



A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

# T 100

Last Updated on 02.02.2022



Centralised tip extraction for lead and lead-free solder applications.

The T 100 high vacuum units are designed to extract and filter fumes and debris through small bore hoses and attachments. Ideally suited for soldering iron tip extraction, vac pens and any application requiring close proximity, microextraction.

Due to high concentration of debris generated from up to 100 operators, this system has been designed to keep the unit compact, but still utilise a comprehensive filter system. With this in mind, the unit incorporates a facility for retaining particulate within the filter enclosure.

## Technology



HEPA filter



Reverse flow air technology



Advanced carbon filter technology



ProTECT service plan



SureCHECK quality standard

## Key features of the T100

**Reverse flow**  
Standard

**Low noise levels**  
Standard

**Filter change indicator**  
Standard

**Small footprint**  
Standard

**Brushless motor**  
Standard

**Tip extraction iron kit**  
Optional

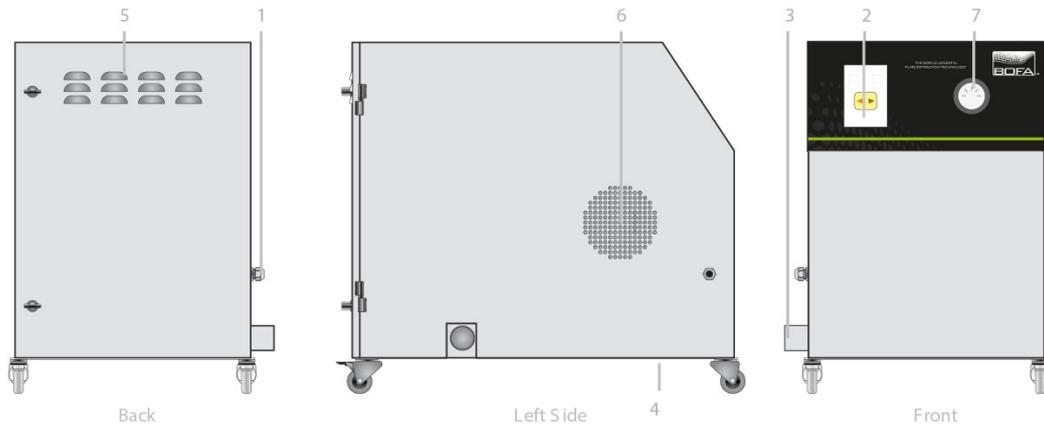
Contact BOFA at <https://bofainternational.com/en/contact/>  
<https://bofainternational.com/en/portal/datasheets/t100/>



Approvals: REACH and RoHS. See individual product technical data for specific accreditations

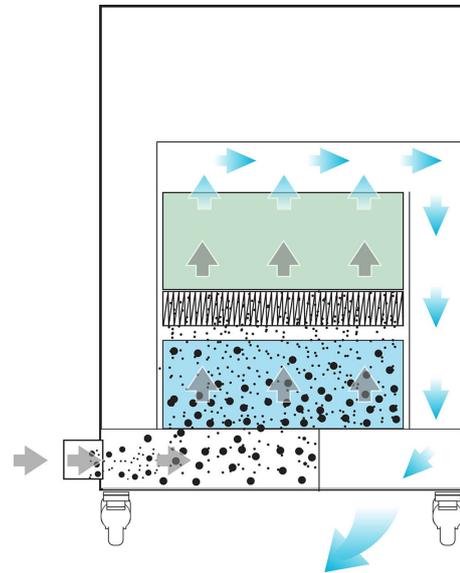
## Technical specification

- 1. Mains cable inlet
- 2. Main switch
- 3. 50mm inlet
- 4. Exhaust outlet
- 5. Motor cooling outlet
- 6. Motor cooling inlet
- 7. Pressure gauge



## Airflow through filters

-  Chemical filter
-  HEPA filter
-  Pre-filter
-  Clean air
-  Contaminated air
-  Particulate



## Technical data

	EU	US
Dimensions (HxWxD)	700 x 475 x 770 mm	27.6 x 18.7 x 30.3"
Cabinet construction	Powder coated mild steel	Powder coated mild steel
Recommended flow rate with filters fitted (per tip)	22 L/M	22 L/M
Electrical data	415v Three-phase 3~ 50Hz / 2.2 kw / 5.6A	415v Three-phase 3~ 50Hz / 2.2 kw / 5.6A
Noise level	< 70dBA (at typical operating speed)	< 70dBA (at typical operating speed)
Weight	80kg	176lbs
Pre-filter efficiency	85% @ 0.8 microns	85% @ 0.8 microns
HEPA filter efficiency	99.997% @ 0.3 microns	99.997% @ 0.3 microns
Gas filter	Treated activated carbon	Treated activated carbon
Approvals	UKCA and CE	UKCA and CE

## Unit specifications

	415v
Maximum number of soldering Irons	100

## Unit part numbers

Model	Voltage	Part no.
T 100 Powder coated	415v	E0642A0000

## Filter part numbers

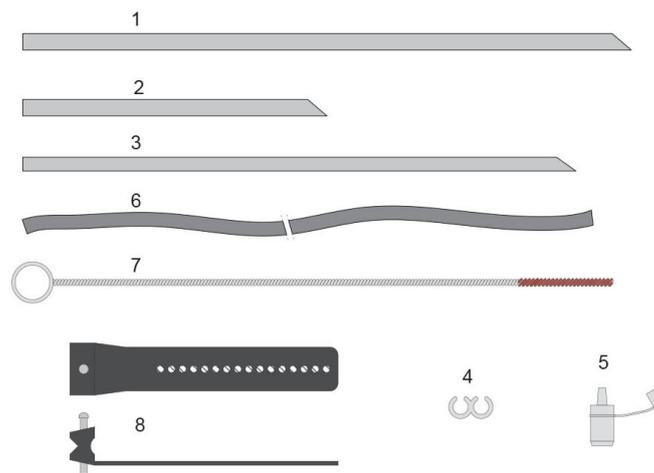
Model	Pre-filter part no.	Combined filter part no.
T 100	A1030165	A1030164

## Universal adjustable iron kit part numbers

Model	Part number
Non ESD	A1090025
ESD	A1090026

### Universal iron kit components (Maximum number of soldering irons - 100)

1. 6mm stainless steel tube 220mm long
2. 6mm stainless steel tube 110mm long
3. 5mm stainless steel tube 200mm long
4. 4 x E clips
5. 1 x clear plug
6. 2.5m of 6.5mm x 4.5mm silicone hose
7. Small brass brush
8. Rubber tube to iron strap



Other languages

T 100  
[French](#)

*Datasheet correct at time of publishing.*

*Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOCs, however it is the responsibility of the user to ensure the carbon is suitable for their application. For specific applications, please contact us for details.*

**Important Notice:** *Many factors beyond the control of BOFA can affect the use and performance of BOFA products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, product specifications, availability and data are subject to change without notice, and may vary by region or country.*

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