

## ESD extraction kit FAE1-2K1D for soldering fumes, for 1 workstation, 230 m<sup>3</sup>/h, 230 V

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FAE is a highly effective solution for reducing exposure to soldering fumes. The extraction system is activated as soon as the device is lifted from the stand and only runs during the soldering process. This automatic activation reduces power consumption and extends the service life of the filter.

The flexible arm provides an airflow of 80 m<sup>3</sup>/h, optimizing extraction at a workbench while meeting industry standards and ensuring improved air quality.

Included in the scope of delivery:

- FAE1100 filter (FAE1110 pre-filter + HEPA H13 + activated carbon filter): a three-stage system that achieves a certified filtration performance of 99.95% and meets the requirements of the EN 1822 standard.
- FAE010: Suction hose connecting the FAE1 to the flexible arms FAE022 or FAE072.

- FAE072: Flexible arm designed to be attached to the worktable using a clamp.
- P405: Enables activation of the extraction system without connection to the JBC station.

#### Technical data:

- Blower type: Brushless
- Max. Air flow rate: 230 m<sup>3</sup>/h (135 CFM)
- Max. Vacuum pressure: 6 kPa (0.87 psi) - 230 V
- Working ranges: 1 or 2
- Noise level: 55 dB at 1 m
- ESD-safe: Complies with ANSI/ESD S20.20
- Pre-filter: Medium dust filter M5 (EN 779)
- Compact filter: HEPA filter H13 (EN 1822) and activated carbon filter
- Connections: USB-B, pedal connection, station connections RJ12 (4x)
- Input power: 300 W. Fuse 2.5 A - 230 V

#### Weight and dimensions

- Device  
380 x 340 x 475 mm / 13.90 kg.  
14.96 x 13.39 x 18.70 in / 30.64 lb.
- Packaging  
620 x 460 x 715 mm / 20.42 kg.  
24.41 x 18.11 x 28.15 in / 45.02 lb.

|                                 |                                                                                   |
|---------------------------------|-----------------------------------------------------------------------------------|
| Item no.                        | <b>WL92440</b>                                                                    |
| Manufacturer                    | JBC                                                                               |
| Manufacturer article no.        | FAE1-2K1D                                                                         |
| GPSR manufacturer data          | JBC Soldering SL<br>Ramón y Cajal 3<br>ES-08750 Molins De Rei<br>www.jbctools.com |
| Length                          | 380 mm                                                                            |
| Width                           | 340 mm                                                                            |
| Height                          | 475 mm                                                                            |
| Length with packaging           | 620 mm                                                                            |
| Width with packaging            | 715 mm                                                                            |
| Height with packaging           | 460 mm                                                                            |
| Length with packaging in inches | 24.41 in                                                                          |
| Width with packaging in inches  | 28.15 in                                                                          |
| Height with packaging in inches | 18.11 in                                                                          |
| Scope of delivery               | 1x FAE1100 filter                                                                 |

#### Products for the electronic industry



|                      |                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                      | 1x FAE010<br>1x FAE072<br>1x P405                                                                                                                                                        |
| Sales unit           | 1 piece                                                                                                                                                                                  |
| Content unit         | 1 piece                                                                                                                                                                                  |
| Product series       | FAE                                                                                                                                                                                      |
| Volume (max.)        | 55 dBA                                                                                                                                                                                   |
| Power                | 300 W                                                                                                                                                                                    |
| Voltage              | 230 V                                                                                                                                                                                    |
| Vacuum               | 6 kPa                                                                                                                                                                                    |
| Matching accessories | CDN, CDS, CDB, CDEB, CP, CS, CA, DI, DDE, DME, HDE, JNA, JTSE, NAE, P005, P405, FAE1100, FAE1110, FAE010, FAE022, FAE072, FAE090, FAE091, FAE092, FAE093, FAE030, FAE040, FAE050, FAE060 |
| ESD compliant        | yes                                                                                                                                                                                      |