

USE & CARE MANUAL



PORTABLE AIR CONDITIONER

Read and follow all safety rules and operating instructions before first use of this product.

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Unit Parts Identification



Introduction

This Owners Manual will provide you with valuable information necessary for the proper care and maintenance of your new appliance. If properly maintained, your appliance will give you many years of trouble free operation. Please take a few moments and read the instructions thoroughly and familiarize yourself with all of the operational aspects of this appliance.

Your Portable Air-Conditioner is a multi-functional room air-exchanging, air-processing appliance, designed to offer you the functions of: Cooling, Dehumidifying and Independent Fan. This unit can be conveniently moved from room to room within your home and setup in just minutes.

It is recommended that the air processing appliance is in an upright position at all times for proper operation and efficiency. If the air processing appliance has been placed in a horizontal (unit placed on side) position, the unit must be placed in an upright position for a minimum of two hours prior to operation.

For easy reference, may we suggest you attach a copy of your sales slip/receipt to this page, along with the following information which is located on the manufacturers nameplate located on the rear panel of the unit.

Model Number: _____

Serial Number: _____

Date of Purchase: _____

Dealer's Name and Address: _____

This information will be required if your unit requires servicing and/or for general inquiries. Keep these instructions for future reference.



This symbol denotes a caution or warning.

	CAUTION	
Do not leave this unit unattended in a space where people or animals who cannot react to a failed unit are located. A failed unit can cause extreme overheating or death in such an enclosed, unattended space.		

Electrical Specifications

1. All wiring must comply with local and national electrical codes and be installed by a qualified electrician. If you have any questions regarding the following instructions, contact a qualified electrician.
2. Check available power supply and resolve any wiring problems BEFORE installation and operation of this unit.
3. This unit draws 9.6 amps (nameplate rated) under **Cooling mode** and may be used in any properly wired, general purpose 15 amp household grounded receptacle.
4. For your safety and protection, this unit is grounded through the power cord plug when plugged into a matching wall outlet. If you are not sure whether the wall outlets in your home are properly grounded, please consult a qualified electrician. **DO NOT USE PLUG ADAPTERS OR EXTENSION CORDS.**
5. The manufacturers nameplate is located on the rear panel of the unit and contains electrical and other technical data specific to this unit.

6. To avoid the possibility of personal injury, always disconnect the power supply to the unit, before installing and/or servicing.

Table 1

Suggested Individual Branch Circuit

Nameplate Amps	AWG Wire Size*
7.4 to 12.0	14

AWG-American Wire Gage

*Based on copper wire at 60°C temperature rating.

Table 2

Receptacle and Fuse Types

Rated Volts	115
Amps	15

Wall Outlet



Fuse Size

Time Delay Fuse
(or circuit breaker)

Plug Type

Unit Specifications:	MODEL MPK-10CR
Cooling Capacity	10000 Btu/h
Heating Capacity	Not Applicable
Dehumidifying Capacity	76 Pints (36L/24Hrs)
Noise Level	Less than 54 dB(A)
Power Source	115V / 60Hz
Refrigerant	R22
Water Tank Capacity	3.5L(7.4Pints)
Unit Weight	33kg(72.7 lb.)
Unit Dimensions(inches)W×D×H	12.8"×18.1"×33.1"
Unit Dimensions(cm)W×D×H	32.5×46×84
Fan speeds	3
Control Panel(Illuminated)	Soft Touch Controls
Time of Day Clock	No
Auto - Timer	Yes
Power Consumption:	
Cooling	1100Watts(9.6 Amps)
Heating	Not Applicable
Fan	90W(0.8Amps)

NOTE: Product features or Specifications as described or illustrated are subject to change without notice.

Energy-Saving Tips

This appliance is designed to be highly efficient in energy savings. Follow these recommendations for greater efficiency.

- 1) Select a thermostat setting that suits your comfort needs and leave at that chosen setting.
- 2) The air filter is very efficient in removing airborne particles. Keep the air filter clean at all times.
- 3) Use drapes, curtains or shades to keep direct sunlight from penetrating and heating room, but do not allow drapes or curtains to obstruct the air flow around the unit.

- 4) Start your air conditioner before the outdoor air becomes hot and uncomfortable. This avoids an initial period of discomfort while the unit is cooling off the room. Use of the automatic start / stop programmable **TIMER** feature can be a major asset in this regard if utilized to the fullest extent.
- 5) When outdoor temperatures are cool enough, turn the air conditioner off and use the **FAN MODE** on **HIGH**, **MED** or **LOW**. This circulates indoor air, providing some cooling comfort and utilizes less electricity.

Window Installation



Electric Shock Hazard

To avoid the possibility of personal injury, disconnect power to the unit before installing or servicing.



CAUTION



To avoid installation/operation difficulties, read these instructions thoroughly.

The exhaust/window kit must be installed at all times when the unit is operating under the COOLING mode. There should be at least 11.8"(30 cm) clearance between the unit and any other objects or building structure. The unit should be installed on a level surface. The window kit does not have to be installed during operation of the remaining two modes. (Dehumidifying/Fan).

