

Please read the user's manual carefully before using the product



D-AIR



USER'S MANUAL

Portable Air Conditioner

MODEL

DA-08P

DA-12P

CONTENTS

CONTENTS	1
IMPORTANT SAFEGUARDS	2
FEATURES AND PARTS LIST	4
PANEL CONTROL	5
REMOTE CONTROL	6
OPERATION METHODS	7
INSTALLATION	8
WATER DRAINAGE METHODS	10
MAINTENANCE	11
TROUBLE SHOOTING	12
INSTALLATION ACCESSORIES	13
APPENDIX	14

IMPORTANT SAFEGUARDS

Important Safeguards.

- Read all instructions carefully.
- Disconnect the power plug before dismantling, assembling or before cleaning.
- Avoid touching any of the appliance's moving parts .
- Never insert fingers, pencils or any other objects through the guards whenever the power plug is connected, especially while running.
- The appliance is not intended for use by young children or uninformed persons unless they are adequately supervised by a responsible person to ensure that they can use the unit safely.
- Young children should be supervised to ensure that they do not play with the appliance.
- Do not use the appliance for any other purpose than its intended use.
- The appliance must not be used if the guards are not fastened according to instructions.
- When the power cord is damaged, it must be replaced.
- Do not use your appliance with an extension cord unless it has been checked and tested by a qualified electrician or electrical supplier.
- The air conditioning unit must always be stored and transported upright, otherwise you may cause irreparable damage to the compressor; in case of doubt we suggest to wait for at least 24 hours before you start the air-conditioning unit.**
- Avoid restarting the air conditioning unit unless 4 minutes have passed since being turned off, or the compressor may get damaged.
- Never use the mains plug as a switch to start and turn off the air conditioning unit. Use the provided ON/OFF switch located on the control panel.
- Always place the portable air conditioner on a dry stable surface.

Energy Saving Tips.

- Do not cover or restrict the airflow from the Outlet or Inlet grills.
- The minimum distance from furniture and walls should be 50cm.
- Keep blinds and /or drapes closed during the sunniest part of the day.
- Keep the filters clean. Under normal conditions, the filters should be cleaned approximately every 30 days. Since the filters remove airborne particles, more frequent cleaning maybe necessary, depending on the indoor air quality.
- Set the fan speed switch to high cool and the thermostat to the coolest position for the initial start-up, then set the Fan switch to Low cool and lower the thermostat to a comfortable setting.

Suggestion:

We suggest you do not use the machine if the ambient temperature is higher than 40°C.

FEATURES AND PARTS LIST

Features:

- No installation is required.
- Easily moved . The handle makes moving more convenient.
- LED colourful screen display.
- Water-cooled mode saves energy and is environment friendly.
- Low noise and strong performance.
- Unique economic function.
- Auto swing makes air flow from left to right automatically.
- Three-minute restart delay to protect compressor.

Parts list:

1. control panel
2. horizontal louvre
3. vertical louvre
4. air inlet grill
5. castor
6. exhaust duct
7. handle
8. air outlet grill
9. power cord and plug
10. water refill port
11. power cord hook
12. air filter

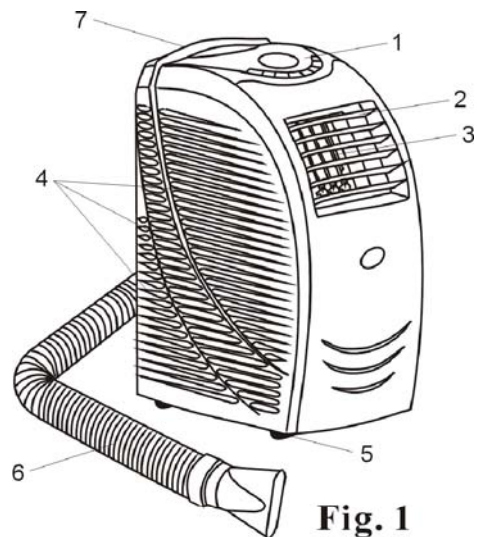


Fig. 1

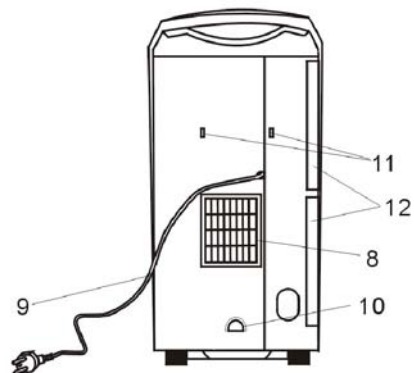


Fig. 2

PANEL CONTROL

CAUTION: If the unit is turned off in cool /dry mode and restarted immediately , then it will wait at least 3minutes before running again.

