

HEPA Fume Extraction System 110W - Hakko FA-430

Item no. HK-FA-430-12

Manufacturer Hakko

EAN 4962615035913

Professional HEPA fume extraction system with 99.97% particle filtration (0.3µm+). Features intelligent filter replacement notification, quiet operation at 53dB, and adjustable airflow for laboratory and office soldering environments.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Japan
HS-Code	84213925
Note	Es gibt keine Lieferung von Hakko Produkten in die Schweiz
Weight	0.0099 kg



DESCRIPTION

OVERVIEW

The Hakko FA-430 is a professional-grade fume extraction system employing advanced HEPA (High Efficiency Particulate Air) filtration technology. Designed specifically for electronics soldering in laboratory and office environments, it captures 99.97% of particles greater than 0.3µm, ensuring a clean and safe working atmosphere while maintaining quiet operation.

KEY FEATURES

- HEPA filter technology capturing 99.97% of particles $\geq 0.3\mu\text{m}$
- Intelligent filter replacement notification system with visual indicators
- Three-speed operation: HIGH (53dB), MEDIUM (50dB), LOW (44dB)
- Integrated silencer unit for quiet exhaust airflow
- High-performance motor delivering 1,500 Pa static pressure
- ESD safe design for sensitive electronics work
- Pre-filter replacement alert at 80% clogging or 200 hours use
- Main filter alert when 10th pre-filter requires replacement
- Adjustable airflow to suit various working environments

TECHNICAL SPECIFICATIONS

Parameter	Value
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Power Consumption	110W
Airflow - HIGH	4.7 m³/min (53dB)
Airflow - MEDIUM	3.7 m³/min (50dB)
Airflow - LOW	2.8 m³/min (44dB)
Static Pressure	1,500 Pa
Filter Type	HEPA (99.97% ≥0.3µm)
Duct Length	1.2m
ESD Safe	Yes

APPLICATIONS

Ideal for electronics soldering, PCB assembly, and rework operations in laboratory, office, and light industrial environments. The quiet operation and powerful suction make it suitable for shared workspaces where noise reduction is important.

SCOPE OF DELIVERY

- FA-430 Fume Extraction Unit
- Main HEPA Filter
- Pre-filter Mats (10 pieces)
- Flexible Duct (1.2m)
- Instruction Manual