



# L100E & L150E

Losone Select Ceiling Mount Ventilators

Incredibly reliable. Unbelievably quiet.  
Offering the CFM choices you need at the lowest sound levels in the industry.

## FEATURES:

### Grill:

- Conceals interior
- Low profile styling blends with any decor
- White plastic

### Blower:

- Low RPM for quiet operation
- Resilient anti-vibration mounts
- Dynamically-balanced, polymeric, centrifugal blower wheel for quiet, efficient performance
- Permanently lubricated, thermally protected motor
- Plug-in motor rated at 120 VAC
- Designed for continuous operation

### Housing:

- Rugged, 20 gauge galvanized steel
- 8" round duct connector
- 1/2" acoustic insulation inside
- 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

## TYPICAL SPECIFICATION:

Ventilator shall have galvanized steel housing insulated with at least 1/2" of acoustic insulation. 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, dynamically 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 cULus listed.



S&P USA Ventilation Systems, LLC, Div. of Soler & Palau Ventilation Group, certifies that the Losone Select Series shown herein are licensed to bear the AMCA Seal. The ratings shown are based on test and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirement of the AMCA Certified Ratings Program.

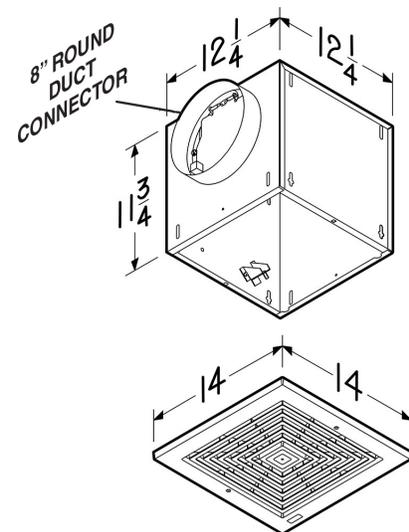


cULus listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.

## WEIGHT:

MODEL NO.	SHIPPING WEIGHT
L100E	18.9 lbs.
L150E	19.3 lbs.

## DIMENSIONS:





# L100E & L150E

Losone Select Ceiling Mount Ventilators



## PERFORMANCE RATINGS:

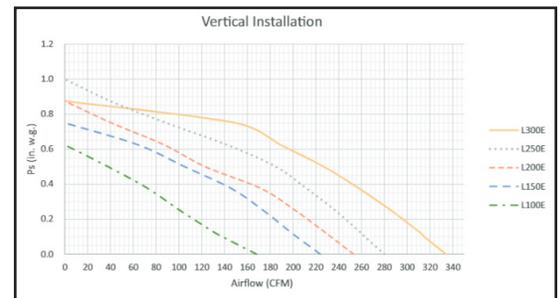
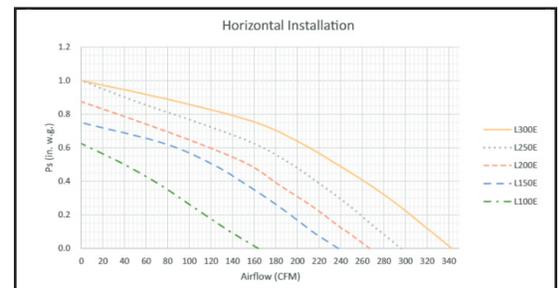
### AMCA LICENSED PERFORMANCE RATINGS

MODEL NO.	NOMINAL VOLTAGE	CFM/SONES - AT STATIC PRESSURES (Ps - inches of H <sub>2</sub> O)											NOMINAL RPM	AMPS @ 60 Hz	WATTS
			0.0" Ps	.10" Ps	.125" Ps	.250" Ps	.375" Ps	.50" Ps	.625" Ps	.750" Ps	.875" Ps	1.0" Ps			
L100E	120 VAC	CFM Hor.	164	138	132	103	74	40	0	-	-	-	803	0.3	27
		Sones Hor.	0.2	0.3	-	0.7	-	-	-	-	-	-			
		CFM Ver.	168	138	131	101	73	38	0	-	-	-	799	0.3	27
		Sones Ver.	0.1	0.2	-	0.8	-	-	-	-	-	-			
L150E	120 VAC	CFM Hor.	238	214	209	183	154	122	77	0	-	-	972	0.4	44
		Sones Hor.	1.0	1.0	-	1.1	-	-	-	-	-	-			
		CFM Ver.	224	203	198	174	146	105	64	0	-	-	990	0.4	44
		Sones Ver.	0.9	0.9	-	1.0	-	-	-	-	-	-			

Performance ratings include the effects of inlet grill 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.