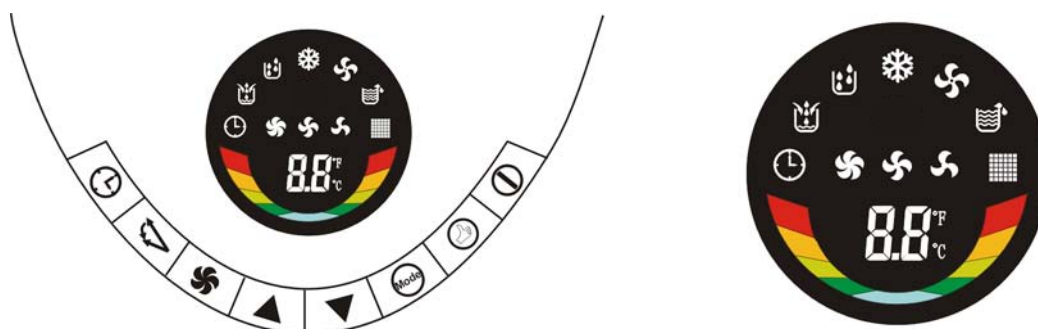


Fig. 3

1. Buttons

- ⌚ Timer: press this button to set the timer
- 🌀 Swing: press this button to make the vertical louver swing automatically. Press once again, the swing will stop.
- ⚙ Speed: press this button for 5 seconds to select high, middle or low fan Speed.
- ▲ ▼ Up/down: press up or down button to set temperature or adjust the time in Timer mode. Press both buttons to vary from Celsius to Fahrenheit.
- ⊞ Mode: press this button to select cool,dry or fan mode.
- ⌚ Econ: press this button to a set energy saving mode.
The set temperature is 27 °C in cool mode.
The fan speed is low. This data can't be changed. The LED display will flash ⚙ . Press again to cancel it when ⚙ is flashing.

- ⌚ Power: press this button to turn on/off the unit.


2. LED display

- ⌚ Timer indicator
- 🌀 Dry, cool, fan mode indicator.
- ⚙ High, middle and low fan speed indicator
- 🌊 Water Full indicator
- 🚰 Add Water indicator
- 📶 IR receiver window
- 8.8 Indicate the time and temperature. Display EX (X=2,3) when there is something wrong (refer to Self diagnosis function).
Display E4 when coil is defrosted.
- °C °F Celsius degree and Fahrenheit degree indicator.

REMOTE CONTROL

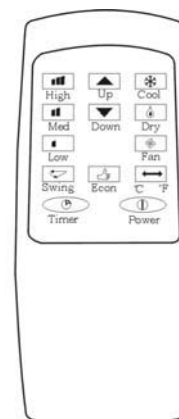
 **Power** Press this button to turn on/off the unit.

 **Timer** Press this button to set the timer.

 **Swing** Press this button to make the vertical louvre swing automatically.


 **°C °F** Vary from Celsius degree to Fahrenheit degree.

 **Cool** Press this button to choose Cool mode.




remote control

Fig. 4

 **Dry** Press this button to choose Dry mode.


 **Fan** Press this button to choose Fan mode.

 **Up
Down** Press Up or Down button to set temperature or adjust the time in Timer mode.

 **High** Press this button to select high fan speed.

 **Med** Press this button to select middle fan speed.

 **Low** Press this button to select low fan speed.

 **Econ** Press this button to a set energy saving mode only in Cool. The set temperature is 27°C in cool mode. The fan speed is low. This data can't be changed.

NOTE: To vary from Celsius to Fahrenheit, press both Up and Down buttons at least 2 seconds.

OPERATION METHODS

Timer set

1. Set timer -off

Press the Timer button when the unit is on. The LED will flash__five times. During this period press Up or Down button to adjust set time from 0.5h to 24h. It will vary 0.5h each time in 3h and 1h each time hereafter. The set time will flash 5 times after adjusting. When it will display temperature again. Once the set time end, the unit will turn off automatically.

