



The Comfortable Choice

WINDOW / WALL ROOM AIR CONDITIONER USER'S MANUAL

MODELS

Cooling Only

TWW16CFAT

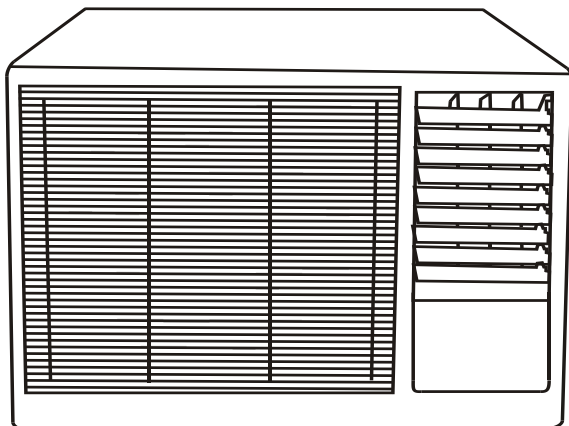
TWW22CFAT

TWW27CFAT

Reverse Cycle

TWW22HFAT

TWW26HFAT



IMPORTANT NOTE:

Thank you for selecting a TECO quality Air Conditioner. Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.



Foreword

Congratulations on your purchase of a TECO room air conditioner. To assist you in protecting your investment and maintaining the appliances satisfactory operation, three simple steps are provided for you to follow.

They are:

1. Ensure that your air conditioner is installed according to the specifications detailed in this booklet.
2. Familiarise yourself with the correct operation of the air conditioners controls and switches.
3. Service your air conditioner at regular intervals.

Thank you for taking the time to read this booklet and we trust you enjoy the comfort obtained from your TECO room air conditioner.

The information contained in this material is provided by Teco Australia Pty Ltd in good faith. The information supplied to our knowledge is correct; however is subject to change without notice, therefore before relying on the material in any important matter, users should carefully evaluate its accuracy, completeness and relevance for their purpose. It is not intended as a substitute for consulting the relevant legislation or for obtaining appropriate professional advice relevant to your particular circumstances.

Teco Australia Pty Ltd cannot accept responsibility or liability for any loss, damage, cost or expense you might incur as a result of the use of or reliance on information provided. It is not intended to be, and should not be relied upon as the ultimate and/or complete source of information.

Table of Contents

	Page
Safety Precautions	2
Introduction	4
Operating Instructions	5
Power Requirements	7
Installation Instructions	7
Care and Maintenance	10
Troubleshooting Guide	11

Safety Precautions

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- **Do not start or stop the appliance by unplugging and plugging the power cord.** This may result in fire and/or electric shock
- **Do not use any extension cords, power boards or adapters to connect this appliance.** Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating, this can result in fire and/or electric shock).
- **Do not damage or modify the power cord or plug. Do not tamper with, tie or twist the power cord. Do not place heavy items on the power cord or subject the power cord to heat.** This can result in fire and/or electric shock.
- **If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or TECO service center.**
- **Do not put your fingers or any objects, into the air outlet and inlet. Please do not touch the swing louvres.** The internal fan rotates at a high speed, and thus such an action may result in an injury or malfunction.
- **Do not attempt to repair, take apart, or modify the appliance.** It may result in fire and/or electric shock. Refer servicing to your dealer or TECO Service Centre.
- **Do not put the appliance near heat generating devices (such as stoves, fan heaters, etc.).** The plastic parts may melt causing fire.
- **Wipe dust off the power plug and insert the plug firmly into the power outlet socket.** If the plug is not fully inserted in the power outlet socket, electrical arcing may occur which in turn may cause fire and/or electric shock.
- **Should a malfunction occur (such as a burning smell, etc.), switch off the appliance and unplug it from the power outlet socket.** Continuing to operate a malfunctioning appliance may result in fire, electric shock, and further malfunction. Contact your dealer or TECO Service Centre for consultation.
- **Do not cover the air inlet and the air outlet with clothes, curtains, etc.** This results in poor ventilation and may cause heat generation and fire.