## HVI PERFORMANCE

MODEL NO.	Ducting	0.1" Ps			0.25" Ps	
		CFM	Sones	CFM/Watt	CFM	Sones
L100E	Horizontal	130	0.3	4.9	97	0.8
	Vertical	140	0.3	5.3	101	0.6
L150E	Horizontal	200	1	4.6	168	1.4
	Vertical	210	0.7	4.9	178	1.0



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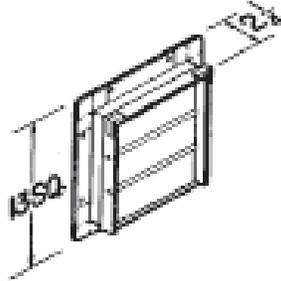


HVI-2100 CERTIFIED RATINGS comply with new testing technologies and procedures prescribed by the Home Ventilating Institute, for off-the-shelf products, as they are available to consumers. Product performance is rated at 0.1in. static pressure, based on tests conducted in a state-of-the-art test laboratory. Sones are a measure of humanly-perceived loudness, based on laboratory measurements.



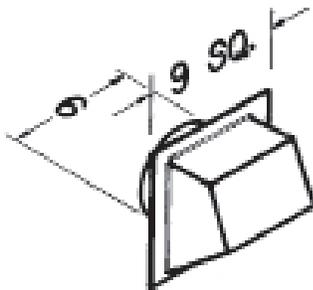
cULus listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.





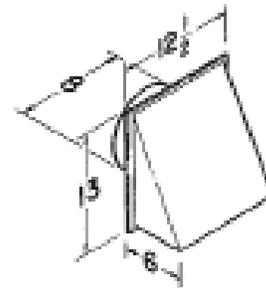
### Model 441 Wall Cap

- Gravity dampers
- Collar with birdscreen for attaching 10" round duct
- Steel construction with aluminum louvers



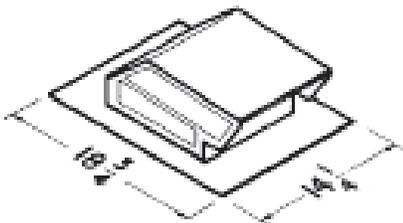
### Model 641 Wall Cap

- Aluminum natural finish
- Built-in backdraft damper & birdscreen
- For 6" round duct



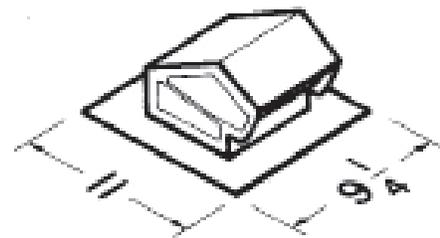
### Model 643 Wall Cap

- Aluminum natural finish
- Built-in backdraft damper
- For 8" round duct



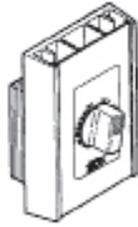
### Model 634 Roof Cap

- Black electrically - bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3 1/4" x 10" or up to 8" round duct



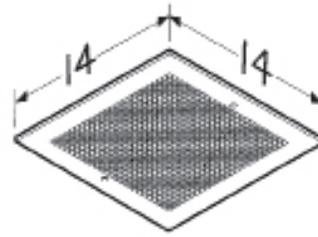
### Model 636 Roof Cap

- Black electrically - bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3" or 4" round duct