2. Change the set time


When Timer is on, you can check remaining time by pressing Timer button. It will flash 5 times. Press Up or Down button to adjust set time. The set time can also be cancelled if you press the Timer button once again during the flashing time.

3. Set timer-on

Press the Timer button when the unit is off. Same as timer-off set. Once the set time end, the unit will turn on automatically.

Cooling/ Dry Mode


1. Cooling mode

Press Mode button  to choose Cool mode.

Press Up or Down button or   to set a proper room temperature.


The range is 18~30°C (64-86° F). The temperature will increase or decrease 1°C or 1° F each time.

Press Speed button or    to choose a proper fan speed.

Press Swing button or  to adjust the direction of vertical louver.

Adjust horizontal louver by hand.

2. Dry mode

Press Mode button or  to choose Dry mode. The fan speed is Low, LED displays room temperature. These cannot be adjusted.

NOTE:

1. In cool mode, when the “Add Water” light illuminates, you can add some water through the injection port before cooling operation.
2. You should drain water with the drainpipe in dry mode.
The unit will stop working when water level exceeds the high level.
3. Do not use air exhaust duct when in Dry or Fan modes
4. If your room is directly exposed to the sun, draw the curtains please.

INSTALLATION

1. Selection of Installation Place

Install the unit on a flat and dry place.
Leave at least 50cm space around the unit(when the hose is not connected).
(Fig.5)

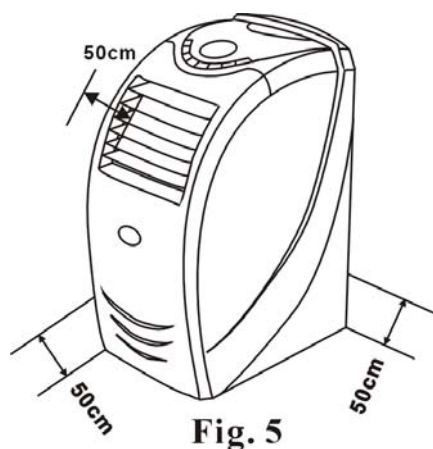


Fig. 5

2. AIR Exhaust Duct Mounting

- 1) Fix the square end of the exhaust duct to the exhaust terminal of the unit.
- 2) Put the other end (discharge) in the nearest window.

NOTE:

The length of the air exhaust duct is between 600cm to 1700cm or 1800cm (adapters included). We suggest using the minimum length of the air exhaust duct. It saves energy.

This length has been designed especially according to the specifications of the air conditioner .Do not use an extension or exchange for a different hose as it may lead to malfunction.

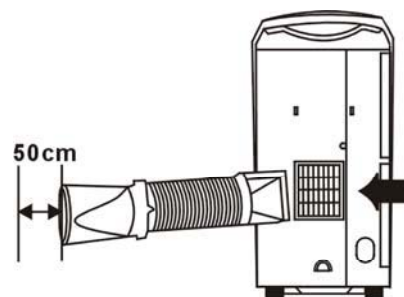


Fig. 6

3. Window Kit Installation

The window kit has been designed to fit most standard vertical and horizontal windows. However, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. Please refer to the illustrations. (Fig.7 and Fig.8)