Safety Precautions

- **Do not put flower vases or any other objects filled with water on the unit.** Water may leak into the appliance adversely affecting the electric insulation and cause electric shock and or fire by short-circuiting.
- **This appliance is designed for human comfort only and should not be used for preservation of food, art works etc.** This may affect the quality of the items stored.
- **There is a possibility that the temperature around the drainage hose (field supplied) could drop to freezing point (Reverse Cycle Units only).** Water inside the hose may freeze and prevent the water from flowing out. The water may leak from the appliance and damage surrounding objects.
- **Do not block the drainage outlet or drainage hose (field supplied).**
- **If using the appliance with a fixed drain continuously ensure the internal and external drain is clear.** When using the appliance after a long period of time or when draining water continuously, check the unit periodically for foreign objects, etc. that could clog the hose resulting in heat generation and/or a water leakage.
- **Do not use the appliance in places that may be subject to oil or flammable gas leakage.** Such a leakage around the appliance may cause combustion and fire.
- **Do not wash the appliance with water.** It may cause an electric shock.
- **Do not use the appliance where it is likely to come in contact with water.** Exposure to water may result in fire or electric shock caused by a leak of electricity.
- **All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations.** For extra safety it is advisable to install a suitable residual current device (RCD). Contact a qualified electrician for advise.
- **Ensure power is not supplied to the appliance until after installation work has been carried out.**
- **The appliance is supplied with a mains cable with plug ready for connection to a 220~240V mains supply.**
- **Please ensure the electrical connection data plate information match the household mains supply.**
- **Connection should be made via a suitable switched wall socket which is easily accessible after installation.**

Introduction

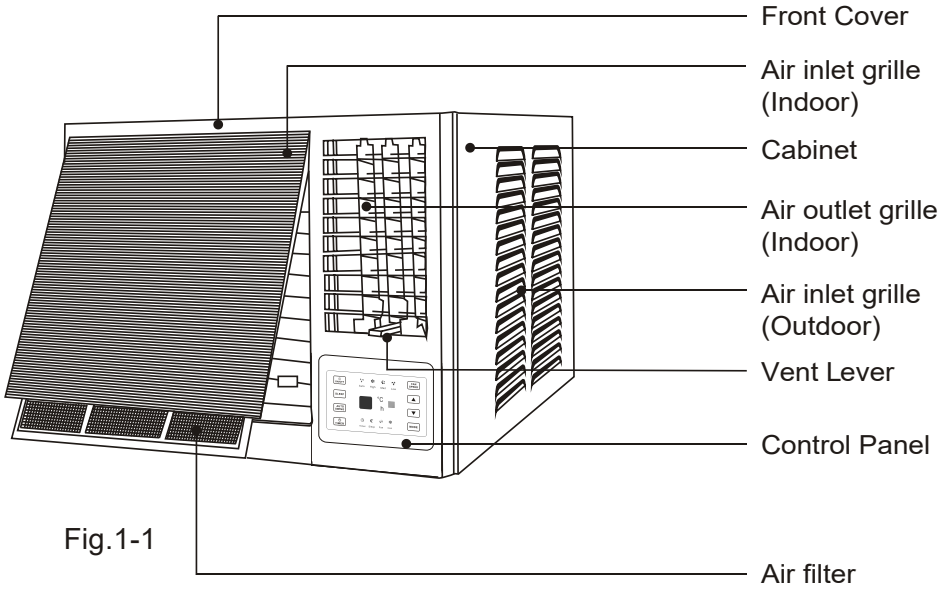
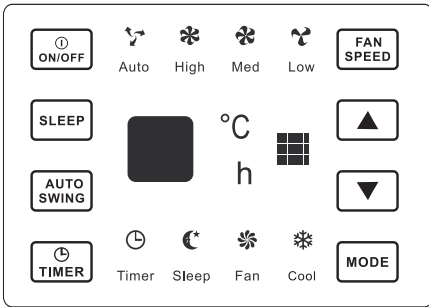
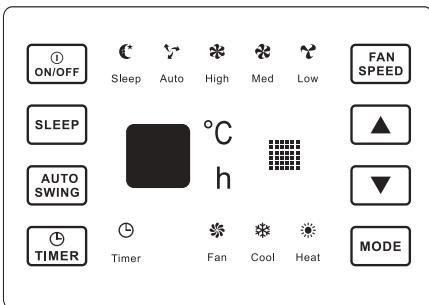


