

A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY



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Single tip extraction for all solder applications.

The T 1 high vacuum unit is 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, micro extraction.

### Technology



**HEPA** filter



Advanced carbon filter (ACF) technology



ProTECT service plan



SureCHECK quality standard

## Key features of the T 1

Compact design Standard

**Low noise level** Standard

**Tip extraction iron kit** Optional

**High vacuum pumps** Standard

**3 stage filtration** Standard

Contact BOFA at www.donaldsonbofa.com/contact/

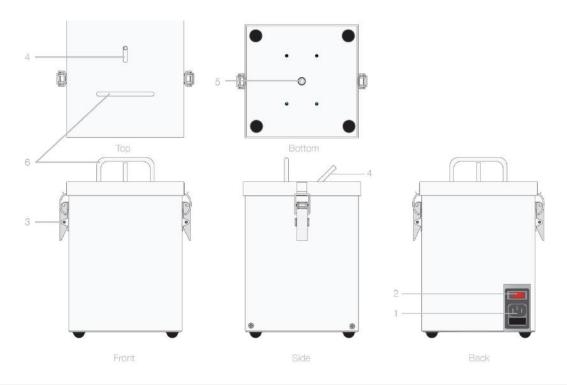
www.donaldsonbofa.com/fume-extraction-systems/t-1/



# **Technical specification**

- 1. Power inlet
- 2. On / off switch
- 3. Filter latch
- **4.** Hose inlet connection 6mm

- 5. Exhaust outlet
- 6. Handle



# Airflow through filters



Chemical filter



HEPA filter



Pre-filter



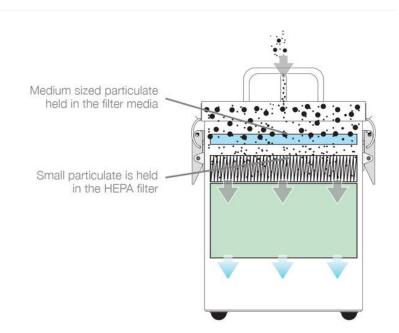
Clean air



Contaminated air



Particulate



Technical data		
	EU	US
Dimensions (HxWxD)	270 x 200 x 185mm	10.63 x 7.87 x 7.28"
Cabinet construction	Powder coated mild steel	Powder coated mild steel

Technical data		
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: 0.25amps / 40w	115v 60/50Hz Full load current: 0.46amps / 32w
Noise level	< 56dba (at typical operating speed)	< 56dba (at typical operating speed)
Weight	5kg	11lbs
Pre-filter efficiency	F7 (85% @ 0.8 microns)	F7 (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 part numbers		
Model	Voltage	Part no.
T 1 Powder coated	230V	E0142A0000
T 1 Powder coated	115V	E0141A0000

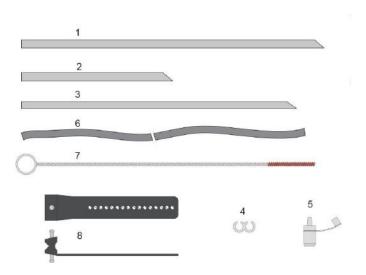
Filter part numbers		
Model	Pre-filter part number	Combined filter part number
Т1	A1030087	A1030086

Universal adjustable iron kit part numbers		
Model	Part no.	
Non ESD	A1090025	
ESD	A1090026	



### (Maximum number of soldering irons: 1)

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



#### 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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