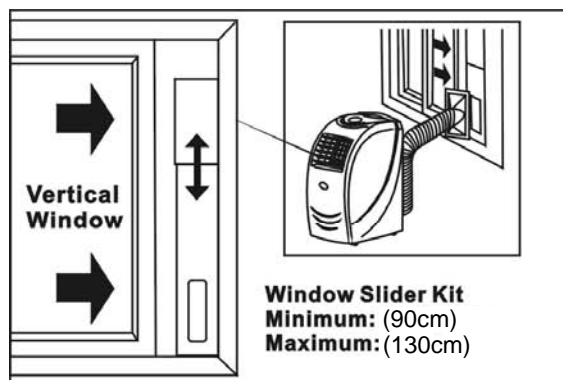


Fig. 7

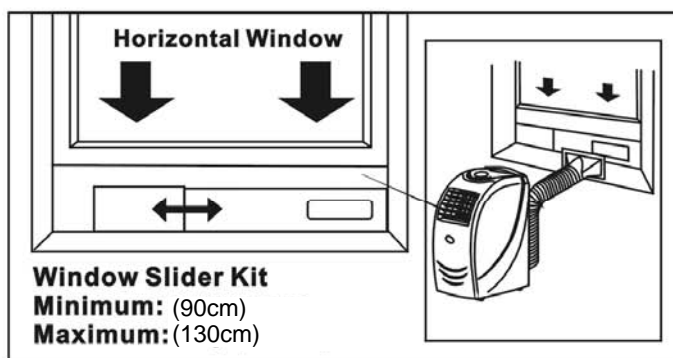


Fig. 8

4.Mounting illustrations

1.mounting in the wall

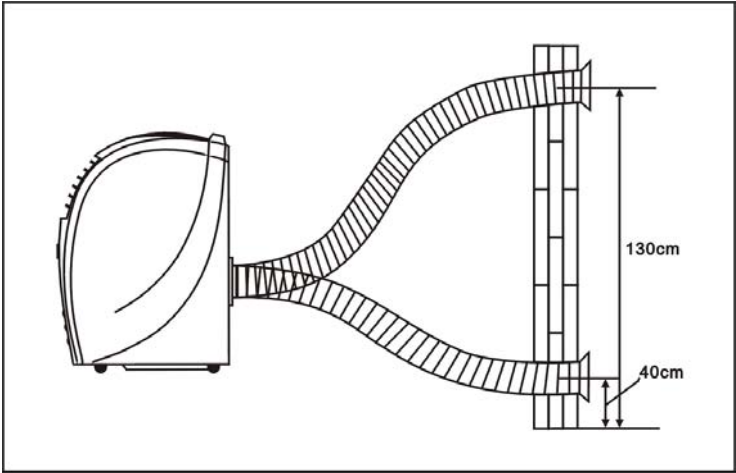


Fig. 9

2.correct bending

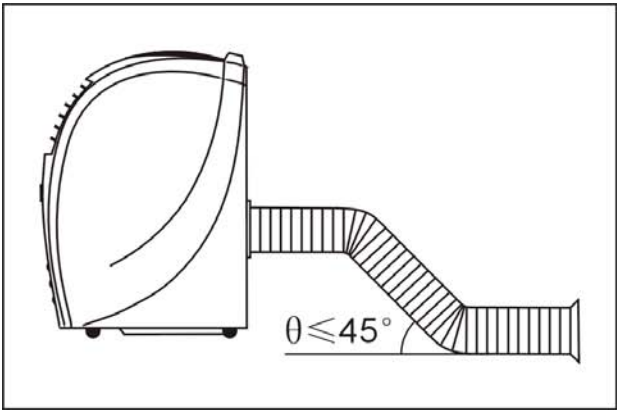


Fig.10

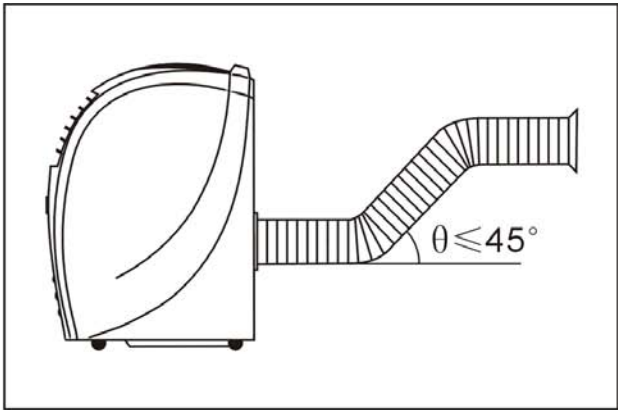


Fig.11

3.wrong bending

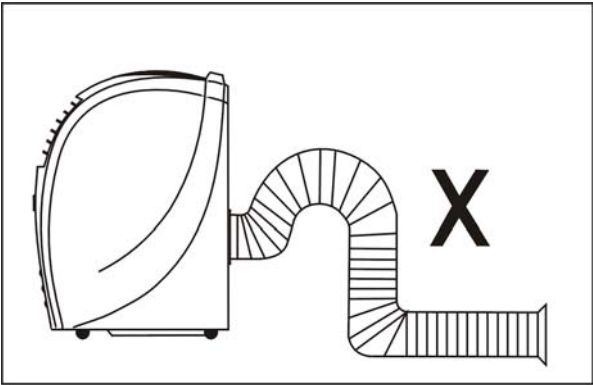


Fig.12

WATER DRAINAGE METHODS

This product has a self-evaporative system. The condensing water will recycle to cool the condenser. This water-cooled mode will not only improve cooling efficiency and decrease noise, but also save energy .