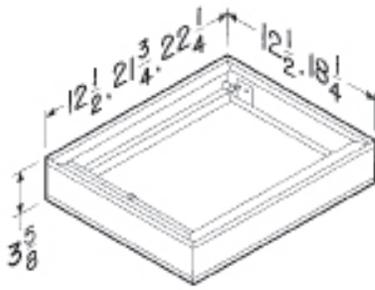
### Speed Control

- Adjust speed from 100 to 50%
- 5 amp & 10 amp - 120V



### Model MG 1 Metal Grille Kit

- White enamel painted steel
- Mounting screws included
- Fits L100E, L150E, L200E, L250E & L300E



### Models RD1 & RD2 Radiation Dampers

- UL rated for use in 1, 2 or 3 hour rated floor-ceiling, roof-ceiling design
- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiberthermal fabric
- 212 °F fusible link
- Stainless steel negator-type closure spring
- RD1 (12 1/2" X 12 1/2") fits L100E - L300E
- RD2 (21 3/4" X 12 1/2") fits L400 - L700

OPTIONAL ACCESSORY COMPATIBILITY CHART		LOSONE SELECT CEILING MOUNT				LOSONE SELECT IN-LINE/ CABINET		
		L100E L150E	L200E L250E L300E	L400 L500	L700	L100EL L150EL	L200EL L250EL L300EL	L400L L500L L700L
VARIABLE SPEED CONTROLS	2727.1 (5 AMP 120V) ●	X	X	X		X		
	2828.1 (10AMP 120V) ●	X	X	X	X	X	X	X
Roof Caps	634 ●	X	X			X	X	
	636 ●							
WALL CAPS	441 ◆			X	X			X
	641 ●	X				X		
	643 ●		X				X	
UL RADIATION DAMPERS	RD1 ◆	X	X					
	RD2 ◆			X	X			
	RD3 ◆							
METAL GRILLE KIT	MG1 ●	X	X					
VIBRATION DAMPENING HANGERS (4)	V102 ●	X	X	X	X	X	X	X
	V104KIT ●	X	X	X	X	X	X	X



# L200E, L250E & L300E

Losone Select Ceiling Mount Ventilators

Incredibly reliable. Unbelievably quiet.  
Offering the CFM choices you need at the lowest sound levels in the industry.

## FEATURES:

### Grill:

- Conceals interior
- Low profile styling blends with any decor
- White Plastic

### Blower:

- Low RPM for quiet operation
- Resilient anti-vibration mounts
- Dynamically-balanced, polymeric, centrifugal blower wheel for quiet, efficient performance
- Permanently lubricated, thermally protected motor
- Plug-in motor rated at 120 VAC
- Designed for continuous operation

### Housing:

- Rugged, 20 gauge galvanized steel
- 8" round duct connector
- 1/2" acoustic insulation inside
- 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

## TYPICAL SPECIFICATION:

Ventilator shall have galvanized steel housing insulated with at least 1/2" of acoustic insulation. 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, dynamically 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 cULus listed.



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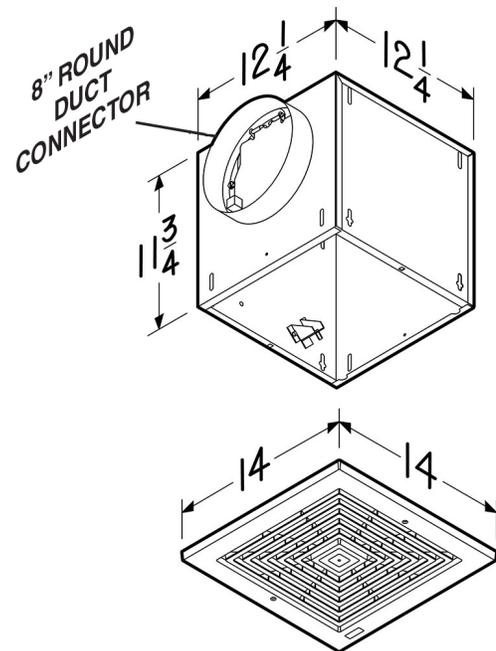


cULus listed for use over bathtubs and showers when connected to a GFCI protected branch circuit.

## WEIGHT:

MODEL NO.	SHIPPING WEIGHT
L200E	19.1 lbs.
L250E	21.0 lbs.
L300E	21.2 lbs.