Installation Accessories Fig.1

Description

Qty

Flexible exhaust hose with adapters.....3/pc
stretches from 31" (79cm) up to 89" (226cm)

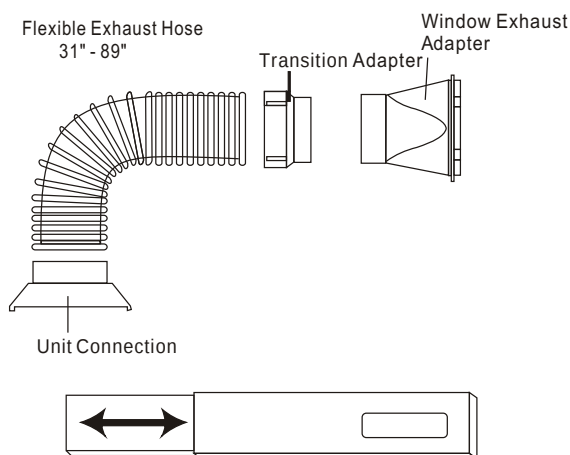
Window exhaust adapter(flat mouth).....1pc

Adjustable window/window slider kit....2/pc
from 26¹/₂" (67.3cm) up to 47⁷/₈"(121.6cm)

Drain hose connector.....1 pc

SPECIAL NOTE: Exterior drain hose extension (direct drain) is not included with this unit and can be purchased through any local Hardware Store.

Fig. 1 Installation Accessories



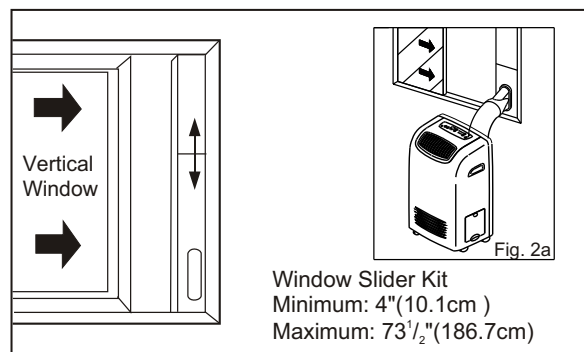
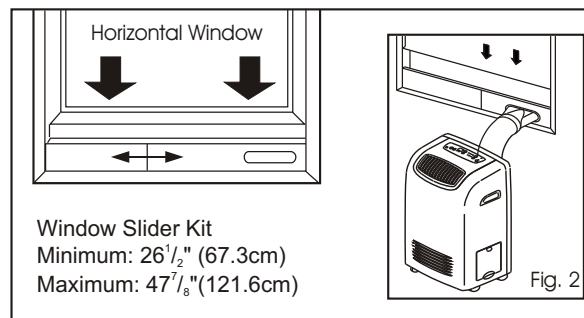
Window Kit Installation

Your window kit has been designed to fit most standard "vertical" and "horizontal" window applications. However, **it may be necessary for you to improvise/modify some aspects of the installation procedures for certain types of windows.** Please refer to Fig. 2 & Fig. 2a for minimum and maximum window openings.

Water Tank Safety Feature

This unit is equipped with a fail-safe switch mechanism which prevents the unit from condensing water in the event the water tank is accidentally displaced, and / or **FULL** with water. If this situation occurs, the **LED** window shows **"P1"** and the **WATER FULL** indicator light will flash red continuously until the water tank is correctly positioned and/or emptied.

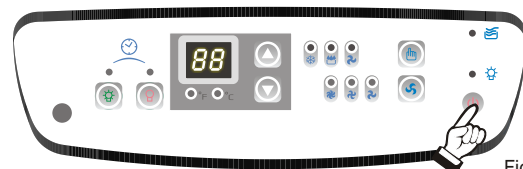
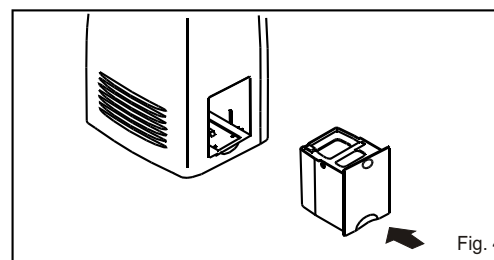
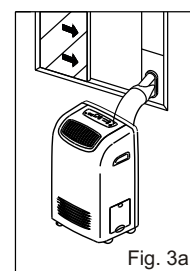
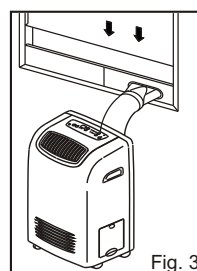
NOTE: The fan motor will continue to operate under this condition. This is normal, but no cooling or dehumidifying will occur until the tank is emptied and/or correctly installed (It may take several minutes before the compressor resumes normal operation).



Operating Instructions

Before Starting This Unit

- 1) Select a suitable location, making sure you have easy access to an electrical outlet.
- 2) Install the **Flexible Exhaust Hose** and the **Adjustable Window Slider Kit** as depicted in Fig. 3 & Fig. 3a.
- 3) Plug the unit into a 115V / 60Hz grounded electrical outlet (Refer to the nameplate). **DO NOT USE AN EXTENSION CORD.**
- 4) Make sure the **Water Tank** is correctly positioned inside the cabinet otherwise the unit will not operate. Fig 4.
- 5) To turn the unit on, press the **POWER** key (On / Off Switch). Fig. 5.



Key Pad Functions Fig.6

- ⏻ Power On/Off.
- ⌂ Selects the appropriate operating mode.

Cool-Dry (Dehumidify)-Fan

MODE Indicator Lights: Illuminates under the different mode settings. Fig.7.

- ❄️ **COOL Mode:** Green light
- 💧 **DRY(Dehumidifier)Mode:** Green light
- 🌀 **FAN Mode:** Green light

Green Light : Remains on while compressor is operating. Green light turns off when desired temperature is achieved.

- 🚰 **Water Full Indicator Light:** Flashes red when the water level of the water tank exceeds the maximum set level or if the water tank is not correctly positioned in the cabinet. Fig. 8.

⚙️ :Selects High-Medium-Low fan speeds

Fan Options: ⚙️ (High) ⚙️ (Medium) ⚙️ (LOW)

Cooling (3 speeds) **High-Medium-Low.**

Dry-Dehumidifying (1 speed) **High.**

Fan (3 speeds) **High-Medium-Low.**

- ⬆️ Used to adjust (forward) temperature settings (1°C/2°F increments).
- ⬇️ Used to adjust (backward) temperature settings (1°C/2°F increments).

