

# User's Manual

## AOYUE 486 Smoke Absorber

91486



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.

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## Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.

Keep these operation instructions in a safe place.

### **ATTENTION:**

- Always use an earthed power supply with the correct voltage. The corresponding voltage value is given on the nameplate. If there are doubts concerning the earthing of the power supply, contact a qualified person for checking it. Never use a damaged power cable.
- Do not open this device in a damp or wet area or with yourself being wet and protect it from direct sunlight. Install the device in a safe place so that nobody can walk on the cables, fall over them, and/or damage them. Make for sufficient cooling by ambient air and avoid any heat build-up.
- Before cleaning the device, pull out the plug and only use a damp cloth for cleaning. Avoid using cleaning agents and make sure that liquids cannot enter the device.
- The inner parts of the device do not contain components requiring maintenance by the user. Leave all maintenance, control, and repair works to a qualified person. In case of unqualified intervention, the 2-year warranty will expire.
- **Read all safety precautions and instructions.** Failure to obey the safety precautions and instructions might cause an electric shock, a fire, and/or severe injuries. Keep all safety precautions and instructions for future use.

## Safety instructions

### *General safety instructions*

- The use of this device is only allowed with a fault current protection switch with a triggering nominal current up to 30 mA (according to VDE 0100 Article 702 and 738).
- The device is not intended for use by persons (including children) with impaired or limited physical, sensory, and mental abilities or lack of experience and/or real knowledge, unless they are supervised by a person responsible for their safety or follow the instructions made by this person on how to correctly use the device.
- Children should be supervised to ensure that they do not play with the device.
- During operation, the unsoldering gun, hot air piston, and nozzle have temperatures between 200 °C and 480 °C. Therefore, personal injuries or material damage inside the work area might happen in case the unsoldering station is not handled with care.
- Obey the following principles when working with this device:
  - After opening the parcel, check if every individual part of the device is in good condition or if you can detect visible damage caused by transport. If there are damages visible, do not operate the device, but immediately contact your vendor.
  - Switch off the device and pull out the plug before moving it.
  - Avoid exposing parts of the device to too high a mechanical stress (shocks, pushes, etc.).
- Perform a visual inspection of the device before every use. Do not use the device if the safety appliances are damaged or worn out. Never override safety regulations.
- Only use the device accordingly to the intended purpose stated in this manual.
- You are responsible for the safety of the working zone.
- If the cable or the plug is damaged due to external influences, the cable must not be repaired, but must be replaced with a new one.
- The voltage of 230 V AC indicated on the nameplate of the device must match the existent mains voltage.
- Never lift, carry, or fix the device by using the power cable.
- Make sure that the electrical plug connection is protected from flood and moisture.
- Always unplug the device before working on it.



- Avoid exposing the device to direct jets of water.
- The user is responsible for complying with local safety and mounting regulations. If necessary, ask a qualified electrician.
- In case of device failure, repairs can only be carried out by an electrician.

### Electrical connection

The electrical connection is made to an earthed socket 230 V ~ 50 Hz. Fuse min. 10 A.

### Commissioning

- Place the device on a level and solid surface the temperature of which does not exceed 40 °C. Place the device horizontally to allow the station to operate correctly.
- Connect to mains.

### Scope of delivery

- Fume extractor
- Solid washable filtering element
- Stable support

### Technical specifications

<b>Intake voltage (V)</b>	230 ±10 %
<b>Frequency (Hz)</b>	50 ±2
<b>Motor type</b>	Carbonless
<b>Weight (kg)</b>	1.36

### Features and functions

- Quiet and powerful operation
- With replaceable activated carbon filter
- With a unique filter to reduce the resistance and to achieve a high suction power

## Regulations for waste disposal

The Waste Electrical and Electronic Equipment Directive (WEEE Directive, 2012/19/EU) of the EU was implemented in the German law related to electrical and electronic equipment and appliances.

All WiTec electric devices that fall under the WEEE directive are labelled with the symbol of a crossed-out wheeled rubbish bin. This symbol indicates that this electric device must not be disposed of with the domestic waste.

WiTec Technik GmbH is registered with the German registration authority EAR (Stiftung Elektro-Altgeräte Register) under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic devices (intended for use in the countries of the European Union and other European countries with a separate waste collection system for these devices).

The symbol on the packaging or the product itself indicates that this product must not be treated as normal domestic waste but must be disposed of at a recycling collection station for electrical and electronic waste.

By disposing of this product correctly, you contribute to the protection of the environment and the health of your fellow people. Inappropriate disposal threatens the environment and health.



Material recycling helps to reduce the consumption of raw materials.

Additional information about the recycling of this product can be provided by your local commune, the municipal waste disposal facilities, or the store where you purchased the product.

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