## DIMENSIONS:





# L200E, L250E & L300E

Losone Select Ceiling Mount Ventilators



## PERFORMANCE RATINGS:

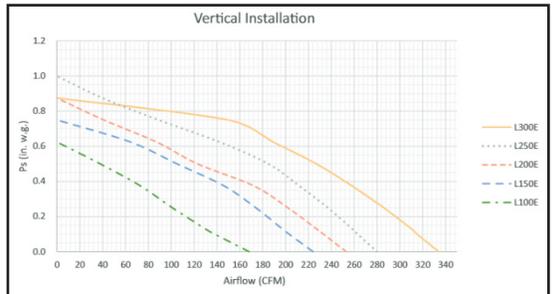
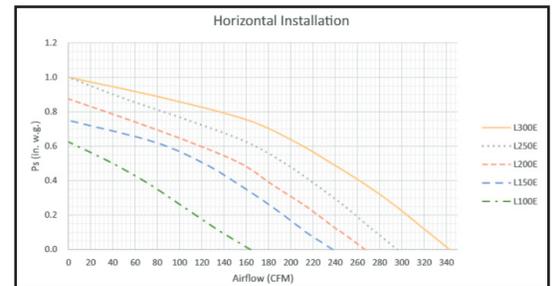
### AMCA LICENSED PERFORMANCE RATINGS

MODEL NO.	NOMINAL VOLTAGE	CFM/SONES - AT STATIC PRESSURES (Ps - inches of H <sub>2</sub> O)											NOMINAL RPM	AMPS @ 60 Hz	WATTS
			0.0" Ps	.10" Ps	.125" Ps	.250" Ps	.375" Ps	.50" Ps	.625" Ps	.750" Ps	.875" Ps	1.0" Ps			
L200E	120 VAC	CFM Hor.	267	246	240	214	184	155	109	56	0	-	1031	0.5	53
		Sones Hor.	1.5	1.5	-	1.7	-	-	-	-	-	-			
		CFM Ver.	253	233	228	202	172	123	87	41	0	-	1063	0.5	53
		Sones Ver.	1.4	1.3	-	1.5	-	-	-	-	-	-			
L250E	120 VAC	CFM Hor.	296	277	272	249	223	195	160	108	51	0	1128	0.6	62
		Sones Hor.	1.9	1.9	-	1.8	-	-	-	-	-	-			
		CFM Ver.	280	263	259	237	212	185	142	89	40	0	1144	0.6	62
		Sones Ver.	1.9	1.8	-	1.8	-	-	-	-	-	-			
L300E	120 VAC	CFM Hor.	343	324	319	295	268	237	204	162	89	0	1189	0.7	75
		Sones Hor.	3.0	2.9	-	2.7	-	-	-	-	-	-			
		CFM Ver.	334	315	311	286	258	227	189	150	0	-	1207	0.7	75
		Sones Ver.	2.9	2.7	-	2.6	-	-	-	-	-	-			

Performance ratings include the effects of inlet grill 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.

## HVI PERFORMANCE

MODEL NO.	Ducting	0.1" Ps			0.25" Ps	
		CFM	Sones	CFM/Watt	CFM	Sones
L200E	Horizontal	230	1.3	4.4	198	1.5
	Vertical	240	1	4.6	209	1.3
L250E	Horizontal	270	1.5	4.5	242	2.0
	Vertical	270	1.4	4.5	242	1.5
L300E	Horizontal	310	2.5	4.2	281	2.5
	Vertical	310	2.5	4.3	282	2.5



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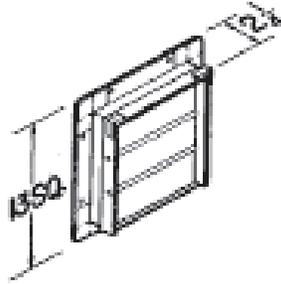


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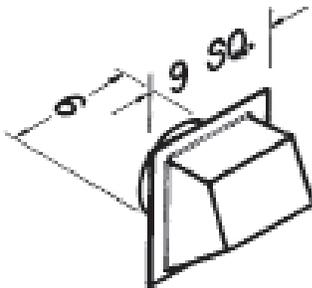
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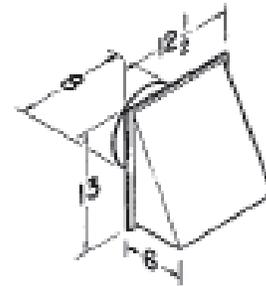
### Model 441 Wall Cap