- **Note:** This appliance provides a feature that will allow you the option of setting temperatures in "Celsius" or "Fahrenheit". To change the temperature display on the main unit, press the "⬆️" key pad & "⬇️" key pad "simultaneously" to alternate between the °C & °F scale. Celsius scale allows adjustments of 1°C increments. Fahrenheit scale allows adjustment of 2°F increments.

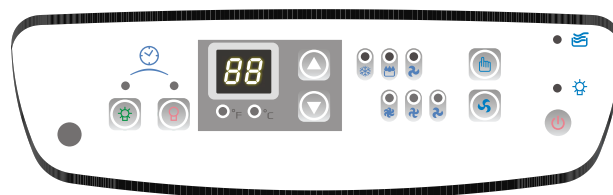


Fig.6

- ❄️ Green light while cooling
- 💧 Green light while dehumidifying
- 🌀 Green light while fan only

Fig.7

- 🚰 The LCD window will show "P1" and the Water Full indicator will flash every 0.5 seconds.

Fig.8

Temperature Conversion Chart													
°C	10	11	12	13	14	15	16	17	18	19	20	21	
°F	48	50	52	54	56	58	60	62	64	66	68	70	
°C	22	23	24	25	26	27	28	29	30	31	32	33	
°F	72	74	76	78	80	82	84	86	88	90	92	94	

88 LED Window: Shows the setting temperature and Auto-On/Off time. While on **DRY** and **FAN** mode, it shows the room temperature.

⚙️ **TIMER ON:** Used to initiate the AUTO ON start time program, and adjust Auto-Timer settings.

⌚ **TIMER OFF:** Used to initiate the **AUTO OFF** stop time program, and adjust Auto-Timer settings.

Air Conditioner Operating Instructions

- 1) Install the **Flexible Exhaust Hose** Fig.9 and the **Adjustable Window / Slider Kit** as depicted in Fig. 2 & 2a on Page 5.
- 2) Press the **Ⓢ** (on/off) key pad to switch on the unit.
- 3) Press the **MODE** key until the **COOL** indicator light comes on(Fig.10). Each depression of the **MODE** key will advance to a different mode setting (**Cool-Dry-Fan**).
- 4) Press the appropriate **⬆** or **⬆** key to select a suitable temperature setting. The temperature selected will be indicated in the **LED Display** window.

Temperature settings are adjustable between 17°C (62°F) to 30°C (88°F). Fig.11.

The green indicator light will come on indicating the air-conditioning mode is operational (there may be a slight delay of 10-30 seconds before the cycle begins, this is normal).

- 5) Press the **FAN** key to select the desired fan speed setting (**High-Med-Low**). See Fig.12. Each depression of the fan key will advance to a different setting.
- 6) Condensed water will be accumulated in the water tank. When the tank is full, the **LED** window will show "P1" and the **Water Full** indicator light start flashing. At this time the air cooling process will immediately stop. However, the fan motor will continue to operate (this is normal). Carefully remove the water tank from the cabinet and dispose of the water. Replace the water tank back to it's original position (in cabinet) and the air cooling process will automatically resume. It may take 3-5 minutes for the compressor to re-start. This is normal.

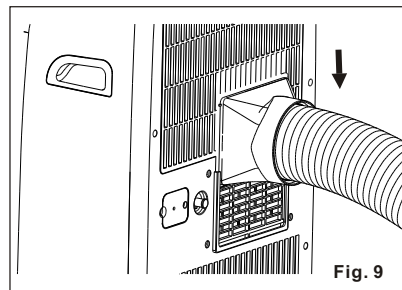


Fig. 9

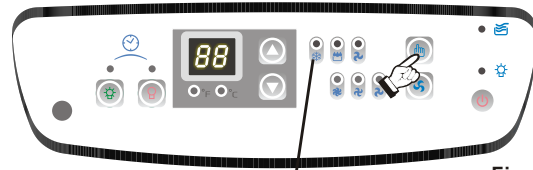


Fig. 10

Cool Indicator

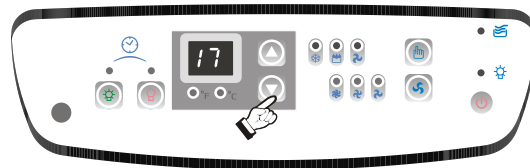


Fig. 11

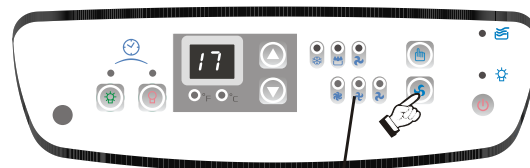


Fig. 12

Fan speed

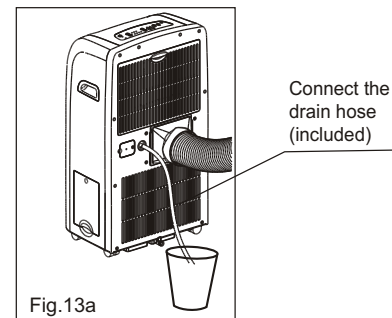
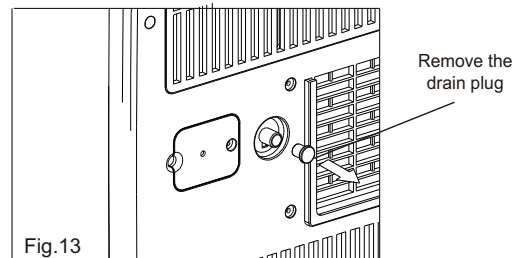
Air Conditioner Operating Instructions (continuous drain)

- 7) This unit also has provisions for a continuous "drain" option (for basement applications having a floor drain). To connect the continuous drain option, remove the drain plug from the back of the unit, then install the drain hose. Please remember to place the open end of the hose into a bucket or floor drain failure to comply with these procedures will result in flooding.

