



LPD Low Profile Centrifugal Roof/Sidewall Exhausters

Catalog LPD01-July 2007



The World's Leading Producer of
Air Movement Products



Soler & Palau USA, Div. of Soler & Palau Ventilation Group, certifies that the Models LPD & RED 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.

Soler&Palau  Ventilation Group

COMMERCIAL PRODUCT LINE



Model LPD Low Profile Direct Drive Centrifugal Roof/Sidewall Exhausters

Features

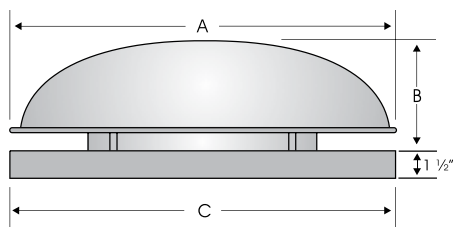
- Ultra Low Profile
- AMCA Air & Sound Licensed
- cULus Listed-Standard 705 (optional)
- UPS Shipping Carton
- 5 Year Housing Warranty
- Up To 140°F Airstream Temperature
- Roof or Sidewall Mount

Construction

- Aluminum Construction
- Stainless Steel Exterior Fasteners
- Backward Curved Centrifugal Wheel
- Aluminum Birdscreen
- Conduit Wiring Chase
- Service Disconnect Switch
- Precision Balanced to ISO Standard 1940

Motor

- Unique External Rotor Design
- Permanently Lubricated Bearings
- 3 Year Motor Warranty
- Internal Thermal Protection
- 100% Speed Controllable
- 115V, 230V and 60/50 Motor Options
- Totally Enclosed and Continuous Duty



Dimensional Data							
Size	O.D. Damper	Roof Opening	Curb O.D.	A	B	C	Average Ship Wt. Lbs.
6	11	11-3/4	14-3/4	16-1/2	7	16-1/2	12
8	11	11-3/4	14-3/4	16-1/2	7	16-1/2	15

60 Hz

Model LPD	CFM @ Static Pressure											RPM (Nom.)	Max Motor Watts & Amps	Sones @ 1/2"
	0	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4			
LPD06A60 115/1/60	302	268	247	222	197	175	155	118	87	52	-	2800	90 / 0.8	7.2
LPD08A60 115/1/60	387	358	331	303	275	245	222	178	138	98	63	2775	115 / 1.0	11.9
LPD06C60 230/1/60	293	263	245	225	204	184	167	128	82	57	-	2900	90 / 0.4	9.1
LPD08C60 230/1/60	423	381	350	316	292	265	238	188	140	97	52	2950	115 / 0.5	14.1

50 Hz

Model LPD	CFM @ Static Pressure											RPM (Nom.)	Max Motor Watts & Amps	Sones @ 1/2"
	0	1/8	1/4	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4			
LPD06C50 230/1/50	279	252	232	213	196	172	156	115	67	-	-	2700	65 / 0.3	9.1
LPD08C50 230/1/50	390	345	317	292	263	237	213	161	105	43	-	2725	85 / 0.43	14.1

Performance certified is for installation type A-free inlet, free outlet. Performance ratings include the effects of birdscreen in the airstream. The sound ratings shown are loudness values in fan sones @ 5' (1.5m) in a hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A-free inlet fan sones levels. Speed (RPM) shown is nominal. Performance is based on actual speed of test.



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S&P patented motorized impellers typically exceed manufacturer's RPM ratings as shown in the AMCA certified performance table above. Motor manufacturer's published ratings are:

LPD06A60: 115/1/60/TE, 2600 RPM
 LPD06C60: 230/1/60/TE, 2600 RPM
 LPD06C50: 230/1/50/TE, 2500 RPM

LPD08A60: 115/1/60/TE, 3050 RPM
 LPD08C60: 230/1/60/TE, 3050 RPM
 LPD08C50: 230/1/50/TE, 2700 RPM