

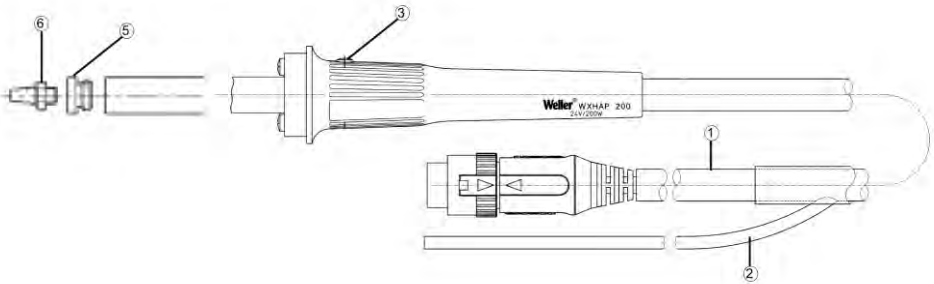
# WXHAP 200

## Operating Instructions

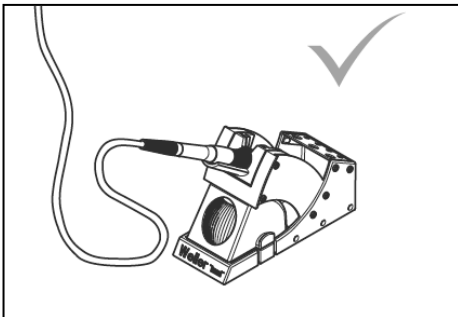
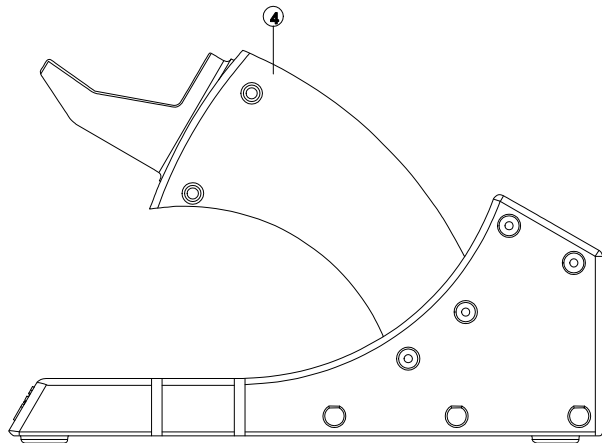


## WXHAP 200

### Device overview



- 1 Connector with cable
- 2 Hot air hose connection
- 3 Push button
- 4 Stand
- 5 Nozzle adaptor
- 6 Nozzle



**Always place the soldering tool in the safety rest while not in use.**

## Contents

1	About these instructions.....	3
2	For your safety.....	3
3	Scope of supply (Operating instructions).....	5
4	Device description.....	5
5	Commissioning the device .....	6
6	Accessories .....	7
7	Disposal.....	7
8	Warranty.....	7

## 1 About these instructions

Thank you for placing your trust in our company by purchasing the Weller WXHAP 200 Hot Air Tool. This product meets or exceeds the requirements established by Weller for superior performance, versatility and quality.

These instructions contain important information which will help you to start up, operate and service the WXHAP 200 safely and correctly, as well as to eliminate simple faults/malfunctions yourselves.

- ▷ Please read these instructions carefully and the attached safety guidelines before you put the WXHAP 200 into operation.
- ▷ Keep these instructions in a place that is accessible to all users.

### 1.1 Directives taken into consideration

The Weller WXHAP 200 Hot Air Tool corresponds to the EC Declaration of Conformity in accordance with the basic safety requirements of Directives 2004/108/EC, 2006/95/EC and 2011/65/EU (RoHS).

### 1.2 Applicable documents

- WXHAP 200 operating instructions
- Accompanying booklet on safety
- Operating instructions for your control unit

## 2 For your safety

The WXHAP 200 Hot Air Tool has been manufactured in accordance with state-of-the-art technology and recognized safety rules and regulations. There is nevertheless the risk of personal injury and damage to property if you fail to observe the safety information set out in the enclosed booklet accompanying these operating instructions and the warnings given therein.

Always pass on the WXHAP 200 on to third parties along with these operating instructions. The manufacturer shall not be liable for damage resulting from misuse of the machine or unauthorized alterations

– **State of California warning:**

---

When used for soldering and similar applications, this product produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

---

## 2.1 Please observe the following:

- Always place the hot air tool in its original stand.
- Remove all flammable objects from the vicinity of the hot soldering tool.
- Do not connect flammable gases to your hot air equipment.
- Always wear suitable protective clothing when using the WXHAP 200.
- Do not direct the hot air jet at persons or look into the hot air jet.
- Never leave the hot WXHAP 200 unattended.
- Do not carry out work on live parts
- When using inert gases, make sure the area is well ventilated.
- Read and observe the operating instructions of your control unit.
- Read and follow the operating instructions for the Weller WXA 2, WXR 3 supply unit.

## 2.2 Intended use

Use the WXHAP 200 exclusively for the purpose indicated in the operating instructions of releasing, accommodating and setting down chip components under the conditions specified here. Intended use of the WXHAP 200 also includes that

- you read and follow these instructions,
- you read and follow all additional accompanying documents,
- you observe the national accident-prevention regulations applicable at the location where the device is used.