- Gravity dampers
- Collar with birdscreen for attaching 10" round duct
- Steel construction with aluminum louvers



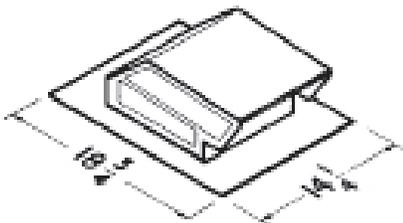
### Model 641 Wall Cap

- Aluminum natural finish
- Built-in backdraft damper & birdscreen
- For 6" round duct



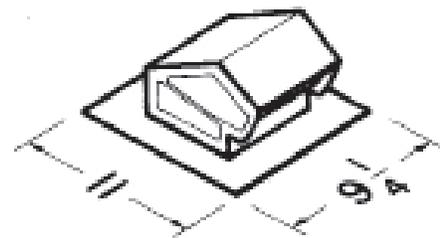
### Model 643 Wall Cap

- Aluminum natural finish
- Built-in backdraft damper
- For 8" round duct



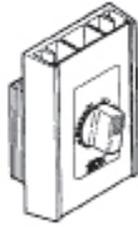
### Model 634 Roof Cap

- Black electrically - bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3 1/4" x 10" or up to 8" round duct



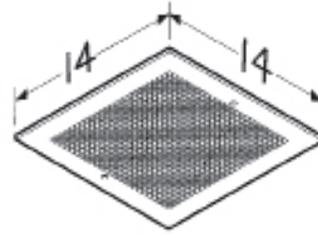
### Model 636 Roof Cap

- Black electrically - bonded epoxy finish
- Built-in backdraft damper & birdscreen
- For 3" or 4" round duct



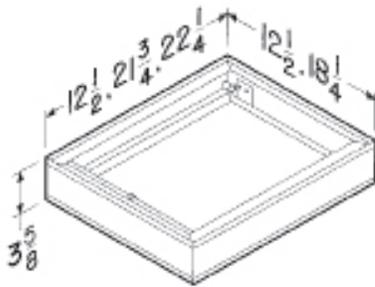
### Speed Control

- Adjust speed from 100 to 50%
- 5 amp & 10 amp - 120V



### Model MG 1 Metal Grille Kit

- White enamel painted steel
- Mounting screws included
- Fits L100E, L150E, L200E, L250E & L300E



### Models RD1 & RD2 radiation Dampers

- UL rated for use in 1, 2 or 3 hour rated floor-ceiling, roof-ceiling design
- Galvanized steel frame
- High temperature, non-asbestos, reinforced fiberthermal fabric
- 212 °F fusible link
- Stainless steel negator-type closure spring
- RD1 (12 1/2" X 12 1/2") fits L100E - L300E
- RD2 (21 3/4" X 12 1/2") fits L400 - L700

OPTIONAL ACCESSORY COMPATIBILITY CHART		LOSONE SELECT CEILING MOUNT				LOSONE SELECT IN-LINE/ CABINET		
		L100E L150E	L200E L250E L300E	L400 L500	L700	L100EL L150EL	L200EL L250EL L300EL	L400L L500L L700L
VARIABLE SPEED CONTROLS	2727.1 (5 AMP 120V) ●	X	X	X		X		
	2828.1 (10AMP 120V) ●	X	X	X	X	X	X	X
Roof Caps	634 ●	X	X			X	X	
	636 ●							
WALL CAPS	441 ◆			X	X			X
	641 ●	X				X		
	643 ●		X				X	
UL RADIATION DAMPERS	RD1 ◆	X	X					
	RD2 ◆			X	X			
	RD3 ◆							
METAL GRILLE KIT	MG1 ●	X	X					
VIBRATION DAMPENING HANGERS (4)	V102 ●	X	X	X	X	X	X	X
	V104KIT ●	X	X	X	X	X	X	X