Fig13 &13a.

- 8) To adjust "air flow" direction , (up / down only) move the louver wheel with finger to the desired position. Fig.14.

Cooling stops automatically when the set temperature is achieved. Cooling resumes when the room temperature rises above the set temperature level. The temperature has no effect on the fan operation. Therefore, the fan will operate continuously (after the compressor has cycled off) to maintain optimal temperature control.



**ATTENTION**

Removal and/or partial displacement of the water tank will cause the compressor to stop operating (this is a safety feature). Under this condition the "water full" light will flash (**red**) continuously until the tank is corrected. **The compressor cannot operate during a flashing "red" light condition.** Check the following;

1. Is the water tank full?
Empty and re-install water tank.
2. Has the water tank been accidentally displaced?
Re-Position water tank.

The "red" light will stop flashing automatically
When the water tank has been emptied and / or correctly re-positioned.

**CAUTION**

During cooling and dehumidifying modes, if the compressor cycle is interrupted (unplugged, power failure, etc.) And reinstated immediately thereafter (within 3-5 minutes), A "compressor protection circuit" is automatically self-affected. The mode indicator light will flash "green" for approximately 10 seconds, confirming the protection circuit is activated. The compressor cannot operate during a "compressor protection" condition (this is normal). It may take 3-5 minutes before the "protection circuit" self-deactivates.

DO NOT ATTEMPT TO START THE UNIT (COMPRESSOR) DURING THIS PERIOD.

DRY (Dehumidifier) Operating Instructions

- 1) Press the  (on/off) key pad to switch on the unit.
- 2) Press the **MODE** key until the **DRY** indicator light comes on (Fig.15). Each depression of the **MODE** key will advance to a different mode setting (**Cool-Dry-Fan**).
- 3) The **green** indicator light will come on indicating the dehumidifying mode is operational .

IMPORTANT: Under the dehumidifying mode, you cannot select a fan speed or adjust the temperature. The fan motor operates at a pre-set **High Fan** speed and the LED window displays the ambient temperature.

- 4) To drain off the water, remove the drain plug from the back of the unit and connect the drain hose; then attach the other end of the drain hose to the water tank as depicted in Fig.16a. Condensation starts to flow into the internal tank through the drain hose. Fig.16b. When the tank is full, the **LED** window will show "P1" and the **Water Full** indicator light start flashing. At this time the Dehumidifying process will immediately stop. However, the fan motor will continue to operate (this is normal). Carefully remove the water tank from the cabinet and dispose of the water. Replace the water tank back to it's original position (in cabinet) and the dehumidifying process will automatically resume. It may take 3-5 minutes for the compressor to re-start. This is normal.

- 5) This unit also has provisions for a continuous "drain" option (for basement applications having a floor drain). To connect the continuous drain option, remove the drain plug from the back of the unit, then connect the drain hose. Please remember to place the open end of the hose into a bucket or floor drain failure to comply with these procedures may result in flooding. Fig13 & 13a on page 8.

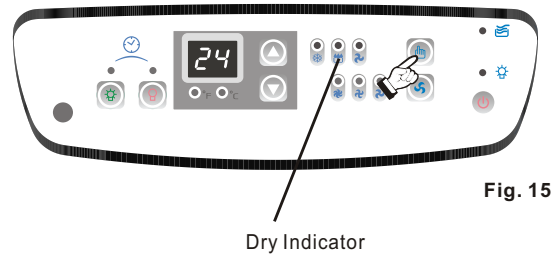


Fig. 15

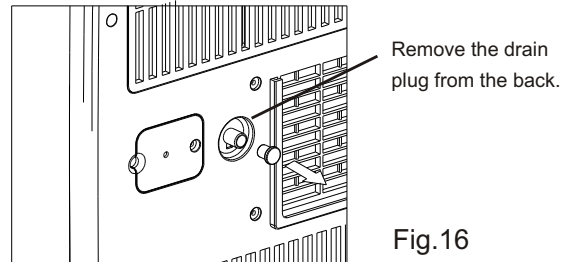


Fig.16

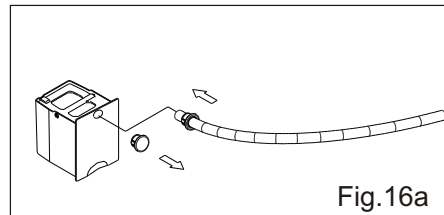


Fig.16a

Remove the drain plug and install the drain hose.

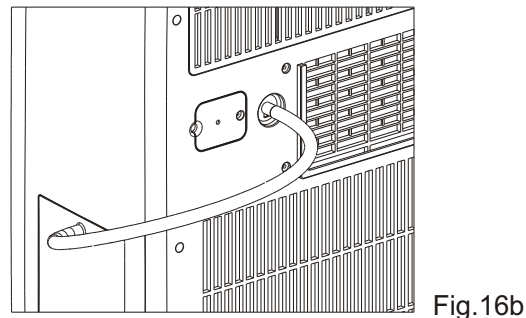


Fig.16b

- 6) To adjust "air flow" direction, (up / down only) move the louver wheel with finger to the desired position. Fig.14 on page 8.

Fan Operating Instructions

- 1) Press the  (on/off) keypad to switch on the unit.
- 2) Press the **MODE** key until the **FAN** indicator light comes on (Fig.17). Each depression of the **MODE** key will advance to a different mode setting (**Cool-Dry-Fan**).
- 3) The green indicator light will come on indicating the fan mode is operational. You can not select the temperature under fan mode condition. The LED window displays the ambient temperature.
- 4) Press the **FAN** key to select the desired fan speed setting (**High-Med-Low**). Each depression of the fan key will alternate between the different fan speed settings. Fig.18.
- 5) To adjust "air flow" direction, (up / down only) move the louver wheel with finger to the desired position. Fig.14 on page 8.