The manufacturer accepts no liability for damages resulting from failure to use the device in compliance with these operating instructions or unauthorised modifications to the device.

### 3 Scope of supply (Operating instructions)

WXHAP 200  
T0052712099



WDH 30  
T0051515299



R04 Ø 1,2 mm



R06 Ø 3,0 mm

Nozzle adaptor M6



### 4 Device description

The Weller WXHAP 200 Hot Air Tool with integrated finger switch (3) is suitable for soldering and desoldering surface-mounted components. A wide range of nozzles adds to the versatility of the WXHAP 200 tool.

A push button (3) integrated in the handle is used to control the air flow. The ionising circuit integrated in the tool ensures that hot air is static free. The hose and handle are of antistatic design.

The hot air temperature can be set to between 100°C and 550°C (212°F and 932°F) using the control unit.

#### 4.1 Technical data WXHAP 200

Heating output	200 W
Heating voltage	24 V AC
Max. air flow rate	20 l/min
Temperature range	100°C up to 550°C (212°F up to 932°F)
Temperature accuracy	± 30°C/± 80°F

#### Potential balance

The WXHAP 200 hot air tool has an equipotential bonding conductor which can be connected in accordance with the operating instructions of the control unit in use.

## 5 Commissioning the device

### WARNING! Risk of injury due to hot air and inert gases.



**Use caution when operating the hot air tool, because hot air can cause burns. Caution: use of inert gases in an enclosed area can cause asphyxiation.**

- ▷ Please read carefully the safety instructions in the attached booklet, the safety guidelines given in these operating instructions and the operating instructions of your control unit before putting the WXHAP 200 into operation. Also observe the safety precautions described herein.

1. Carefully unpack hot air tool WXHAP 200.
2. Make sure that the control unit is OFF.
3. Place the WXHAP 200 hot air tool into the stand (4).
4. Insert the electrical plug (1) of the WXHAP 200 into the socket on the control unit and lock the plug into place by turning it slightly to the right.
5. Push the air hose of the WXHAP 200 (2) onto the air nipple on the control unit.
6. Turn on the control unit at the power switch and set the temperature and air flow. Also read and observe the operating instructions of your control unit.

### 5.1 Operating guidelines

#### CAUTION! Excessively long nozzle threads can damage the heater core of your tool.



**The max. thread depth for hot air nozzles is 5 mm (0.2 "). Use of longer threads will cause irreparable damage to the heater core.**

**Use of Non-Weller nozzles may result in damage to the hot air tool and void the warranty.**

- ▷ Pay attention to the correct thread depth of the screw-in nozzles!
- ▷ Always use Weller original hot air nozzles!

The WXHAP 200 is supplied with an 8 mm socket wrench. Use this to replace the nozzles. Tighten the nuts on the heater core using the supplied open-end wrench.

**Note** To use the nozzles, screw the supplied nozzle adaptor (5) (T005 87 617 28) into the WXHAP 200 using the 8 AF socket wrench. You can use the same nozzles as those for the WXHAP 200.

Replacement hot air tools are supplied preset and can be connected and used without any need for readjustment.

To check the hot air temperature, it is recommended that you use a special test nozzle (T005 87 278 08) which mates with a sheathed thermocouple ( $\varnothing$  0.5 mm).

## 6 Accessories

WXHAP 200 Hot Air Nozzles (see overview Hot Air Nozzles)



## 7 Disposal

Dispose of replaced equipment parts, filters or old devices in accordance with the rules and regulations applicable in your country.

## 8 Warranty

Claims by the buyer for physical defects are time-barred after a period of one year from delivery to the buyer. This does not apply to claims by the buyer for indemnification in accordance with §§ 478, 479 BGB (German Federal Law Gazette).

We shall only be liable for claims arising from a warranty furnished by us if the quality or durability warranty has been furnished by use in writing and using the term "Warranty".

### In addition, for the USA and Canada:

Weller Tools GmbH warrants to the original purchaser and any subsequent owner ("Buyer") that Weller soldering and desoldering products will be free from defects in material and workmanship for a period of one year from date of purchase, provided that no warranty is made with respect to products which have been altered, subjected to abuse or improperly used, installed or repaired. Use of non-Weller Tools GmbH components will void this warranty if a non-Weller Tools GmbH component is defective (or is the source of the defect). Weller Tools GmbH will repair or replace products found to be defective not caused by a part, component or accessory manufactured by another company, during the warranty period. Contact Weller Tools with dated proof of purchase and return to Apex Tool Group LLC., 14600 York Rd. Suite A, Sparks, MD 21152 USA. All costs of transportation and reinstallation shall be borne by the Buyer.

IN NO EVENT SHALL WELLER TOOLS GMBH BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. WELLER TOOLS GMBH LIABILITY FOR ANY CLAIMS ARISING OUT OF THIS WARRANTY SHALL NOT EXCEED THE PURCHASE PRICE OF THE PRODUCT.

THE PERIOD OF ALL IMPLIED WARRANTIES APPLICABLE TO THIS PRODUCT INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO 12 MONTHS FROM THE DATE OF PURCHASE BY THE USER.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. **Subject to technical alterations and amendments! See the updated operating instructions at [www.weller-tools.com](http://www.weller-tools.com).**