L500K), balanced centrifugal-type blower wheel. Motor to be permanently lubricated and mounted with 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. Units to be UL and cUL listed.



"Broan-NuTone LLC 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-NuTone LLC, 926 West State Street, Hartford, Wisconsin 53027 (1-800-637-1453) Broan-NuTone Canada, 1140 Tristar Drive, Mississauga, Ontario, L5T 1H9 (1-888-882-7626)

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



## PERFORMANCE RATINGS - LOSONE SELECT® CEILING MOUNT VENTILATORS L400, L500, L700 SERIES

## AMCA LICENSED PERFORMANCE ·

		CFM / SONES - AT STATIC PRESSURES (Ps - inches of $H_2O$ )													
MODEL NO.	NOMINAL VOLTAGE		0.0" Ps	.10" Ps	.125" Ps	.250" Ps	.375" Ps	.50" Ps	.625" Ps	.750" Ps	.875" Ps	1.0" Ps	NOMINAL RPM	AMPS @60 Hz	WATTS
L400	120 VAC	CFM Hor. SONES Hor.	480 2.0	442 2.4	434 2.3	388 2.8	344 3.3	299 3.8	229 4.5	182 4.8	114 5.4	33 5.6	735	1.4	146
		CFM Ver. SONES Ver.	467 2.3	428 2.6	416 2.6	378 3.0	335 3.5	291 4.0	237 5.1	170 5.5	85 5.7	8 5.9	755	1.4	146
L400K	120 VAC	CFM Hor. SONES Hor.	442 2.9	415 3.2	406 3.3	370 3.8	330 4.4	274 5.3	230 6.0	191 6.5	130 6.8	50 7.2	675	1.4	146
		CFM Ver. SONES Ver.	440 2.9	409 3.4	399 3.3	358 4.0	294 5.0	246 6.1	203 6.3	157 6.8	102 7.1	28 7.2	680	1.4	146
L500	120 VAC	CFM Hor. SONES Hor.	538 3.0	520 3.1	514 3.3	491 3.6	463 4.0	434 4.4	389 5.0	339 5.7	282 6.2	186 6.7	810	2.2	232
		CFM Ver. SONES Ver.	539 2.9	517 3.1	512 3.2	481 3.4	451 3.8	418 4.2	367 4.8	319 5.9	247 6.3	137 6.4	865	2.2	232
L500K	120 VAC	CFM Hor. SONES Hor.	506 4.3	484 4.3	481 4.4	460 5.0	435 5.6	418 6.2	389 7.0	337 7.6	301 8.0	231 8.3	700	2.2	232
		CFM Ver. SONES Ver.	481 3.6	472 3.9	473 4.0	443 4.5	418 5.6	388 6.1	353 6.7	311 8.4	262 8.1	187 8.6	705	2.2	232
L700	120 VAC	CFM Hor. SONES Hor.	722 4.5	704 4.6	701 4.7	667 4.8	640 5.0	607 5.2	571 5.6	534 6.2	453 7.1	333 7.2	960	2.9	313
		CFM Ver. SONES Ver.	708 5.2	691 5.0	687 5.0	658 5.7	628 5.8	597 6.1	560 6.4	515 7.4	444 7.1	312 7.6	985	2.9	313

Performance ratings include the effects of inlet grille and backdraft damper in the airstream. Speed (RPM) shown is nominal. 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 sone levels. Performance shown is for Installation Type B: Free inlet, Ducted outlet.



"Broan-NuTone LLC 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."

 $\frac{412^{11} \times 18^{1/2}}{\text{DUCT OR}}$   $\frac{212}{1}$   $\frac{1}{4}$   $\frac{1}{4}$ 



### WEIGHT -

MODEL NO.	SHIPPING WT.
L400	
L500	33.8 lbs.
L400K, L500K	36.2 lbs.
L700	33.9 lbs.



**Broan-NuTone LLC**, 926 West State Street, Hartford, Wisconsin 53027 (1-800-637-1453) **Broan-NuTone Canada**, 1140 Tristar Drive, Mississauga, Ontario, L5T 1H9 (1-888-882-7626)