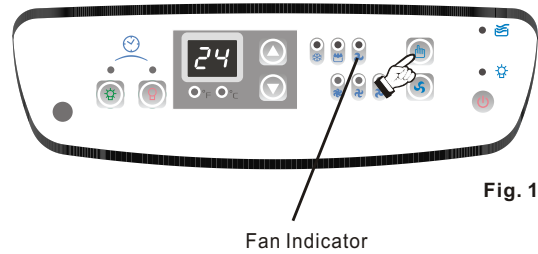


Fig. 17

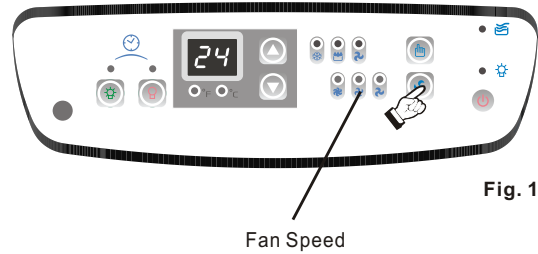


Fig. 18

Auto-Timer Instructions

NOTE:

The AUTO-TIMER feature offers a unique selection of multiple choice, fully automatic on/off (start / stop) programs between 0-24 hrs under any one mode of your portable unit.

The programs are as follows:

a) Auto-off:

Please be aware that in order for the (Auto - Off) function to work properly, the unit must be operating (On Position).

Pre-select a specified time (between 0-24hrs) for the unit to remain operating. At the end of the selected duration unit will turn off automatically. This function must be performed daily as the program is automatically cancelled / erased upon completion of the function or if the unit should be unplugged.

b) Auto-On:

Please be aware that in order for the (Auto - On) function to work properly, the unit must be operating (Off Position).

Pre-select a specified time (between 0-24hrs) to start the operation of the unit. At the end of the selected duration unit will turn on automatically. This function must be performed daily as the program is automatically cancelled / erased upon completion of the function or if the unit should be unplugged.

c) Auto-On & Auto-off:

Pre-select a time that will turn on and turn off the unit (automatically) at specified times (between 0-24 hrs).

This program does not contain built-in memory. Any interruption to the electrical power supply of the unit will automatically cancels / erases all auto timed programs. In the event this should happen, you will be required to re-set your program.

Setting the AUTO-ON TIMER

Before setting the **AUTO-ON** timer, you must select the appropriate **MODE** and settings (FAN SPEED, TEMP, etc.)

- 1) Turn the unit "on" (⏻ switch).
- 2) Select the appropriate **MODE** under which you want the unit to operate (**Cool-Dry-Fan**) Fig.19.
- 3) Select the appropriate **FAN SPEED** setting, under which you want the unit to operate.
(High, Med, Low) (excluding Dehumidifying, as this mode just has "1" fan speed setting only) Fig.20.
- 4) All of the settings are now registered. **TURN THE UNIT "OFF" USING THE ⏻ SWITCH.**
- 5) To set the **AUTO-ON** timer, the unit must be turned to the "off" position (non-operational).

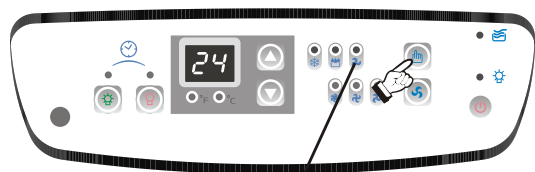


Fig. 19

Operation Mode

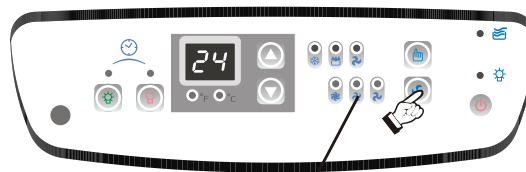


Fig. 20

Fan Speed

Setting the AUTO-ON TIMER(cont'd)

- 6) Press the  **TIMER-ON** key pad to initiate the **AUTO-ON** time sequence Fig. 21. The display window will indicate **the time**. Press the  key to select the desired **AUTO-ON** start time. Fig. 21a.
- 7) **Each press of the** Key pad will increase the **AUTO-TIMED** setting in half an hour increments until the LED window displays 10. Continue pressing the Keypad, each press will increase the **AUTO-TIMED** Setting in an hour increments. When the desired time is established (the time will display in the display window for about 5 seconds), then the temperature will immediately revert back in the display window.

The unit will start automatically when the specified **AUTO-ON** time is achieved. To cancel or override the **AUTO-TIMER** program, simply turn on the unit before the **AUTO-ON** time is scheduled to operate. You can vary the **AUTO-ON** time selection anytime (prior to the program starting) by pressing the **TIMER-ON** key pad.

Setting the AUTO-OFF TIMER

- 1) To set the **AUTO-OFF** timer, the unit must be turned on ( switch) and operational.
- 2) Press the  key pad to initiate the **AUTO-OFF** time sequence. Fig. 22. The display window will indicate the time. Press the  keypad to select the desired **AUTO-OFF** stop time. Fig. 22a.
- 3) **Each press of the** Keypad will increase the **AUTO-TIMER** setting in half an hour increments until the LED window displays 10. Continue pressing the Keypad, each press will increase the **AUTO-TIMER** Setting in an hour increments. When the desired time is established (the time will display in the display window for about 5 seconds), then the temperature will immediately revert back in the display window.
- 4) You can vary the **AUTO-OFF** time selection anytime by pressing the **TIMER-OFF** keypad. The time you selected will appear temporarily for approximately 5 seconds.

