



# **WHYNTER 14,000 BTU PORTABLE AIR CONDITIONER AND HEATER WITH 3M SILVERSHIELD FILTER PLUS AUTOPUMP**

**Model # : ARC-148MHP**

## **INSTRUCTION MANUAL**



Congratulations on your new Whynter product. To ensure proper operation, please read this Instruction Manual carefully before using this product. Keep this manual in a safe place for future reference.

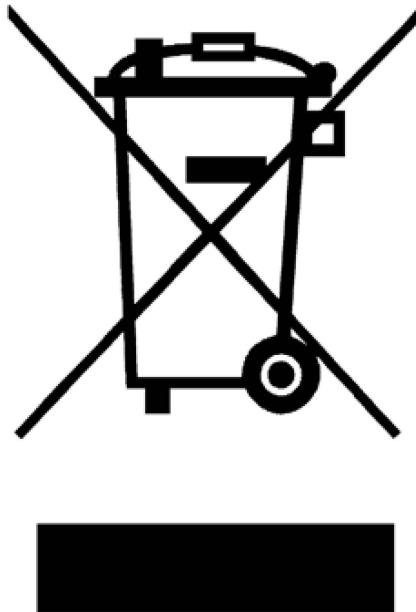
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## DISPOSAL INFORMATION

Thank you for choosing the Whynter 14,000 BTU Portable Air Conditioner and Heater with 3M Silvershield filter. Please follow the instructions provided in this user guide to obtain the very best performance from your portable air conditioner and take full advantage of the many features your portable air conditioner offers you. We trust that your Whynter air conditioner will provide the performance and reliability that we stand for.

Please keep this user manual in a safe place for future reference.



This symbol on the product or its packaging indicates that the appliance cannot be treated as normal domestic trash, but must be handed in at a collection point for recycling electric and electronic appliances. Your contribution to the correct disposal of this product protects the environment. Further information about the recycling of this product can be obtained from your local municipal authority.

## SAFETY PRECAUTIONS

### WARNING

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK, OR INJURY WHEN USING YOUR AIR CONDITIONER, FOLLOW THESE BASIC PRECAUTIONS:

Before the appliance is used, it must be properly positioned and installed as detailed in this manual.

- Do not under any circumstances cut or remove the third (ground) prong from the power cord
- Make sure this unit is connected to a correctly grounded power supply outlet. Do not use an extension cord or power strip
- The power cord is UL listed. It has a built-in L.C.D.I. (leakage, current, detection, interruption) circuit breaker for added safety. If the power supply is interrupted, press the reset button to reconnect the unit to power source
- It is recommended to use a separate circuit that its size should be 15 Amps for the air conditioner
- Do not use an excessively wet cloth, industrial solvents, oil-based products to clean this portable air conditioner
- To avoid the risk of shock, the product should never be used in bathrooms, shower rooms, or in any other steamy or wet areas
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliances
- Do not repair, disassemble and/or modify the unit by yourself
- Always turn off the portable air conditioner when cleaning the air filter, and transporting
- Do not turn this unit on and off by plugging and unplugging. Always use the ON/OFF switch
- Transport the unit in an upright position only, or leave it in an upright position for at least 4 hours before first use
- Ensure curtains or other objects are not obstructing the air inlet filters
- Do not bend or crush the exhaust hose while in use
- Always allow at least 20" of clearance around the unit for ventilation. Do not use this unit inside closets, cabinets and/or cramped spaces between furniture
- This unit is optimized to operate in an ambient temperature of 64°F – 90°F
- This unit must be installed in an area protected from the element, such as wind, rain, water spray or drips
- The unit should not be located next to ovens, grills or other sources of high heat
- Always place the unit on even and hard and level surface
- Do not sit or place objects on the unit
- Do not allow children to climb, stand or hang on the appliance. The air conditioner could tip over and get damaged and/or seriously injure somebody
- Keep fingers out of the air intakes and air outlets
- The appliance is an electrical appliance. To avoid injury from electrical shock do not operate it with wet hands, while standing on a wet surface or while standing in water. Do not use it in outdoors or in wet conditions
- When positioning or moving the appliance, ensure it is not turned upside down or greater than 45° or more off level
- This appliance is designed for household, non-commercial use only. Any other use will void the warranty
- Do not plug into the power outlet before set up is completed
- Do not operate this unit without the air filter(s)
- Do not use harsh chemicals to clean the filter(s). Dry thoroughly before inserting the filter(s) into the unit
- Do not add extra length to the exhaust hose by more than a total length of 9'. This will reduce the cooling efficiency of the portable air conditioner
- At the end of each season, all water must be drained from the unit and filter(s) must be cleaned before storage

**THE MANUFACTURER DISCLAIMS ANY RESPONSIBILITY IF THE ABOVE INSTRUCTIONS ARE NOT FOLLOWED.**

## INTRODUCTION / TECHNICAL DATA

### HOW IT WORKS

The Whynter compact CFC-free, lead-free, and energy efficient 14,000 BTU portable air conditioner and heater, helps you stay cool while working with better environmental standards and stay warm during winter in any room while reducing energy consumption.