* When in cooling mode, the water from the evaporator will flow into a inside pan. When the water reaches the low level, the water pump will work until the water is under the low level. When the water reaches the high level, the compressor will stop working, and the water pump, lower fan motor and upper fan motor will work all the time.

* When the water is full, the water full indicator will illuminate and the compressor will stop working. The buzzer will buzz 10 times every 5 minutes until the water is below the high level or drained by hand. When the alarm stops and after the three-minutes restart delay, the unit will work normally.

* Before you empty the unit you will need to turn the unit off and pull the plug out of the power supply. Upcap the lid, remove the rubber plug on the drainage port, then let the water flow out. Once drained, put the rubber plug back and screw the lid up and switch it on. The compressor will delay restarting for three minutes, then the unit will work normally.

* When the water in the tank is not enough for pumping, the pump will stop working. At the same time, the Add Water indicator on the control panel will illuminate (💧). Fill the tank with water (Maximum 1800ml-3cups).

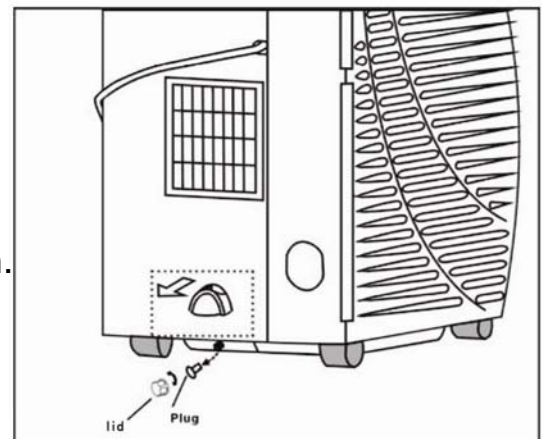


Fig. 13

MAINTENANCE

Cleaning

Turn off the unit and pull the plug out of the socket before cleaning.

1.Cleaning surfaces

Clean the surface of the unit with a duster or a moist soft cloth.

Do not use chemical solvents like benzene, alcohol, gasoline, etc.

2. Cleaning air filter

If the air filter is blocked with a lot of dust, it will reduce efficiency.

- 1) Pull out the air filter. Fig.14.
- 2) Wash the air filter by immersing it gently into warm(under 40°C). water with neutral detergent. Rinse the filter and dry it in a shaded place.
- 3) Push the air filter back into the original position.

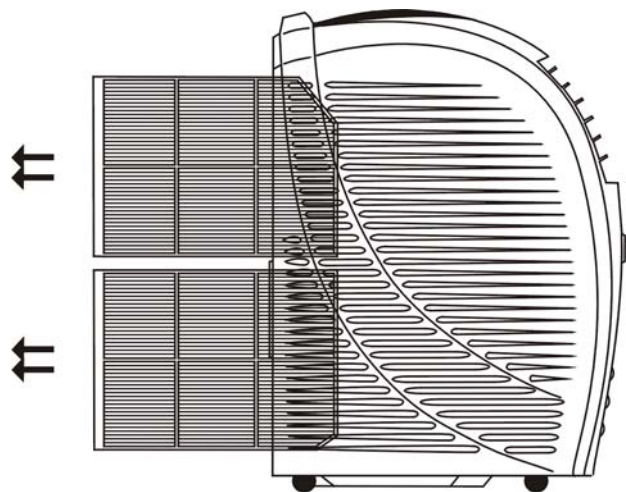


Fig. 14

End of season

1. Upcap the lid, remove the rubber plug on the drainage to drain the water. You can remove the water entirely by slanting the unit back.

Set on Fan mode, then press the Fan button for 5 seconds until the lower fan works. Operate the unit in fan mode for half a day until the pipe is dry. In this way the inside of the unit can be dried and the mildew growth can be suppressed.

