

LD/LS Series - adjustable pitch roof axial



product LD/LS Series - adjustable pitch roof axial		
dimensions mm 800 - 1100	poles & duty 4 - 8 / up to 50,000 L/s	
application A highly competitive general purpose range for input or extract ventilation.		

Specifications

Bases and casings for all models are of hot dipped galvanised steel construction. Caps are manufactured from UV stabilised polymer or fibreglass. Special materials and finishes are available for hazardous environments and special circumstances. Available in optional Colorbond™ colours.

Testing

Units comply with AS4429 and approved by BS and AMCA. Rated fan performance has been determined by testing to ISO 5801 : 2007 . Fan sound data has been determined by testing to BS848 Part 2 : 1985 or AMCA 300 .

Impellers

Aerofoil adjustable pitch impellers are available in a range of materials, including pressure die cast aluminium, injection moulded glass reinforced polypropylene (GRP) and nylon. Impellers are balanced to ISO1940 Grade G6.3.

Motors

Motors are of TEFC design. Motor enclosure features IP54 protection. Motor windings incorporate class ' F ' insulation as standard although class ' H ' is readily available. Motor bearings are sealed for life and maintenance free.

Wiring diagrams and latest data

Refer to the latest product datasheet for individual model wiring instructions, data and specifications. Datasheets are available from our electronic selection software **FansSelect** downloadable at www.pacificHVAC.com

It is a condition of our warranty that all equipment supplied is installed according to the requirements of AS/NZS3000:2007 Australian/New Zealand wiring rules.

Features

High efficiency, low noise adjustable pitch axial impeller.
Perfectly matched to medium / high pressure and volume systems.
Heavy duty hot dip galvanised steel construction.
Bird mesh fitted as standard.

Suggested Specification

Adjustable Pitch Axial Flow Exhaust/ Supply type fans shall be of the LD/LS, Series manufactured by Pacific HVAC Engineering Pty Ltd.

Axial Flow impellers shall be driven by TEFC motors with sealed for life bearings. Fan bases, and caps shall be weather proof and fabricated from UV resistant ABS polymer, fibreglass and corrosion protected steel.

All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and BS848 Part 2 : 1985 or AMCA 300 for sound.

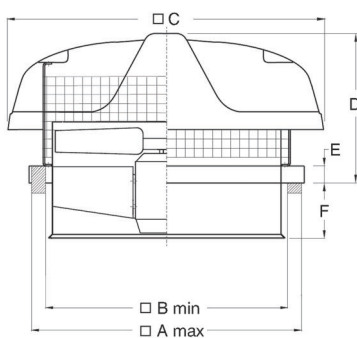
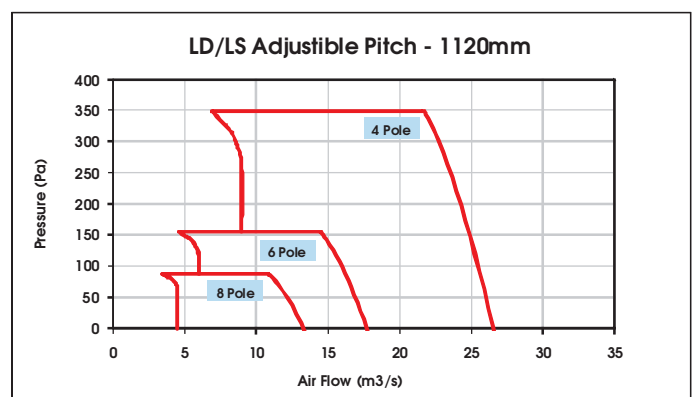
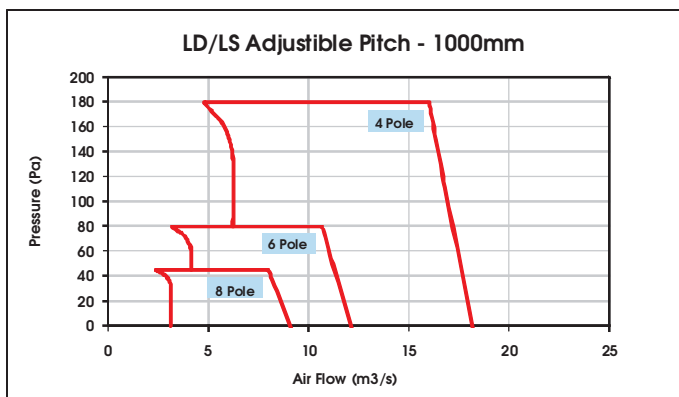
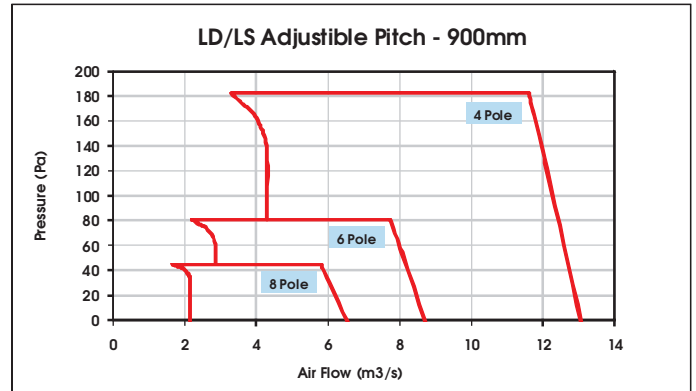
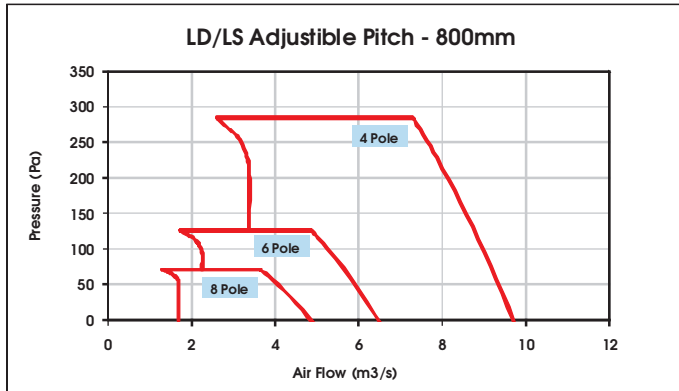
Ancillaries



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Performance Envelope Curves

The performance curves on this page offer a guide to the duties covered within the model range described. Performance envelopes have been grouped by motor speed for each fan model's available diameter. Note that scales for all charts are linear. We strongly recommend that these curves be used as a guide only. For detailed performance capability refer to our fan selection software **FansSelect** available for free download at www.pacificHVAC.com



LD / LS									
Size	Motor Frame Size	A	B	C	D	E	F	kg	
800	90 - 100	1070	920	1410	500	80	415	143	
800	112 - 132	1070	920	1410	500	80	615	183	
900	90 - 100	1170	102	1410	500	80	615	203	
1000	90 - 132	1300	1150	1680	530	80	415	262	
1000	160 - 180	1300	1150	1680	530	80	615	412	
1120	112 - 132	1420	1270	1680	530	80	615	319	
1120	160 - 180	1420	1270	1680	530	80	815	469	