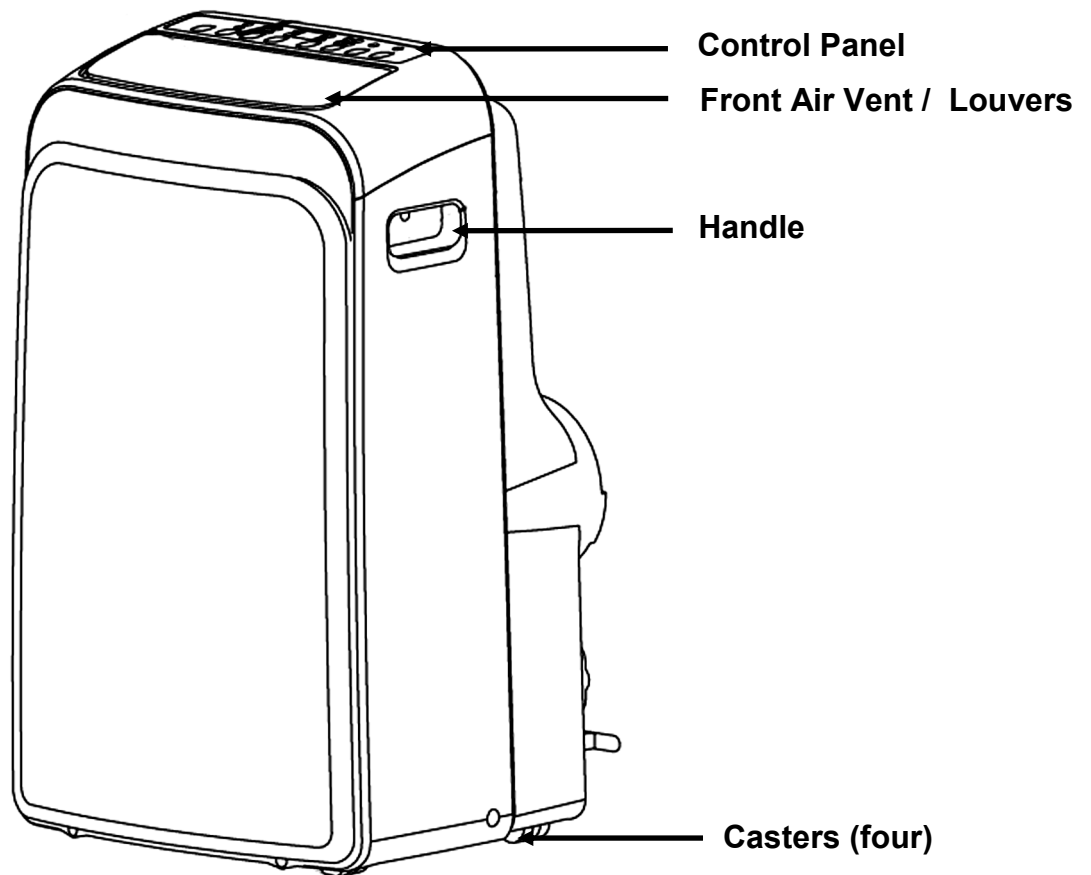
This high output portable air conditioner, specially designed to be mobile, can be easily setup in almost any indoor location and is most commonly used in data closets / server rooms, bedrooms, classrooms and garages / workshops.

This Whynter ARC-148MHP portable air conditioner features an ECO-FRIENDLY CFC-free GREEN R-410A refrigerant and lead-free RoHS compliant components.

