



Weller Tools GmbH
Carl-Benz-Str. 2
74354 Besigheim, Germany
Tel: +49 (0) 7143 580-0
Fax: +49 (0) 7143 580-108
www.wellerft.com

39077-1 / 09.2014



Content

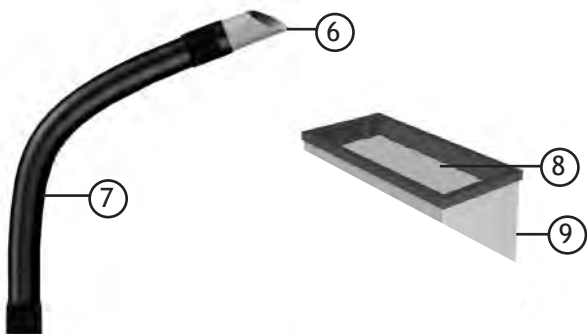
| | | |
|----|-------------------------|---|
| 1. | Introduction | 2 |
| 2. | Content | 2 |
| 3. | Safety instructions | 3 |
| 4. | Put into operation | 3 |
| 5. | Troubleshooting | 4 |
| 6. | Maintenance and service | 5 |
| 7. | Technical data | 6 |
| 8. | Article numbers | 6 |
| 9. | Warranty | 7 |

1. Introduction

Filter system designed to catch and eliminate hazardous gases and particles in different applications like soldering, gluing, solvents etc. It is delivered as a complete kit containing everything required for two work stations.

2. Content

1. Hose connection
2. Top
3. Locks
4. Power intake with fuse and circuit breaker
5. Control panel
6. Nozzle x 2
7. Extraction arm x 2
8. Pre filter
9. Main filter



9. Warranty

Warranty: 1 year (except for filters). The time is measured from date of invoice.

Always contact the supplier before returning a product.
The invoice has to be shown at the time of the complaint.

7. Technical data

| | |
|--|---|
| Width x height x depth | 456 x 496 x 200 mm |
| Weight | 12 kg |
| Sound level at 1 meter | > 52 dB(A) |
| Voltage | 100/240 V |
| Effect | 100 watt |
| Glass tube fuse | 2 x 6,3 AT, 250 V |
| Maximum suction capacity | 100 m ³ /h |
| Blower capacity | 140 m ³ /h |
| Micro filter HEPA class H13, Separation degree, MPPS | >99,95 % |
| Gas filter - Separation degree | >95 % |
| Pre filter | F7 |
| Filter monitoring system | Yes |
| Warranty (excl. filter) | 2 years |
| ESD approval, SP Dno | 230-05-0189 |
| CE-guidelines | 73/23, 89/336, 89/392, 91/368, 92/31, 93/44, 93/68 |
| RoHS | Yes |

8. Article numbers

| | |
|---|--------------|
| MG130 Fume extraction | 130-1000-ESD |
| MG130 Filter system (2x Arm OF10 + 2x Nozzle FT-NL) | 130-1055-ESD |
| MG130 Filter system (2x Arm OF10 + 2x ALFA-Nozzle) | FT91000103 |
| Main filter | 130-2000-ESD |
| Pre filter F7 (5 pcs) | 130-2010 |

3. Safety instructions

The unit must not be exposed to temperatures exceeding 50° C, open flames or condensed solvents.

Switch off the filter unit when changing filter.

4. Put into operation

The best possible gas filtration will be achieved if:

- Process air temperature in the gas filter < 38 °C
- Relative humidity < 60 %
- Gas molecules > 30 g / mol (filtration better with larger molecules)
- Boiling temperature of gas molecules > 0 °C



NOTE! The unit may dust some from the main filter after transportation. Make sure the starting of the filter system is made in an appropriate room.

The suction capacity can be adjusted in three steps by pressing the reset button at the control panel repeatedly.

5. Troubleshooting



Do not modify the filter unit.

- If the filter unit is out of order, please check:

- the electricity supply is connected in a correct way.
- the fuse is whole.

- If alarm sounds when starting and red indicator flashes:

Recommended filter lifetime is exceeded. Indicates exchange of main filter. Restore the alarm with the reset button on the control panel and plan for filter exchange. See "Exchange of main filter" under headline 6 "Maintenance and service".

- If alarm sounds when starting and red indicator is lighted:

Suction capacity is low. Restore the alarm with the reset button on the control panel and switch off the filter unit. Check nozzles and tubes, clean if necessary. If the alarm comes back when starting, the filter is used and must be changed. See "Exchange of main filter" under headline 6 "Maintenance and service". If no action is taken, the filter unit stops after five minutes to protect from overheating.

The main filter should be changed at least once a year to guarantee the separation degree on gases.

6. Maintenance and service

Exchange of pre filter:

1. Switch off the filter system (5).
2. Open the locks (3) and remove the lid (2).
3. Replace the pre filter(8).
4. Put the top (2) and the locks (3) back.

Exchange of main filter:

1. Switch off the filter system (5).
2. Open the locks (3) and remove the lid (2).
3. Pull the main filter (9) straight up.
4. **NOTE!** Mark the new filter with the date of change.
5. Assemble the new filter. Make sure that the inlet to the fan fits to the connection in the bottom of the filter.
6. Put the top (2) and the locks (3) back.



When changing the main filter, the filter time is set to zero by keeping the reset button pressed and turning the switch on at the same time.

NOTE! The reset button must be pressed until the red light-emitting diode acknowledge the order.

To guarantee a satisfactory function, clean the nozzles and the extraction arms regularly.