# FAE1

## Fume Extractor for 1 workbench



FAE is **the most effective solution to avoid exposure to solder fumes. The extractor activates and operates only when soldering**.

The extractor starts up only when soldering. This function not only saves power, but also extends the life span of the equipment, including the filter.

FAE1 stand has an **integrated vacuum system** that detects when the tool is at rest and automatically **absorbs excess fumes**.

FAE1 provides direct connection of up to 4 soldering or rework stations and an additional 4 fume extraction stands.

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

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!**

FREE TRIAL 30 DAY

## REFERENCES

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

## PRODUCT COMPOSITION

1 FAE1 Fume Extractor for 1 workbench

## SPECIFICATIONS

| | |
|---|---|
| **SELECTABLE PARAMETERS** | |
| **Aspiration flow rate** | Low / Medium / High / Custom |
| **Operation modes** | Automatic (JBC Stations)<br>Continuous<br>Pedal<br>RS-232 remote control |
| **OTHERS** | |
| **Blower type** | Brushless |
| **Max. flow rate** | 180m3/h (106 CFM) |
| **Max. vacuum** | 3.2 KPa (0.46 psi) |
| **Work areas** | 1 |
| **Noise Level** | 55 dB @ 1m |

| | |
|---|---|
| **FILTERS** | |
| **Pre-filter** | Medium dust filter M5 (EN 779) |
| **2 Stages Main Filter** | 1st stage H13 filter for solid particles (EN 1822)<br>2nd stage Carbon filter for gases depuration |
| **CONNECTIVITY** | |
| **USB-B** | Firmware update |
| **RJ12 Connector** | Direct connection for 4 Stations |
| **Pedal** | Optional tool control |
| **ESD/EOS** | |
| **ESD safe** | |
| **POWER SUPPLY** | |
| **Peak power** | 95 W (100 V)<br>110 W (120 V)<br>110 W (230V) |
| **DIMENSIONS AND WEIGHT** | |
| **Unit** | 380 x 340 x 475 mm / 10.50 kg.<br>14.96 x 13.39 x 18.70 in / 23.15 lb. |
| **Package** | 425 x 425 x 545 mm / 12.76 kg.<br>16.73 x 16.73 x 21.46 in / 28.12 lb. |