

VD Series - adjustable pitch roof axial smoke spill fans

Construction

Fans for smoke spill applications are generally manufactured from hot dipped galvanised steel although in some cases wind bands may be of powder coated steel. Impeller blades and hubs are manufactured from aluminium using a pressure die casting process to ensure uniform quality and performance.

Testing

The performance of Pacific HVAC Engineering Smoke Spill fans has been determined by testing in accordance with the requirements of AS4429(Int)-1996 and AS4429:1999. The fans comply with requirements of AS/NZS 1668.1:1998

Time and Temperature Ratings

- 200°C for 120 minutes
- 300°C for 30 minutes

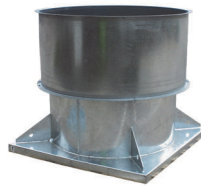
Failsafe Damper System

To comply with requirements of smoke spill fans operating in unsprinklered buildings, Pacific HVAC Engineering is able to offer discharge damper failsafe models incorporating highly reliable mechanisms with temperature activated fusible links.

Selecting Smoke Spill Fans

To access the full range of smoke spill fans offered by Pacific HVAC Engineering and to select the right fan type any given situation please refer to our electronic fan selection software, **FansSelect**, available for download at www.pacificHVAC.com

Your local Pacific HVAC Engineering sales office is equipped to answer specific queries relating to the full range of smoke spill fans.



Series	VD Series Roof Mount Adjustable Pitch Axial
Ratings	200°C for 120 minutes; 300°C for 30
Certificate of Compliance	SSFFD-3-310810

Series	LR Series Roof Mount Adjustable Pitch Axial
Ratings	200°C for 120 minutes; 300°C for 30
Certificate of Compliance	SSFFD-2-300810

Model	Nom. Diameter* mm	Hub Diameter mm	No. Blades	Max. Speed (rpm)
VD	310-500	150	5-10	2880
VD	310-800	150	5-10	1440
VD	560-1000	250	7-14	1440
VD	560-1120	250	7-14	960
VD	710-1000	255	3-6-12	1440
VD	710-1250	255	3-6-12	960
VD	800-1000	330	4-8-12-16	1440

Model	Nom. Diameter* mm	Hub Diameter mm	No. Blades	Max. Speed (rpm)
LR	310-500	150	5-10	2880
LR	310-800	150	5-10	1440
LR	560-1000	250	7-14	1440
LR	560-1120	250	7-14	960
LR	710-1000	255	3-6-12	1440
LR	710-1250	255	3-6-12	960
LR	800-1000	330	4-8-12-16	1440
LR	800-1250	330	4-8-12-16	960
LR	800-1250	400	4-8-12-16	1440
LR	800-1600	400	4-8-12-16	960

*Minimum tip clearance is 1.5% of Nominal Diameter.

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