



A Donaldson Company

A WORLD LEADER IN FUME EXTRACTION TECHNOLOGY

T 1

Last Updated on 29.08.2018



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 <https://bofainternational.com/en/contact/>

<https://bofainternational.com/en/portal/datasheets/t-1-2/>



Technical specification

1. Power Inlet

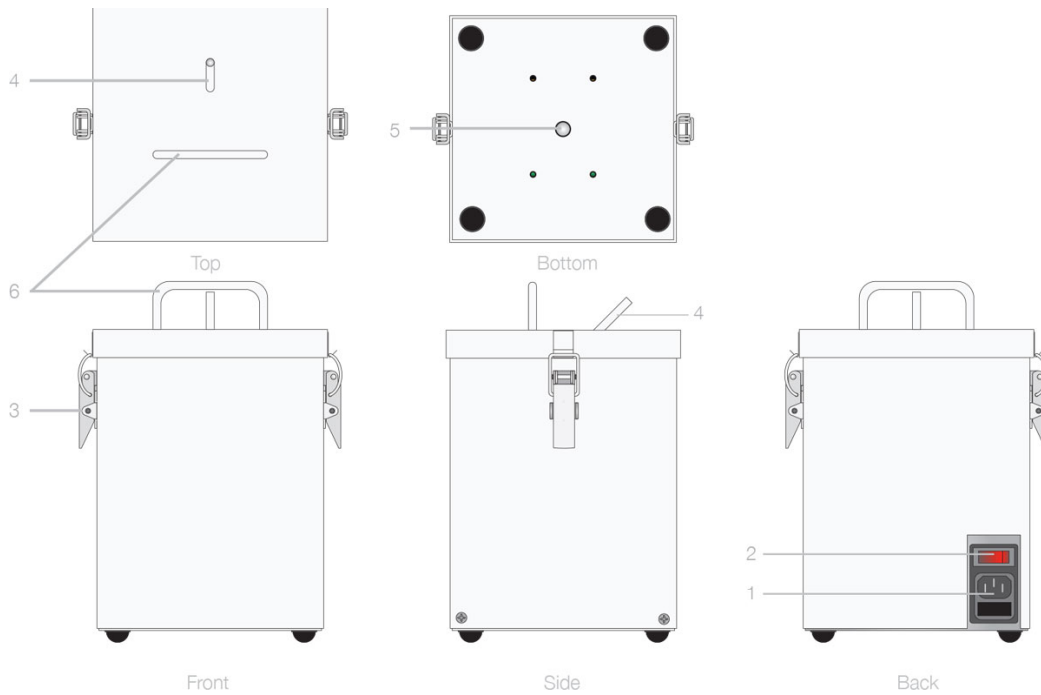
2. On / Off Switch

3. Filter Latch

4. Hose Inlet Connection - 6mm

5. Exhaust Outlet

6. Handle



Airflow Through Filters

 Chemical Filter

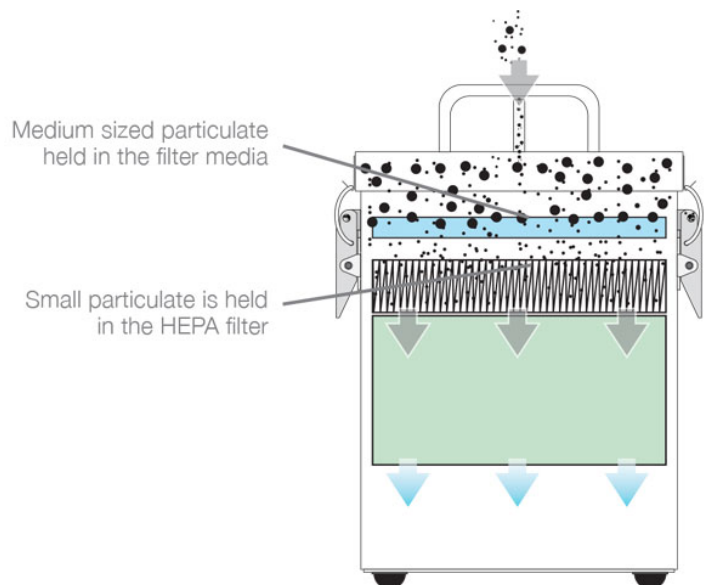
 HEPA Filter

 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
Recommended flow rate with filters fitted (per tip)	22 L/M	22 L/M
Electrical data	230v 1ph 50/60Hz Full load current: 0.25amps / 40w	115v 60/50Hz Full load current: 0.46amps / 32w
Noise level	< 48dba at typical operating speed	< 48dba 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	CE	CE

Unit part numbers

Model	Voltage	Part Number
T 1 Powder coated	230V	E0142A0000
T 1 Powder coated	115V	E0141A0000

Filter part numbers

Model	Pre Filter Part Number	Combined Filter Part Number
T 1	A1030087	A1030086

Universal adjustable iron kit part numbers

Model	Part number
Non ESD	A1090025
ESD	A1090026



Universal iron kit components (Maximum number of soldering irons: 1)

1. 6mm stainless steel tube
220mm long

2. 6mm stainless steel tube
110mm long

3. 5mm stainless steel tube
200mm long

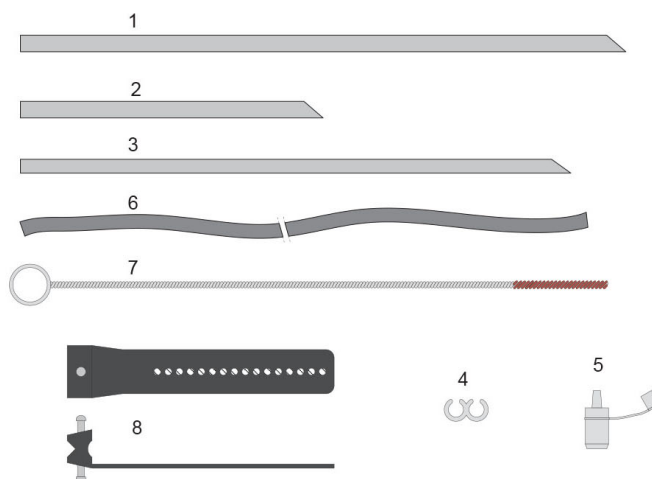
4. 4 x E clips

5. 1 x clear plug

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

7. Small brass brush

8. Rubber tube to iron strap



Other languages

T 1 datasheet
[Spanish](#)

T 1 datasheet
[German](#)

T 1 datasheet
[French](#)

T 1 datasheet
[Italian](#)

Datasheet correct at time of publishing.

Where applicable, the carbon used in BOFA units is capable of removing a wide range of VOC's, 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.

Think before you print! Please consider the environment before printing this document.