IMPORTANT: The desired AUTO-OFF time will be registered within a 5 second period (after pressing the TIMER-OFF keypad).

The unit will stop automatically when the specified **AUTO-OFF** time is achieved .

To cancel or override the **AUTO-TIMER** program, simply turn off the unit manually, prior to the scheduled **AUTO-OFF** time.

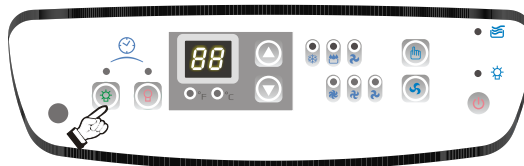


Fig. 21

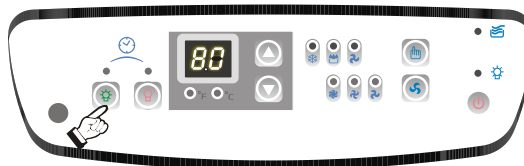


Fig. 21a

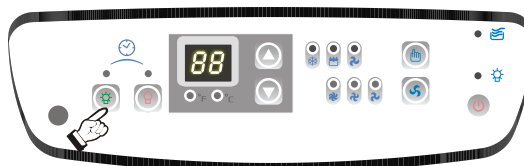


Fig. 22

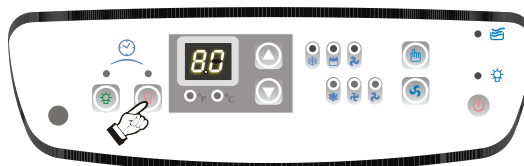


Fig. 22a

Setting the AUTO-ON & AUTO-OFF TIMER

Before setting the **AUTO-ON & AUTO-OFF Timer**, you must also select the appropriate operating **MODE**. After the appropriate settings have been made, **turn off the unit**.

- 1) Press the  **TIMER-ON** key pad to initiate the **AUTO-ON** time sequence. Fig. 21. The display window will indicate **the time**. Press the  key to select the desired **AUTO-ON** start time. Fig. 21a.
- 2) **Each press of the Keypad** will increase the **AUTO-TIMER** setting in half an hour increments until the LED window displays 10. Continue pressing the Keypad, each press will increase the **AUTO-TIMER** Setting in an hour increments. When the desired time is established (the time will display in the display window for about 5 seconds), then the temperature will immediately revert back in the display window.

The unit must remain "OFF" while programming the AUTO-ON program.

- 3) Press the  **TIMER-OFF** key pad to initiate the **AUTO-OFF** time sequence. Fig. 22. The display window will indicate **the time**. Press the  key to select the desired **AUTO-OFF** stop time. Fig. 22a.
- 4) **Each press of the Keypad** will increase the **AUTO-TIMER** setting in half an hour increments until the LED window displays 10. Continue pressing the Keypad, each press will increase the **AUTO-TIMER** Setting in an hour increments. When the desired time is established, (the time will display in the display window for about 5 seconds), then the temperature will immediately revert back in the display window.

IMPORTANT: When the unit is operational, set the **AUTO-OFF TIMER** first, then set the **AUTO-ON TIMER**. The **AUTO-OFF** time should be prior to the **AUTO-ON** time. When the unit is non-operational, set the **AUTO-ON TIMER** first, then set the **AUTO-OFF TIMER**. The **AUTO-ON** time should be prior to the **AUTO-OFF** time. The desired **AUTO-ON & AUTO-OFF** time will be registered within a 5 seconds period (after pressing the **TIMER-ON/OFF** keypads) .

The unit will start automatically when the specified **AUTO-ON** time is achieved and will stop automatically when the specified **AUTO-OFF** time is achieved .

To cancel or override the **AUTO-TIMER** program, simply turn the unit on or off prior to the scheduled **AUTO-ON/OFF** time. You can vary the **AUTO-ON/OFF** time selection anytime by pressing each respective **TIMER-ON / TIMER-OFF** keypad and the selected time will appear replacing the set time.

Care and Maintenance



CAUTION



Before cleaning or servicing this unit, it is recommended that the unit be disconnected from any electrical supply outlet

- 1) **Do Not** use gasoline, benzene, thinner or any other chemicals to clean this unit, as these substances may cause damage to the finish and deformation of plastic parts.
- 2) **Never** attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and wiring insulation.

Removal and Cleaning of the Air Filter

If the air filter becomes clogged with dust/dirt, the air flow will be restricted and this will reduce efficiency. The air filter should be cleaned every two (2) weeks. More frequent cleaning may be necessary depending upon indoor air quality.

- 1) To remove the air filter, grasp the air filter tab.
- 2) Pull the filter "out" then "up". Fig. 23.
- 3) Dust/Dirt clogged in the filter can be removed by vacuum cleaning the soiled areas.
- 4) The filter can also be washed in lukewarm soapy water while rubbing it lightly with a brush. A mild detergent (dishwashing soap) is recommended.
- 5) Rinse the filter well using clean water. Allow time to dry before reinstalling into the unit.
- 6) Replace the air filter.
- 7) Replacement air filters are available through the Customer Service Parts Department.

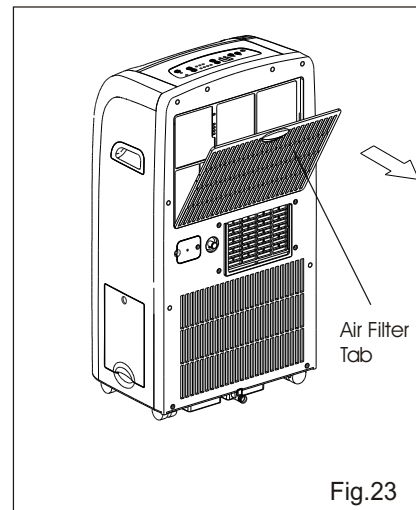


Fig.23



CAUTION



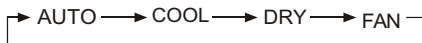
Never operate the unit without the air filter in place as this may result in damage to the unit.