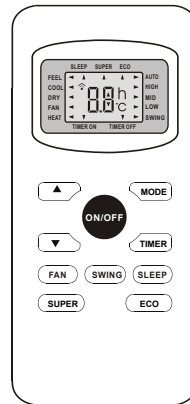
Fig.1-1



Cooling Only Control Panel



Reverse Cycle Control Panel











Remote Controller











Operating Instructions

► Control Panel

You can easily operate this air conditioner by pressing the relevant buttons on the control panel as well as the remote controller.

No.	Button	Function
1		<ul style="list-style-type: none"> Used to adjust airflow direction.
2		<ul style="list-style-type: none"> Used to set or cancel timer operation. When the unit is in operation, you can set OFF TIMER. When the unit is off, you can set ON TIMER. Timer setting range is 0.5 to 24 hours. If the OFF TIMER is set, the timer LED displays the remaining time to turn off the unit for only 10 seconds, then LED shifts to display set temperature. If you press TIMER button within the 10 seconds, OFF TIMER will be canceled. If the ON TIMER is set, the timer LED displays the remaining time to turn on the unit. If you want to cancel ON TIMER, press TIMER button.
3		<ul style="list-style-type: none"> Every time you press this button, the air conditioner will be started when it is on standby or will be stopped when it is in operation.
4		<ul style="list-style-type: none"> Every time you press this button, the operation mode is changed in sequence: COOLING → FAN ONLY → HEATING → COOLING Cooling Only model will not receive or operate with the heating mode signal.
5		<ul style="list-style-type: none"> Used to select fan speed in sequence auto, low, mid and high.
6	 	<ul style="list-style-type: none"> These buttons to increase or decrease the set temperature or adjust time in TIMER mode.
7		<ul style="list-style-type: none"> To activate the SLEEP function.

Indication symbols of LED on control panel

No.	Button	Function
1		Timer
2		Cooling
3		Heating
4		Fan only
5		Sleep
6		Display set temp./Display set timer
7		Low fan speed
8		Mid fan speed
9		High fan speed
10		Auto fan speed

Above LED lights on when the relevant mode is in used.

Operating Instructions

► Remote Controller

The remote controller transmits signals to the system.

No.	Button	Function
1	▲ (UP)	Increase the temperature or time by 1 unit
2	▼ (DOWN)	Decrease the temperature or time by 1 unit
3	ON/OFF	To switch the conditioner on and off.
4	FAN	To select the fan speed of auto/low/mid/high
5	TIMER	To set automatic switching-on/off
6	SLEEP	To activate the function "SLEEP"
7	MODE	To select the mode of operation
8	SWING	To activate or deactivate of the automatic air swing function.
9	ECO	To activate the function "ECO"
10	SUPER	Press this button to activate / deactivate the Super function which enables the unit to reach the preset temperature in the shortest time.

⚠ The outlook and some function of remote control may vary according to the model.

⚠ The shape and position of buttons and indicators may vary according to the model, but their function is the same.

⚠ The unit confirms the correct reception of each press button with a beep.

Power Requirements

- Rated voltage and voltage range: 220~240V/50Hz.
The electrical/ electronic components could be damaged when the voltage is too high. If the voltage is too low, the compressor could vibrate violently causing damage to the refrigerant system which will cause the compressor and electric components not to operate correctly.
- This unit is grounded through the power cord when plugged into the wall outlet. If you are not sure whether your wall outlet is properly grounded, please consult a qualified electrician.
- Check the capacity of wiring and power outlet. The power outlet should be used exclusively for the air conditioner. Do not use it with other appliances.
- Check available power supply and resolve any wiring problems BEFORE installing and operating this unit.
- All electrical wiring and connections must comply to the current electrical Australian Standards and Wiring rules.

Installation Instructions

Teco Australia Pty Ltd will not warrant the equipment supplied, if the installation does not comply with the Building Code of Australia or any other similar standard or code. The customer/contractor is solely responsible for ensuring that the equipment installed complies with any relevant codes or standards.

