

JBC FAE1

Fume Extractor with FAE1100 for 1 Workbench



Discover FAE1



FAE1 is the most effective solution to avoid exposure to solder fumes. **FAE1** only operates when soldering and features a unique vacuum system integrated into the stand.

It consists of FAE1110 Pre-filter and FAE1100 Filter (**HEPA H13 + Carbon**). This three-layered system achieves a certified efficiency of 99.95% in filtering soldering fumes, meeting EN 1822 standards.

FAE1 can be controlled via **JBC Stations**, a pedal, a robotic system or a PC.

FAE1 provides direct connection of **up to 4 soldering or rework stations** with a total of 4 tools.

It has **3 predefined levels of aspiration: low, medium and high**. It also features a custom mode where the airflow can be set within the minimum (10%) and maximum rates (100%).

Don't believe us...
TRY IT!



100 V

Brushless

REFERENCES **FAE1-9B** **FAE1-1B** 120 V
FAE1-2B 230 V

PRODUCT COMPOSITION

- [Instruction Manual](#)
- FAE1 Fume Extractor with FAE1100 for 1 Workbench

Blower type

Max. flow rate

180m³/h (106 CFM)

Max. vacuum

3.2 KPa (0.46 psi)

Work areas

1 or 2

Noise Level

55 dB @ 1m

ESD safe

Meet ANSI/ESD S20.20-2014

Pre-filter

Medium dust filter M5 (EN 779)

Compact filters

HEPA filter H13 (EN 1822)
Carbon filter

USB-B

PC communications

**Pedal connector
Connections**

Station connectors (4x)

Output peak power

95W. Fuse 2A (100 V)
110W. Fuse 2A (120 V)
110W. Fuse 1.25A (230 V)

WEIGHT AND DIMENSIONS

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.

Copyright © 2024 JBC Soldering S.L. | [Legal Notice](#) | [Privacy Policy](#) | [Terms and Conditions](#) | [Cookie policy](#) | [Internal Communication](#) |
[RSS Feed](#) | [JBC Store](#) | [Contact Us](#)

CONNECTABLES

Accessories



P-005

Pedal



P-405

Pedal for Nano Rework Station

Consumables



FAE1-100

Filter with HEPA H13 for Fume Extractor



FAE1-110

Pre-filter for FAE1 Fume Extractor



FAE010

Flexible Hose Ø50 mm



FAE020

Ø50 mm Flexible Arm



FAE070

Flexible Arm with Clamp Ø50 mm



FAE080

Rectangular Nozzle for FAE



FAE081

Round Nozzle for FAE



FAE030

Collector Flange for Stand Aspiration Ducts



FAE040

Collector Flange for Stand Aspiration Ducts



FAE050

Fume Aspiration Duct for Modular Stand



FAE060

Fume Aspiration Duct for Compact Stations



0019101

Cap replacement for FAE030 & FAE040