

1. Warning information



1. The power cord may be inserted in approved power sockets or adapters only.

2. Keep your working area tidy.

Untidiness in the working area can result in accidents.

3. Take account of environmental influences.

Do not expose the power tool to rain. Do not use power tools in damp or wet environments. Ensure that lighting is good. Do not use the power tool near flammable liquids or gases.

4. Protect yourself against electric shock.

Avoid touching parts of the body with earthed components, e.g. pipes or heating elements.

5. Keep children away.

Do not let other people touch the power tool or the cable. Keep other people away from your working area.

6. Store the power tool safely.

Power tools which are not in use should be stored in a dry and sealed-off location, outside the reach of children.

7. Do not overload the power tool.

You will work better and more safely within the stated power range.

8. Use the correct power tool.

Do not use machines which have insufficient power for heavy-duty tasks. Do not use the power tool for purposes for which it is not designed.

9. Wear suitable working clothes.

Do not wear any wide clothing or jewellery; you could be trapped by movable parts. Wear appropriate protective clothing to guard against burns. There is a risk of burning by liquid solder.

10. Protect your eyes.

Wear protective goggles. When handling adhesives, special attention must be paid to the warning information given by the adhesive manufacturer. Protect yourself against splashes of solder. There is a risk of burning by liquid solder.

11. Use the soldering fume extraction device suited to the work location.

If appliances for the connection of soldering fume extraction devices are available, satisfy yourself that these are in perfect condition and that they are being used correctly.

12. Do not use the cable for purposes other than those for which it is intended.

Do not use the cable to pull the plug out of the socket. Protect the cable against heat, oil and sharp edges.

13. Avoid abnormal posture.

Arrange your work station in an ergonomically correct way. Avoid bad posture when working. Always use the correct tool.

14. Take good care of your power tool.

Keep the power tool and accessories clean in order to be able to work more efficiently and in greater safety. Follow the maintenance provisions and advice regarding the replacement of filters. Inspect the power tool cable regularly and, should it be damaged, have it replaced by a recognised specialist. Inspect extension cables regularly and replace them when necessary. Keep the handles dry and free from oil and grease.

15. Pull the plug out of the socket.

When not using the power tool, before maintenance or when replacing filters.

16. Don't leave any maintenance tools or spanners behind.

Before switching on, check that spanners and adjusting tools have been removed and that the unit has been properly reassembled.

17. Avoid unintentional starting.

When plugging into the socket or connector, make sure that the switch is switched off at the mains.

18. Be alert.

Pay attention to what you are doing. Approach your work sensibly. Do not use the power tool when you are not concentrating.

19. Check the power tool for possible damage.

Before further use of the power tool, protective devices or slightly damaged parts must be carefully examined to ensure that they are working perfectly and in compliance with the intended use. Check to see if the movable parts are working perfectly and are not

jamming, or if parts are damaged. Every part must be correctly fitted and must satisfy all the requirements necessary to guarantee trouble-free operation of the power tool. Damaged protective devices and parts must be properly repaired or replaced by a recognised specialist workshop, except where detailed in the operating instructions.

20. Attention

Only use accessories or add-on units specified in the accessory list of the operating instructions. Only use WELLER accessories or add-on units on original WELLER equipment. The use of other tools and other accessories can mean that you run the risk of injury.

21. Have your power tool repaired by a qualified electrical specialist.

This power tool complies with the appropriate safety regulations. Repairs may only be carried out by a qualified electrical specialist using original WELLER spare parts; otherwise accidents can result for the operator.

22. Use with other WELLER equipment.

If the power tool is operated in conjunction with other WELLER units or add-on units, the warning information contained in their respective operating instructions must also be read.

23. Observe the safety regulations applicable to your workplace.

Safety instructions

The manufacturer accepts no liability for usage other than that specified in the operating instructions, nor for any unauthorised modifications.

These operating instructions and the warning information they contain should be read carefully and kept in a clearly visible place adjacent to the soldering unit. Failure to adhere to warning information could cause accidents and injuries or be detrimental to health.

The WELLER WFE P soldering fume extraction unit complies with the EC certificate of conformity in accordance with the basic safety standards of EC guidelines 89/336/EEC, 73/23/EEC and 89/392/EEC.

2. Description

The Weller WFE P is a fume extraction device for one or two Weller FE soldering irons.

The unit is best suited to continuous industrial operation in the workplace due to its maintenance-free pump drive and low noise generation. The vacuum hoses of the FE soldering bits are connected directly to the WFE P soldering fume extraction unit. A built-in thermal cut-out protects the unit against overload. A built-in lifting device for changing the filters allows trouble-free replacement of the filter cartridge and preliminary filters without the aid of tools.

The 3-stage filter installed, comprising fine particulate air filter F7, Class H13 particulate filter and wide band gas filter (50% activated carbon; 50% Puratex) is ideally suited in this configuration to the extraction of soldering fumes. The particulate filter and the gas filter are contained in the main filter cartridge. Both filter elements are disposable filters and the fine particulate air filter (preliminary filter) can be changed several times before the main filter cartridge has to be replaced.

Warning: When using extraction equipment, the legal limits with regard to contaminants in the workplace must be observed and regularly checked by the operator of the extraction equipment.

