TECHNICAL DATA SHEET

FAE1 Fume Extractor with FAE1100 for 1 Workbench

FAE1 is an **optimal solution to avoid exposure to solder fumes. It operates only during soldering** and features a unique vacuum system integrated into the stand.
It provides 80 m³/h of airflow , optimizing **fume extraction across one workbench** while meeting industry standards and ensuring improved air quality.
The tool includes **FAE1100 Filter** (**FAE1110 Pre-Filter** + **HEPA H13** + Carbon Filter). This three-stage system achieves a certified filtration efficiency of 99.95%, complying with EN 1822 requirements.
FAE1 can be controlled via **JBC Stations, a pedal, a robotic system, or a PC.**
It offers **three predefined airflow levels: low, medium, and high,**as well as a custom mode that allows adjustment between minimum (10%) and maximum (100%) airflow rates.



REFERENCES

FAE1-1C - 120 V
FAE1-2C - 230 V
FAE1-9C - 100 V

PRODUCT COMPOSITION

1 - Instruction Manual
1 - FAE1 Fume Extractor with FAE1100 for 1 Workbench

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SPECIFICATIONS

Blower type	Brushless
Max. flow rate	230m3/h (135 CFM)
Max. vacuum	3.2 kPa (0.46 psi) - 100 V 4.3 kPa (0.62 psi) - 120 V 6 KPa (0.87 psi) - 230 V
Work areas	1 or 2
Noise Level	55 dB @ 1m
ESD safe	Meet ANSI/ESD S20.20
Pre-filter	Medium Dust Filter M5 (EN 779)
Compact filters	HEPA filter H13 (EN 1822) and Active Carbon filter
Connections	USB-B Pedal connector Station connectors RJ12 (4x)
Input power	200W. Fuse 4A - 100 V 270W. Fuse 4A - 120 V 300W. Fuse 2.5A - 230 V

WEIGHT AND DIMENSIONS

Control Unit	380 x 340 x 475 mm / 10.87 kg 14.96 x 13.39 x 18.70 in / 23.96 lb
Package	425 x 425 x 545 mm / 12.90 kg 16.73 x 16.73 x 21.46 in / 28.44 lb