

## Wall Mounted - 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/NZS1668.1:2015

### Suggested Specification

Smoke Spill type fans shall be of the DP,SP Series manufactured by Pacific HVAC Engineering Pty Ltd. Fans shall be constructed from pressure die cast aluminium and galvanised or powder coated steel. All fans shall be fully tested in accordance with the requirements of AS4429(Int)-1996, AS4429:1999 and AS/NZS 1668. 1:1998

### Time and Temperature Ratings

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

### 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](http://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.



<b>Series</b>	DP Series Adjustable Pitch Axial Square Plate
<b>Ratings</b>	200°C for 120 minutes; 300°C for 30 minutes
<b>Certificate of Compliance</b>	SSFFD-4-310810

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

\*Minimum tip clearance is 1.5% of Nominal Diameter.



<b>Series</b>	SP Series Adjustable Pitch Axial Square Plate
<b>Ratings</b>	200°C for 120 minutes; 300°C for 30 minutes
<b>Certificate of Compliance</b>	SSFFD-5-310810

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

\*Minimum tip clearance is 1.5% of Nominal Diameter.