Remote Controller Features

The hand held remote units allows you to control all operational aspects of your air conditioner from the convenience of your favorite armchair. Here are some things you should know about operating the unit with the hand held remote.

Upper Control Buttons

- ① TEMP Button ▼ : Push the button to decrease the indoor temperature setting.
- ② MODE Select Button: Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY and FAN, as the following figure:



- ③ RESET Button: When the RESET button is pushed, all of the current settings are cancelled and the control will return to the initial settings.
- ④ LOCK Button: Push this button to lock in all the current settings. When the function is set, there will be a signal " " shown on the screen of the remote. To release settings, push again and the signal will disappear as well.
- ⑤ TIMER ON Button: Press this button to preset the time ON(start to operate). Each press will increase the time ON setting in half an hour increments. When the setting time displays 10, each press will increase the time ON setting in an hour increments. To cancel the time ON program, simply adjust the Time ON to 0.0.
- ⑥ TIMER OFF Button: Press this button to preset the time OFF (turn off the operation). Each press will increase the time OFF setting in half an hour increments. When the setting time displays 10, each press will increase the time OFF setting in an hour increments. To cancel the time OFF program, simply adjust the Time OFF to 0.0.
- ⑦ ON/OFF Button: Push this button to start the unit operation, push the button again to stop the unit operation.

- ⑧ FAN SPEED Button: This button is used for setting Fan Speed in the sequence that goes from AUTO, LOW, MED to HIGH, then back to Auto. If fan speed is set on AUTO, there will be no signal beside LOW, MED and HIGH.
(The initial fan speed setting is AUTO.)

▲ NOTE

In DRY mode, the actual fan speed will fix on high speed, although the remote can be selected in AUTO, LOW, MED or HIGH fan speed.

- ⑨ TEMP Button ▲ : Push the button to increase the indoor temperature setting.

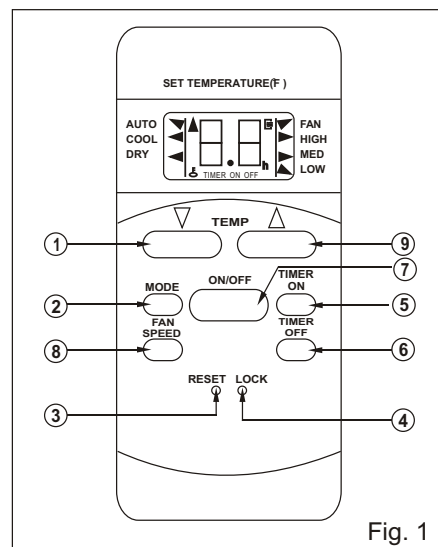


Fig. 1

Battery replacement: Install / Replace Batteries

The Remote Controller uses two alkaline dry batteries (AAA 1.5V).

1. To install batteries, slide back the cover of the battery compartment and install the batteries according to the directions (+ and -) shown on the Remote Controller.
2. To replace the old batteries, use the same method as mentioned above.

▲ NOTE

1. When replacing batteries, do not use old batteries or a different type battery. This may cause the remote controller to malfunction.
2. If you do not use the remote controller for several weeks remove the batteries. Otherwise battery leakage may damage the remote controller.
3. The average battery life under normal use is about 6 months.
4. Replace the batteries when there is no answering beep from the indoor unit or if the Transmission Indicator light fails to appear.

LCD Display Window

- ① **TRANSMISSION Indicator:** This indicator lights when remote controller transmits signals to indoor unit.
- ② **MODE Display:** Shows the current operation modes: AUTO, COOL, DRY and FAN.
- ③ **LOCK display** is displayed by pushing the LOCK button. Push the LOCK button again to clear display.
- ④ **TIMER Display:** This display area shows the settings of TIMER. That is, if only the starting time of operation is set, it will display the TIMER ON. If only the turning off time of operation is set, it will display the TIMER OFF. If both operations are set, it will show TIMER ON OFF which indicates you have chosen to set both the starting time and off time.
- ⑤ **FAN Display:** When the FAN button is pushed, this signal indicator lights.
- ⑥ **Digital Display Area:** This area will show the temperature and, if in the TIMER mode, will show the ON and OFF settings of the TIMER.

▲ **NOTE:** All items are shown in the Fig.2 for the purpose of clear presentation. But during the actual operation only the relative functional items are shown on the display panel.

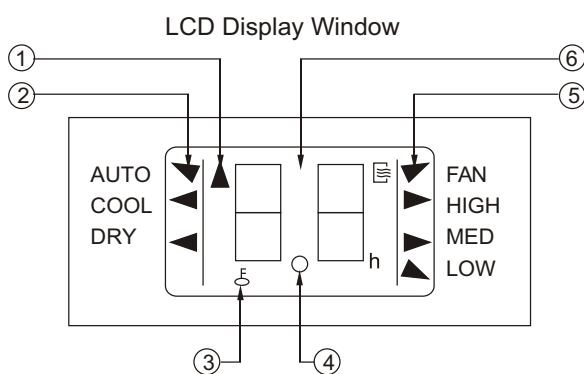


Fig. 2

Remote Control Operating

AUTOMATIC OPERATION

When the Air Conditioner is ready for use, switch on the power and the POWER indicator lamp on the display panel of the unit starts flashing.