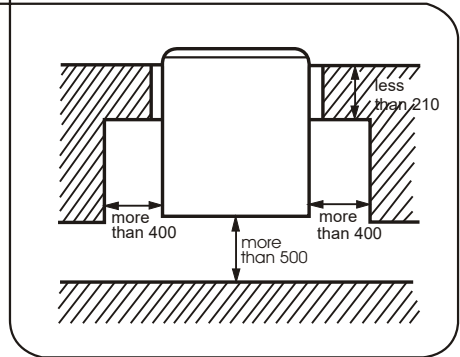
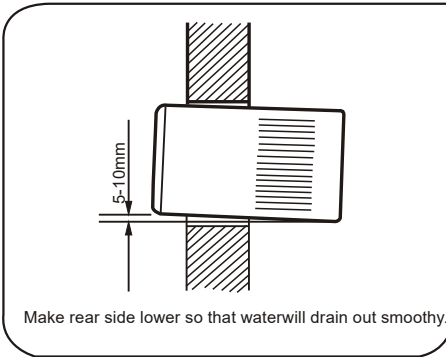
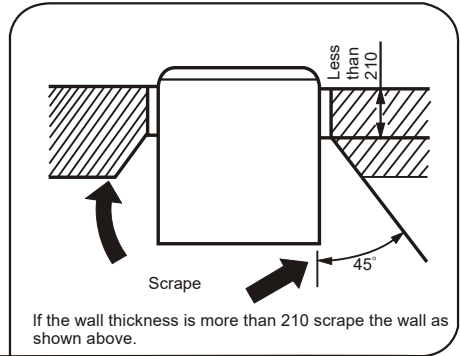
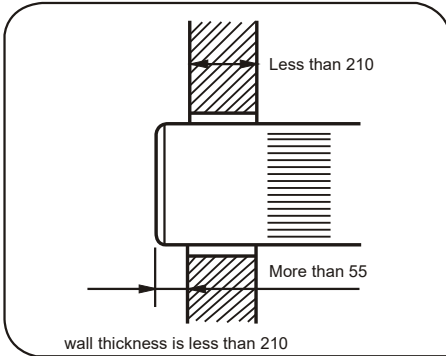
Due to various wall and window types and constructions, Teco Australia Pty Ltd recommends the window/wall type room air conditioner must be installed with compliance to the Building Code of Australia, Local Government or body corporate requirements. Please consult your local builder or air conditioning contractor. All hardware required to install the air conditioner is field supplied.

Installation Instructions

REMOVE ALL THE SHIPPING PARTS BEFORE INSTALLATION

LOCATION

- Select a location that can support the weight of the air conditioner and one that will not cause increased operation noise and vibration.
- Direct sunlight is unfavorable for efficient cooling.
- Select a place where there is no obstacles near the air inlet and outlet.



Installation Instructions

- 1) Remove the front panel. (Fig.5)
 Remove the air filter. (Fig.6)
 Remove screw at the bottom of the front panel. (Fig.7) Open the panel cover.
- 2) Remove the two screws on the back of the cabinet. (Fig.8)
- 3) Grasp the handle on the front of the chassis and carefully slide the air conditioner unit out of the cabinet. (Fig.9)
- 4) Install the drain tube adapter into the hole provided at the rear of the air conditioner chassis.(Fig.11)
 There are two methods to drain the condensed water. You can choose either back drainage or bottom drainage. For Reverse Cycle models, both Bottom drainage & Back drainage methods are required.
Bottom drainage method: Fix the drain tray in position using four screws (provided) and then use the rubber plug to block the back drainage hole.(Fig.15)
Back drainage method: Fix the drain tube adapter to the back drainage hole and use the rubber plug to block the bottom drainage hole. Make sure that the sealing ring is fitted to prevent water leakage.(Fig.16)
- 5) Fit the air conditioner cabinet securely to the installation shelf / mounting bracket (not included) with screws.(Fig.10)
- 6) Carefully slide the unit back into the cabinet.(Fig.12)
- 7) Reinstall the front panel and mounting screws. (Fig.8,7,13)
- 8) Reinstall the air filter.(Fig.14)

