

Creality Falcon AP1 smoke extractor



Model: 4008060349

Manufacturer: CREALITY

EAN: 6977905741533

Product Code: 1181245

R12,224

Creality Falcon AP1 Smoke Absorber

Creality Falcon AP1 is an advanced smoke absorber that provides up to 99% air purification efficiency thanks to its innovative 360° airflow and multi-stage filtration system with HEPA and activated carbon filters. High performance, intelligent Wi-Fi control with automatic synchronization, real-time PM2.5 air quality monitoring, efficient filters, and quiet operation make the Falcon AP1 a reliable and comfortable solution for effective smoke and odor removal, designed for safe and peaceful work.

Breathe safely, create without limits

The Falcon AP1 can automatically select the best settings for the materials being processed. Thanks to the Auto-Tune function, the device always operates at optimal efficiency, which translates into more effective smoke and fume capture and stable working conditions. The high-performance HEPA filter with a large working area (up to 3 m²) effectively captures up to 99.97% of fine particles as

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small as 0.3 μm , providing a high level of protection against dust and micro-pollutants that are invisible to the naked eye.

Intelligent airflow

At the heart of the device is an innovative 360° airflow system, supported by a powerful motor. This solution enables fast and precise smoke capture directly at the source, before it has a chance to spread throughout the room. An air speed of up to 20 m/s guarantees instant capture of smoke and fumes. A flow rate of 250 m³/h ensures effective air circulation throughout the entire work area. Meanwhile, an impressive suction power of 1700 Pa enables effective extraction of contaminants exactly where they are generated.

Advanced filtration and monitoring

The five-stage filtration system is designed to eliminate smoke, fumes, and unpleasant odors as much as possible, capturing even the smallest particles. The built-in PM2.5 digital display allows you to monitor the air quality around your workstation in real time, while the filter life cycle monitoring system analyzes their wear and tear on an ongoing basis. Up-to-date data on the level of harmful particles gives you full awareness of the effectiveness of the purification process and helps you maintain healthy conditions at all times.

Convenient remote control

The Falcon AP1 is the world's first Wi-Fi-controlled fume extractor that offers full integration and smart features such as: automatic on/off synchronized with Falcon lasers, delayed shutdown that can be adjusted to ensure that all fumes are removed, as well as remote control, air quality monitoring, and filter wear detection. Everything for maximum convenience and control.

Maximum odor absorption

The ultra-dense 1.4 kg carbon cartridge effectively captures contaminants at the molecular level. This system is designed to eliminate intense odors such as fumes from acrylic or leather processing. The advanced design of the filtration system significantly reduces downtime and operating costs. A standard filter lasts up to 1,000 hours, while a V-Fold carbon filter lasts up to 1,500 hours. This is up

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to 5 times better than the market average of around 200 hours, making the AP1 an extremely durable and cost-effective solution.

Intelligent and quiet operation

The device automatically selects the optimal filtration mode depending on whether cutting or engraving is being performed. This solution allows you to maintain high cleaning efficiency without the need for manual intervention. What's more, despite its advanced technology and high cleaning power, the Falcon AP1 is extremely quiet. With a noise level of only 57 dB, the device does not distract or disturb concentration, allowing for comfortable work even in enclosed spaces.

Included in the set

- smoke absorber
- filter 1 (factory installed)
- filter 2 (factory installed)
- hose clamps x2
- power cord
- air duct connector
- Type-C data cable
- exhaust pipe
- user manual

Manufacturer	Creality
Model	Falcon AP1
Product dimensions	460 x 270 x 430 mm
Weight	10 kg
Air inlet channel size	φ65 mm
Input voltage	110-230 V ~ 50-60 Hz
Output voltage	DC24V
Maximum power	150W

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Operating noise 62dB

Maximum air flow 250M3/h

Operating temperature -20~50°C

Safety certificates CE, ROHS, FCC

Filter configuration High-efficiency HEPA composite filter, activated carbon filter

GPSR Link: <https://psr->

assets.innpro.pl/creative_technologies/sg_creative_technologies_laser_engravers_and_cutters.pdf,

Gross weight: 14320, Box length: 60,00, Box width: 34,50, Box height: 53,00, Net weight: 13300

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