- 2.Switch off the unit and disconnect the plug from the power supply.
- 3.Tie the cable with sting.
- 4.Remove the air exhaust duct and store it carefully.
- 5.Wrap the unit with a plastic bag,and keep it in a dry place.
- 6.Take the batteries out of the remote.

TROUBLE SHOOTING

Problem	Check	Solution
The unit doesn't operate at all.	Is there a power failure? Is plug out? Is power fuse or switch off? Is the set time suitable? Is water full alarm on?	Insert the plug into the socket Change the fuse or switch on. Change the set time. Empty water tank.
Inefficient cooling	Is air inlet or outlet blocked? Is there any other heat source in room? Are air filters very dirty? Is the set temperature suitable? Is fan speed set at low?	Clear blockage. Remove the heat source. Clean air filter . Change temperature. Select suitable fan speed.
Noisy and vibrating	Is it inclined?	Place on flat surface.
The unit starts and stops frequently	Is the voltage normal? Is the exhaust tube fixed correctly or is it bended? Have you added extra exhaust tube?	Turn off the unit if the voltage is abnormal. Set the exhaust tube correctly. Remove the extra tube.



Stop operation of the unit when :

- The power cord overheats or protection of the cord is broken.
- There is abnormal odour or smoke coming from the unit.

Self-diagnosis function

Check code	Diagnosis of malfunction
E2	Room temperature faults
E3	Faulty coil temperature
E4	Coil defrosted — Normal

Note: When display E4, it means that the coil is defrosted. That is normal .

INSTALLATION ACCESSORIES

Description:

Flexible exhaust hose with adapter1/set

Window exhaust adapter (flat mouth).....1pc

Adjustable window slider kit2/set

Screw1pc

Water cup1pc

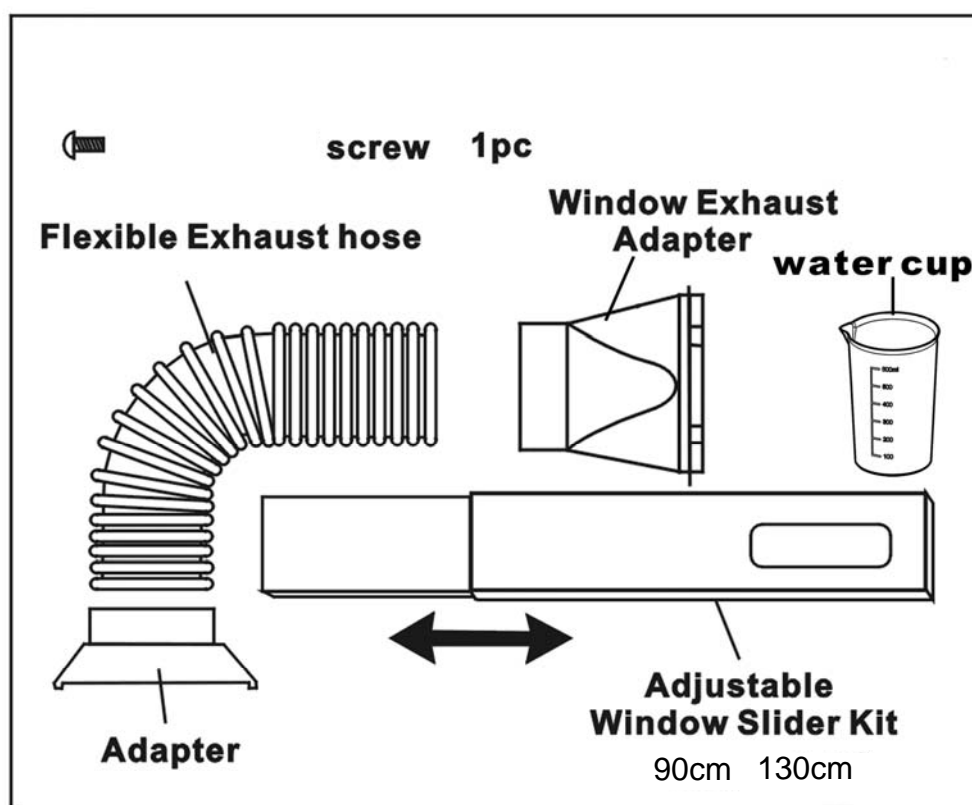


Fig. 15

APPENDIX

Fuse Parameter

Type: FSD

Voltage: 250V

Current: 3.15A



Disposal: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.