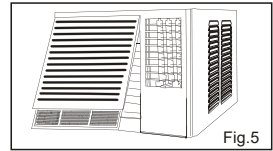


Fig.5

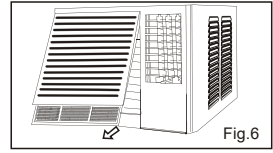


Fig.6

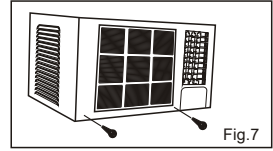


Fig.7

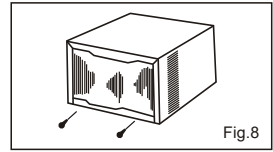


Fig.8

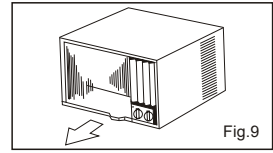


Fig.9

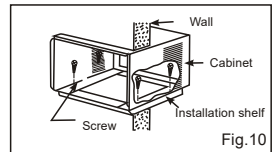


Fig.10

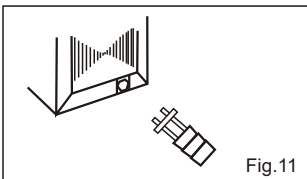


Fig.11

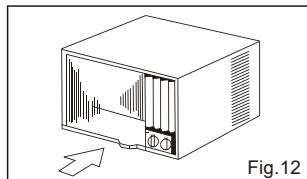


Fig.12

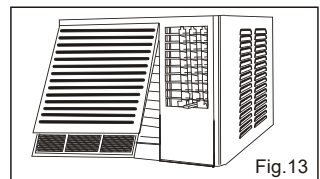


Fig.13

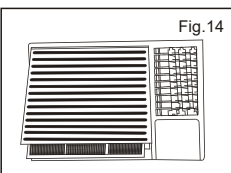


Fig.14

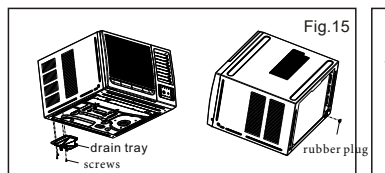


Fig.15

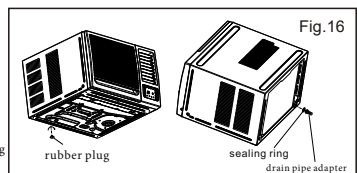


Fig.16

Care and Maintenance

AIR FILTER

- The air filter should be washed at least once a month. If the air filter is clogged with dust, the air flow will decrease and the cooling capacity will be reduced.
- The filter is behind the front panel and to be pulled out from right hand side.
- Wash the air filter with water and detergent.
- Rinse with clean water and dry before reinstalling.

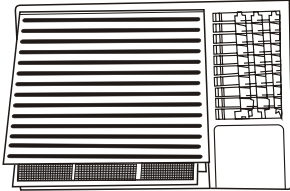


Fig.15

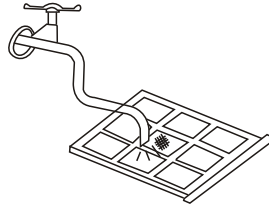


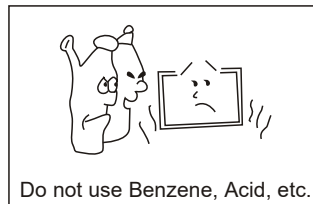
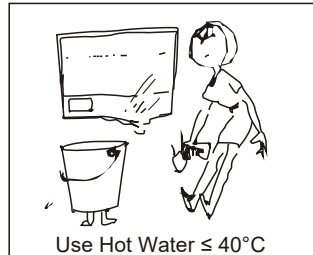
Fig.16

ACTIVE CARBON- PHOTOCATALYST-STATIC FREE FILTER

- The active carbon-photocatalyst-static free filter is a special 3-In-1 health filter.
- Do not wash the 3-In-1 filter as the performance will be affected.
- To clean it, wipe it with a soft dry cloth.