Technical data

Mains voltage:	230V AC
Power consumption:	50W
Max. vacuum:	30.000 Pa
Max. carrying capacity:	30 l./min.
Noise level:	40 dB(A) at 1m intervals
Protection category:	1
Dimensions:	140 x 295 diameter x height
Capacity:	max. 2 FE soldering irons
3-stage filter:	Fine particulate air filter F7 Class H13 particulate filter Wide band gas filter: 50% activated carbon, 50% Puratex

3. Commissioning

Place the FE soldering bit in the safety rest. The WFE P soldering fume extraction unit is equipped for the connection of 2 Weller FE soldering bits (5). On connection of an FE soldering bit, the vacuum hose is attached to the open connector nipple. The second connector remains closed. Only take off the closure cap on connection of a second vacuum hose.

Before commissioning, check the mains voltage against the information on the type plate. If the mains voltage is correct, connect the WFE P to the mains (7) and switch on 2-setting mains switch (8):
1st setting: 1 FE soldering iron
2nd setting: 2 FE soldering irons

Maintenance

Before maintenance work is undertaken, the unit must be disconnected from the mains by pulling out the mains plug.

In order to guarantee trouble-free operation of the unit, the vacuum tube and extraction hose of the FE soldering bit must be cleaned regularly. If heavily soiled, the extraction tube can be placed in a gas-tight sealed container in cleaning alcohol (spirit) until the flux residues have dissolved.

Warning: When using cleaning agents, the legal safety provisions with regard to their handling must be observed. The cleaning agent must be treated as hazardous waste.

If the extraction performance of a cleaned FE soldering bit is no longer adequate, the filters must be checked. The preliminary filter can be changed several times before the main filter has to be replaced.

When original WELLER filters are used in the prescribed manner, the service lives of the particulate filter and the wide band gas filter are designed to be approximately equal.

To change the filters, the two release buttons (3) for the lifting device must be pressed simultaneously. The built-in lifting device lifts up the pump casing (2) and exposes the main filter cartridge (6). Following this, the main filter cartridge and the preliminary filter below it can be replaced without the use of tools (see also exploded-view drawing).

Before the new main filter cartridge is fitted it should be marked with the date of installation. The unit should be installed in reverse sequence.

Warning: When inserting filters, take care to follow the correct sequence and fit them in the appropriate position. The soiled filters must be treated as hazardous waste.

4. Operating information

The pump casing (2) simultaneously acts as a heat sink and consequently heats up. Excessive heating is prevented by a built-in thermal cut-out.

The WFE P soldering fume extraction unit is not suitable for the extraction of flammable gases.

5. List of accessories

5 29 106 99	FE 25 soldering iron 25 W
5 29 107 99	MLR 21 FE micro soldering iron 25 W
5 25 153 99	FE 50 soldering iron 50 W
5 32 152 99	FE 50M Magnasta [®] soldering iron 50 W
5 26 166 99	FE 75 soldering iron 80 W
5 26 162 99	FE 80 soldering iron 80 W
5 29 162 99	WSP 80 FE soldering iron 80 W
5 29 167 99	FE Accessory for WSP 80
5 29 127 99	FE Accessory for MLR 21
5 25 125 99	FE Accessory for LR 21, LR 82, TCP S
5 13 125 99	FE Accessory for DS 22, DS 80, DSX 80
5 28 126 99	FE Accessory for WSF P5/8
5 36 352 99	Locking clip for FE soldering iron
5 25 410 00	Replacement hose for all FE soldering irons (by the metre)

6. Scope of supply

The WFE P is equipped with:

1 fine particulate air filter F7

1 main filter cartridge consisting of Class H13 particulate filter and gas filter: 50% activated carbon, 50% Puratex

1 mains cable

1 set of operating instructions

Illustration: exploded-view drawing - see page 41

1. Varningstext

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1. Elkabeln får endast stickas in i för ändamålet godkända eluttag respektiva adapterar.

2. Håll ordning på arbetsplatsen

Ordning på arbetsplatsen kan leda till olyckor.

3. Ta hänsyn till yttre förhållanden

Utsätt inte elverktyget för regn. Använd inte elverktyget i fuktiga eller våta miljöer. Sörj för god belysning. Använd inte elverktyget i närheten av brännbara vätskor eller gaser.

4. Skydda dig mot elektriska stötar

Undvik att röra vid jordade delar, som t ex rör eller värmeelement.

5. Verktygen skall vara oåtkomliga för barn

Låt inte andra röra vid elverktyg eller kablar. Låt inte obehöriga personer uppehålla sig på arbetsplatsen.

6. Förvara elverktyget säkert

Elverktyg som inte används skall förvaras på en torr och sluten plats, utom räckhåll för barn.

7. Överbelasta inte elverktyget

Du arbetar bättre och säkrare inom det angivna effektområdet. Använd rätt elverktyg. Använd inte för effektsvaga verktyg för krävande arbetsuppgifter. Använd inte elverktyget för andra ändamål än dem som den är avsedd för.

9. Använd lämpliga skyddskläder

Använd inte vida kläder eller smycken, eftersom dessa kan fastna i rörliga delar. Bär lämpliga skyddskläder för att undvika brännskador. Risk för brännskador från flytande lödtenn.

10. Skydda dina ögon

Bär skyddsglasögon. Följa noggrant varningstexterna från klistertillverkaren när du arbetar med klister. Skydda ögonen mot tennstänk - risk för brännskador från flytande lödtenn.

11. Använd en lödrökutugning som är lämplig för arbetsplatsen

Om det finns utrustning för anslutning av lödrökutugning, se då till att denna är i gott

