

# IP-V Filter Fan

# IP-V4400

ABS | SELF-EXTINGUISHING UL94V-0 | IP54 | G3 410m³/h | 250mm x 250mm

IP Enclosures provide a range of high-quality 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

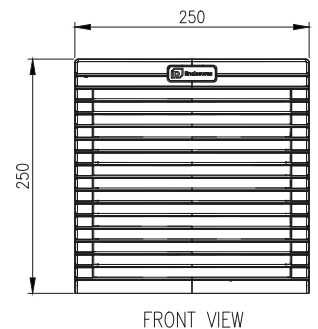
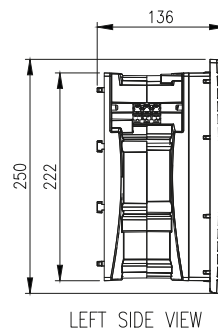
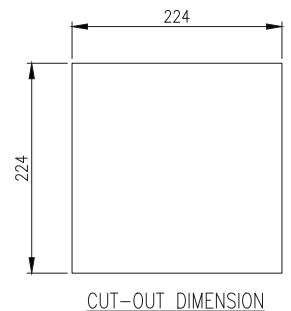
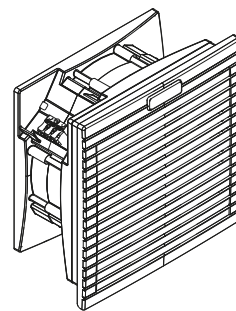
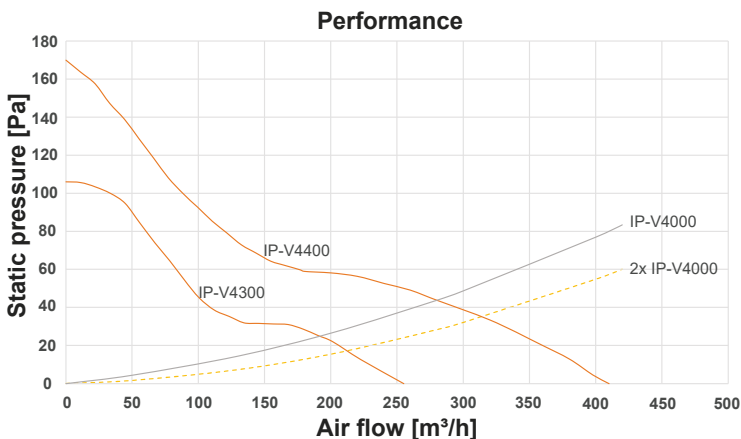
**Standards (& Conformities):** EN60335-1, EN55014, EN6100-3-2, EN60529, Compliant to relevant Australian Standards



**Material:**

- ABS, Self-extinguishing UL94V-0, RAL7035 Grey

**Standard Filter:** Self-extinguishing G3 synthetic fibre mat.



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| Features                       | Unit    | IP-V4400                                                                                       |
|--------------------------------|---------|------------------------------------------------------------------------------------------------|
| Air flow rate (free blow)      | m³/h    | 410 (445)                                                                                      |
| Air flow rate with exit filter | m³/h    | 280 (302)                                                                                      |
| Power supply                   | V/Hz    | 230 / 50-60                                                                                    |
| Dimensions HxWxD               | mm      | 250x250x136                                                                                    |
| Power consumption              | W       | 70 (90)                                                                                        |
| Current consumption            | A       | 0.40 (0.38)                                                                                    |
| Overcurrent protection         | -       | Thermal                                                                                        |
| 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)  | 65 (58)                                                                                        |
| 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      | 2.74 (2.94)                                                                                    |
| Package dimensions HxWxD       | mm      | 270x270x165                                                                                    |
| Mounting                       | -       | Fast clip-on                                                                                   |
| Conformity / Certifications    | -       | EN60335-1, EN55014, EN6100-3-2, EN60529, Compliant to relevant Australian Standards, <b>CE</b> |
| *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.