FRONT PANEL

- The front panel will accumulate dirt and dust. To clean it, wipe it with a soft dry cloth. When it is excessively dirty, wipe it with a soft cloth dampened with warm water and mild detergent, then wipe it again thoroughly with a soft dry cloth.



⚠ CAUTION

- Remove the active carbon-photocatalyst-static free filters from the air filter before wash.
- Do not wash the 3-In-1 filters.
- Do not use hot water above 40°C for washing the air filter.
- Let the filter dry thoroughly in the shade before reinstalling.
- Do not expose it directly to the sun.
- Do not operate the air conditioner without the filter.

Troubleshooting Guide

- Never use hot water above 50°C, benzene, gasoline, acid, thinner or brush to wipe off dirt because they will damage the plastic surface and the coating.

MAINTENANCE BEFORE & AFTER LONG PERIOD OF UNUSE

- Operate the fan alone ("LOW FAN" or "HIGH FAN") for half a day to dry out the inside of the unit.
- Turn off power and remove plug from wall socket.
- After a long off period of unuse and before restarting the air conditioner again, clean the CONDENSER (at the rear) and EVAPORATOR (at the front) coil fins, using a soft brush or vacuum cleaner.

CAUTION

- Be careful not to damage the aluminium fins during the cleaning.

BEFORE ASKING FOR SERVICE

Check the following points before requesting for repairs or service. If the malfunction persists, please contact our customer service.

Faults	Cause
Does not operate	<ul style="list-style-type: none">① Is the power off?② Is the fuse blown?③ Is the voltage extremely high or low?④ Is the operation switch set to "off"?
Does not cool effectively	<ul style="list-style-type: none">① Is the air filter clogged with dust or dirt? See air filter instructions on page 10.② Is the sunlight directly on the unit?③ Is the ventilation on the rear side obstructed? Leave a space of 500mm behind the rear side of the air conditioner?④ The doors or windows may be opened widely or there are other sources of heat in the room?⑤ The temperature button may not set to the colder position. Set the temperature lower.⑥ Is the ventilation damper opened?

Did you know?

TECO Australia's product range also includes:

- ◆ Top Load Clothes Washers
- ◆ Front Load Clothes Washers
- ◆ Twin Tub Clothes Washers
- ◆ Auto Sensing Condenser and Vented Clothes Dryers
- ◆ Refrigerators
- ◆ Chest and Vertical Freezers
- ◆ Bar Fridges
- ◆ Televisions
- ◆ Air Curtains and Air Conditioners

Visit **www.teco.com.au** for our full range.

REPAIRS, SERVICE & WARRANTY

It is hazardous for anyone installing, removing, altering, repairing, servicing or testing of this appliance.

Only an Authorised Service Person can carry out servicing or repairs to this appliance.

IF SERVICE IS REQUIRED:

If you have a problem, and the problem persists after you have made the checks mentioned in this manual, contact:

TECO Australia's Service on 1300 660 037 (8:30am - 4pm Mon~Fri

AEST) For warranty details please visit www.teco.com.au

Service Email : had.service@teco.com.au

Spare Parts : had.parts@teco.com.au



WARRANTY INFORMATION

Teco's warranty information for the product purchased is available at www.teco.com.au.

A copy of the warranty may also be obtained by contacting Teco's Warranty and Service Department on 1300 660 037 during business hours (Mon - Fri 8.30am – 4pm AEST).

To arrange for servicing of a Teco product, please contact our Warranty and Service Department on 1300 660 037 during business hours (Mon - Fri 8.30am – 4pm AEST).

To assist in processing any warranty claim that you may have Teco recommends that you:

1. Complete the following information in relation to your purchase:

Name of retailer: _____

Name of owner: _____

Date of purchase: _____

Model No. : _____

Serial No. : _____

MFG code: _____

2. Retain proof of your purchase for any warranty claim. Ideally this proof of purchase will be the tax invoice issued for your purchase.

3. Complete the following information in relation to the person that installed your Teco appliance (if applicable):

Installer's name: _____

Telephone No.: _____

Licence No.: _____



www.teco.com.au