



A Donaldson Company

A WORLD LEADER IN FUME
EXTRACTION TECHNOLOGY

T 30A

ELECTRONICS

Last Updated on 02.02.2022



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

The T 30A high vacuum unit has been designed to extract and filter fumes and debris through small bore hoses. Ideally suited to hand soldering iron tip extraction, the unit will protect up to 30 operators. The unit can also be used for vac pens and any application requiring close proximity, microextraction.

Automatic flow control comes as standard. This allows the unit to be set to the optimum flow rate to suit the number of operators connected to the system. The unit will then maintain the set airflow over the life of the filters.

Technology



HEPA filter



Automatic flow control (AFC) technology



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

Key features of the T 30A

Automatic flow control
Standard

'Easi-seal' filter location
Standard

Low noise levels
Standard

Tip extraction iron kit
Optional

Reverse flow air technology
Standard

Small footprint
Standard

Brushless motor
Standard

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

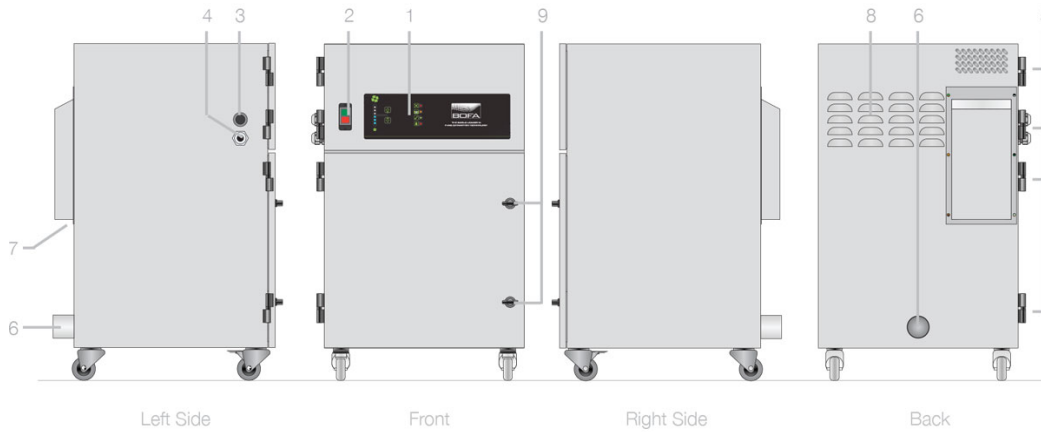
<https://bofainternational.com/en/portal/datasheets/t30a/>



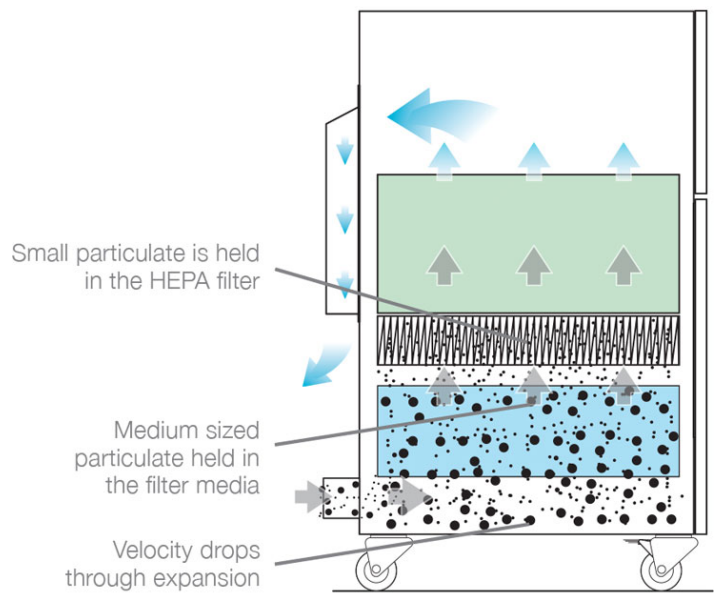
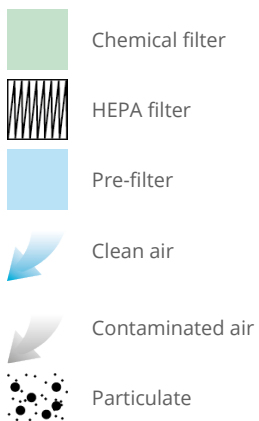
Approvals: REACH and RoHS. See individual product technical data for specific accreditations

Technical specifications

- | | | | |
|--|------------------------------------|-------------------|-----------------------------|
| 1. Unit / filter condition display
- automatic flow control | 2. On / off switch | 3. Power cable | 4. Signal / interface cable |
| 5. Door hinge | 6. Hose inlet connection -
50mm | 7. Exhaust outlet | 8. Motor cooling inlet |
| 9. Door latch | | | |



Airflow through filters



Technical data

	EU	US
Dimensions (HxWxD)	725 x 450 x 480 mm	28.54 x 17.72 x 18.90"
Cabinet construction	Brushed stainless steel / powder coated mild steel	Brushed stainless steel / powder coated mild steel
Recommended flow rate with filters fitted (per tip)	22 L/M	22 L/M
Electrical data	230v single-phase 1~ 50/60Hz full load current: 7.3 amps / 1.1kw	230v single-phase 1~ 50/60Hz full load current: 13 amps / 1.1kw
Noise level	< 68dBA (at typical operating speed)	< 68dBA (at typical operating speed)
Weight	56kg	125lbs
Pre-filter efficiency	85% @ 0.8 microns	85% @ 0.8 microns

Technical data

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

Part numbers

Model	Voltage	Part number	24v stop / start	Filter change / system failure signal	VOC monitoring
T 30A	230V	E2142A	A2001	A2002	A2003

Filter part numbers

Model	Pre-filter part number	Combined filter part number
T30A	A1030093	A1030399

Universal adjustable iron kit part numbers

Model	Part number
Non ESD	A1090025
ESD	A1090026

Universal iron kit components (Maximum number of soldering irons - 30)

1. 6mm stainless steel tube
220mm long

2. 6mm stainless steel tube
110mm long

3. 5mm stainless steel tube
200mm long

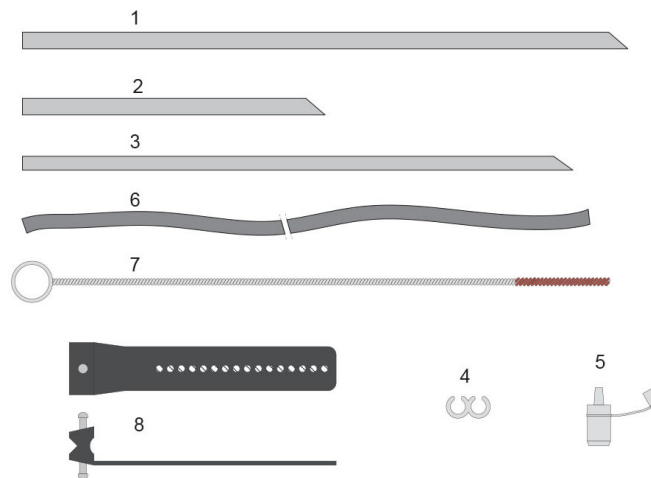
4. 4 x E clips

5. 1 x clear plug

6. 2.5 metres of 6.5mm x
4.5mm silicone hose

7. Small brass brush

8. Rubber tube to iron strap



Other languages

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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