1. Use the MODE select button to select AUTO.
2. Push the TEMP button to set the desired room temperature. The most comfortable temperature settings are between 70°F and 82°F.
3. Push the ON/OFF button to start the air conditioner. The unit will automatically select a operation mode and the corresponding model lamp on the display panel of the unit lights. The operating mode of HIGH FAN SPEED is automatically set though there are no indicators shown on the display panel of the remote controller.
4. Push the ON/OFF button again to stop the unit operation.

▲ NOTE

1. In the AUTO mode, the air conditioner can logically choose the mode of COOL, FAN and DRY by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.
2. If the AUTO mode is not comfortable for you , the desired mode can be selected manually.

COOL and FAN ONLY Operation

1. If the AUTO mode is not comfortable, you may manually override the settings by using COOL, DRY or FAN ONLY modes.
2. Push the TEMP button to set the desired room temperature. When in COOLING mode, the most comfortable settings are 70°F or above.
3. Push the FAN SPEED to select the FAN mode of AUTO, HIGH, MED or LOW.
Note: If there is no signal beside HIGH, MED or LOW, then the AUTO fan speed is set.
4. Push the ON/OFF button. The operation lamp lights and the air conditioner starts to operate per your settings. Push the ON/OFF button again to stop this unit operation.

▲ NOTE

The FAN ONLY mode cannot be used to control the temperature. While in this mode, only steps 1, 3 and 4 may be performed.

Remote Control Operating

DRY OPERATION

1. Push the MODE button to select DRY.
2. Push the TEMP button to set the desired temperature from 70°F to 82°F.
3. Push the ON/OFF button. The operation lamp lights and the air conditioner starts to operate in the DRY mode. Push the ON/OFF button again to stop this unit operation.

TIMER Operation

TIMER ON button can set the auto-on time of the unit.

TIMER OFF button can set the auto-off time of the unit.

1. To set the starting time.

- 1.1 Push the TIMER ON button, then the remote controller shows TIMER ON, the last set time for the starting operation and the signal "h" will be shown on the DIGITAL DISPLAY area. You are now ready to reset the time to START the operation.
- 1.2 Push the TIMER ON button again to set desired unit start time.
- 1.3 After setting the TIMER ON, there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" and the time setting will disappear and the set temperature will re-appear on the digital display.

2. To set the stopping time.

- 2.1 Push the TIMER OFF button and the remote controller will show TIMER OFF, the last set time for the stopping operation and the signal "h" will be shown on the DIGITAL DISPLAY area. You are now ready to reset the time of the STOP operation.
- 2.2 Push the TIMER OFF button again to set the time you want to stop the operation.

- 2.3 After setting the TIMER OFF, there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" and the time setting will disappear and the set temperature will re-appear on the digital display.

3. Set the starting & stopping time

- 3.1 Push the TIMER ON button, the remote controller will show TIMER ON, the last set time for START operation and the signal "h" will be shown on the DIGITAL display area. You are now ready to readjust the TIMER ON to start the operation.
- 3.2 Push the TIMER ON button again to set the time you want to start the operation.
- 3.3 Push the TIMER OFF button, the remote controller will show TIMER OFF, the last set time for STOP operation and the signal "h" will be shown on the DIGITAL display area. You are now ready to reset the time to STOP operation.
- 3.4 Push the TIMER OFF button again to set the time you want to stop the operation.
- 3.5 After setting the TIMER, there will be a one-half second delay before the remote controller transmits the signal to the Air Conditioner. Then, after approximately another 2 seconds, the signal "h" and the time setting will disappear and the set temperature will re-appear on the digital display.

▲NOTE

1. Please reset the TIMER after cancelling the former time settings.
2. The setting time is relative time. That is the time set is based on the delay of the current time.

Air conditioner warranty

Your product is protected by this warranty:

Your appliance is warranted by Midea. Any obligations for services and parts under this warranty must be performed by Midea Consumer Services or an authorized Midea servicer.

	WARRANTY PERIOD	Midea, THROUGH ITS AUTHORIZED SERVICERS, WILL:	THE CONSUMER WILL BE RESPONSIBLE FOR:
FULL ONE-YEAR WARRANTY	One year from original purchase date	Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.	Costs of service calls that are listed under NORMAL RESPONSIBILITIES OF THE CONSUMER*
LIMITED 2ND-5TH YEAR WARRANTY (sealed system)	Second through fifth years from original purchase date	Repair or replace any parts in the Sealed Refrigeration System (compressor, condenser, evaporator and tubing) proves to be defective in materials workmanship.	Diagnostic costs and any removal, transportation and reinstallation costs which are required because of service. Costs for labor, parts and transportation other than with respect to the Sealed Refrigeration System.

NORMAL RESPONSIBILITIES OF THE CONSUMER*

This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Proper installation by an authorized servicer in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and / or gas codes.
3. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
4. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it was shipped from the factory.
5. Damages to finish after installation.
6. Replacement of light bulbs and/or fluorescent tubes(on models with these features).

EXCLUSIONS

This warranty does not cover the following:

1. CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN OR ANY IMPLIED WARRANTY.
Note: Some states do not allow the exclusion or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.
2. Service calls which do not involve malfunction or defects in workmanship or material, or for appliances not in ordinary household use. The consumer shall pay for such service calls.
3. Damages caused by services performed by persons other than authorized Midea servicers; use of parts other than Midea Removal Parts; obtained from persons other than such servicers; or external causes such as abuse, misuse, inadequate power supply or acts of God.
4. Products with original serial number that have been removed or altered and cannot be readily determined.

IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment record. The date on the bill established the warranty period should service be required. If service is performed, it is your best interest to obtain and keep all receipts. This written warranty gives you specific legal rights. You may also have other rights that vary from state to state. Service under this warranty must be obtained by following these steps, in order:

1. Contact Midea Consumer Services or an authorized Midea servicer.
2. If there is a question as to where to obtain service, contact our consumer relations Department.

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