IP-V Filter Fan

IP-V4200

ABS | SELF-EXTINGUISHING UL94V-0 | IP54 | G3   125m³/h | 250mm x 250mm

IP Enclosures provide a range of high-qualiity ventilation fans and vents designed to efficiently control heat in electrical enclosures. The standard range is made from highly resistant, self-extinguishing ABS, providing IP54 protection. The modern Italian grille provides front access for fast and easy maintenance. IP Enclosures ventilation fans and vents are made in Italy.

Fans and vents are designed to provide filtered ambient air into the enclosure while ventilating hot air. Fans and vents include filters to prevent contaminants entering the enclosure while allowing clean air flow. On fan units, the fans are reversible. However, to minimise dust and moisture entering the enclosure, the fan and vent should be configured to force air in to pressurise the enclosure. For best performance, locate the fan at the bottom of the enclosure with vents located at the top, ideally diagonally opposite, to assist natural airflow and to maximise effectiveness.
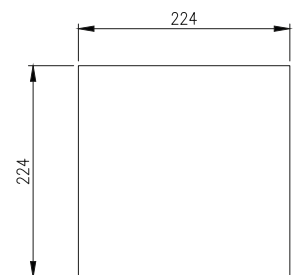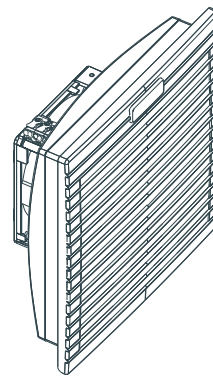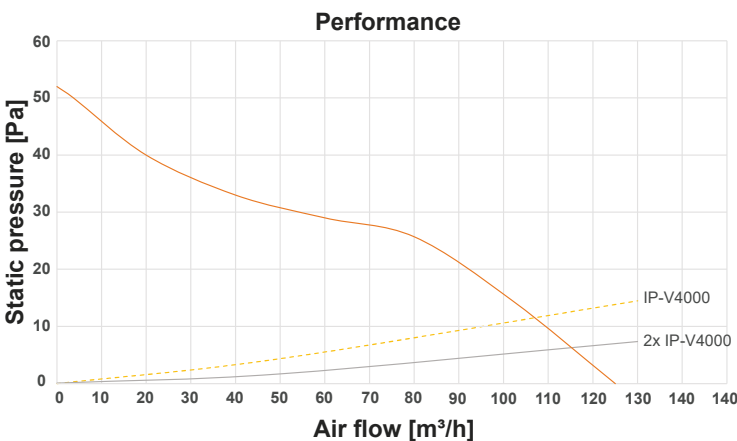
Protection: IP54

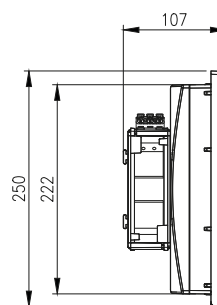**Standards (& Conformities):** EN60335-1, EN55014, EN6100-3-2, EN60529, Compliant to relevant Australian Standards

CE

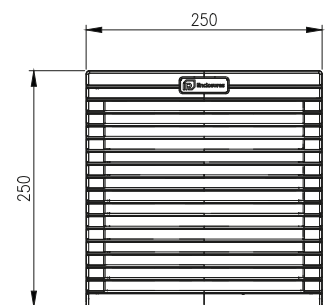**Material:**
- ABS, Self-extinguishing UL94V-0, RAL7035 Grey

Standard Filter: Self-extinguishing G3 synthetic fibre mat.

Performance

CUT-OUT DIMENSION

224

224

107

250

222

250

250

LEFT SIDE VIEW

FRONT VIEW

IP-V Filter Fan

IP-V4200

ABS | SELF-EXTINGUISHING UL94V-0 | IP54 | G3   125m³/h | 250mm x 250mm

Features	Unit	IP-V4200
Air flow rate (free blow)	m³/h	125 (135)
Air flow rate with exit filter	m³/h	102 (112)
Power supply	V/Hz	230 / 50-60
Dimensions HxWxD	mm	250x250x107
Power consumption	W	22 (21)
Current consumption	A	0.14 (0.12)
Overcurrent protection	-	Impedance
Electrical connection	-	3-poles spring terminals*
Duty cycle	-	100%
Operating temperature	°C (°F)	-10 / +70 (+14 / +158)
Protection degree / Class	-	IP54 / Class I
Noise Level	dB (A)	43 (49)
Flow direction	-	Reversible, default factory setting outside-in
Bearing	-	Ball
Filter mat EN779	-	G3
Service life (at 40°C)	hr	50 000
Material	-	Polycarbonate; Colour RAL7035 Grey
Wall thickness	mm	1.2 - 2.4
Gasket	-	Foam seal gasket
Weight (with packaging)	Kg	1.30 (1.50)
Package dimensions HxWxD	mm	270x270x165
Mounting	-	Fast clip-on
Conformity / Certifications	-	EN60335-1, EN55014, EN6100-3-2, EN60529, Compliant to relevant Australian Standards, CE

*0.5-2.5mm²

ACCESSORIES:

Part Number	Description
IP-VF4	Replacement Filter Mat for IP-V4000/4200/4300 Fans & Filters; 250mmH x 250mmW

CERTIFICATES:

IEC 60335-1 Safety of household and similar electrical appliances. IEC 60335-1:2010, COR1:2010, COR2:2011, AMD1:2013, COR1:2014, AMD2:2016, COR1:2016. Certificate RA-104-ELDO 2018
EN 60529: 1991; A1: 2000, A2: 2013. Certificate TR-104 ELDO 2018.
The above certificates demonstrate compliance to relevant Australian Standards for electrical safety.
Products are manufactured to Quality, Safety and Environmental Standards.