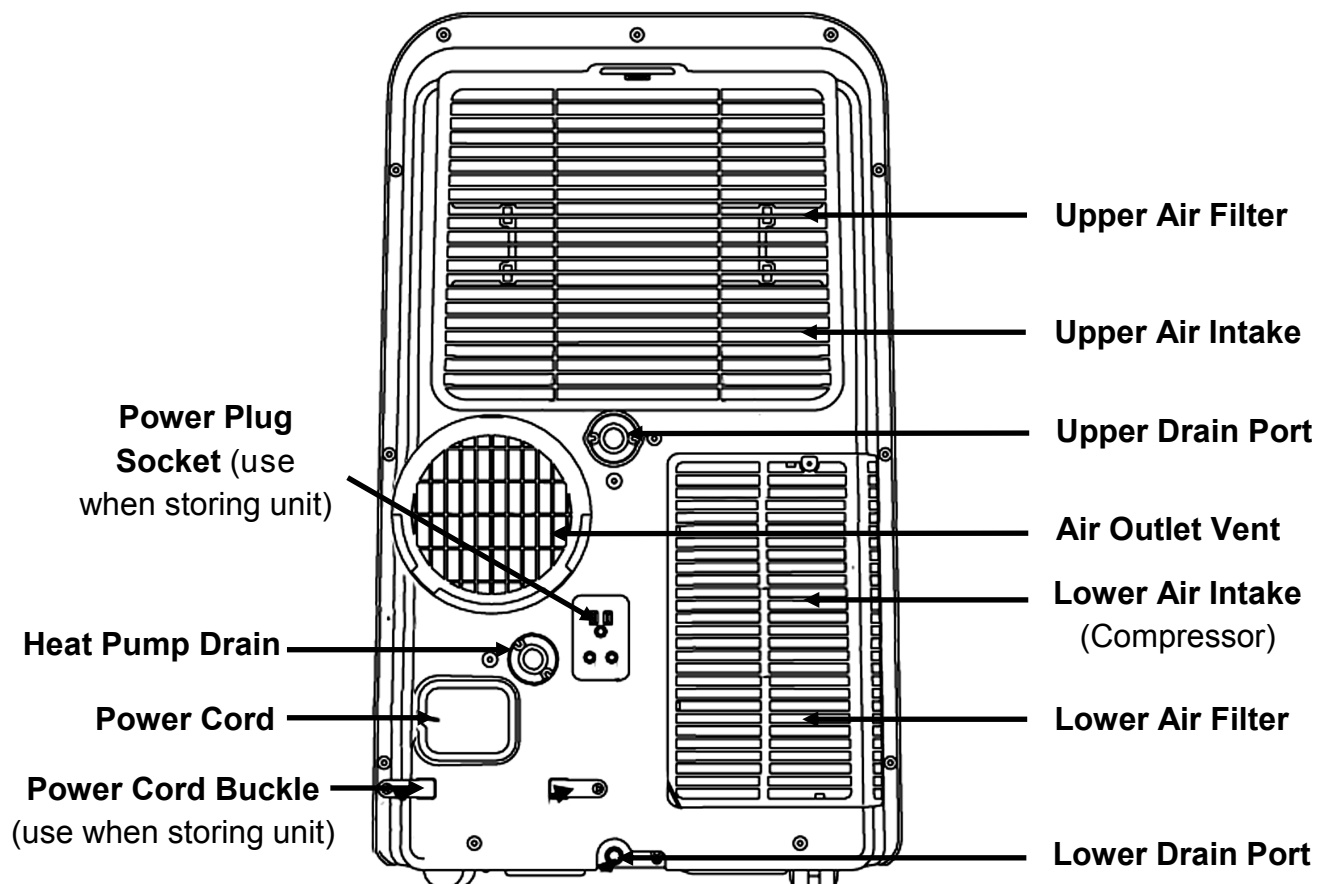
TECHNICAL DATA	
Model:	ARC-148MHP
Operational Modes:	Auto, Air conditioner, Fan, Heater or Dehumidifier
Cooling Capacity:	14000 BTU
Heating Capacity:	11000 BTU
Coverage Area:	500 sq. ft.
Dehumidifying Capacity:	71 Pts / day
Fan Speed:	3 Fan Speeds
Filters:	3M Filter and Silvershield washable pre-filter
Thermostat Control Range:	62° - 88°F
Timer:	24 hour programmable timer
Noise Level:	<55 dBA
Extendable Hose:	59"
Window Kit Length:	Minimum: 26.5" Maximum: 48"
Refrigerant:	R-410A
Air Flow (at high speed):	497 m <sup>3</sup> /h / 292 CFM
Maximum Power Consumption:	1580W / 11.9A
Power Supply:	115 V / 60Hz
EER:	8.9
Unit Dimensions:	18.5" W x 15.75" D x 30.25" H
Package Dimensions:	20.75" W x 17.75" D x 35" H
Net Weight:	72.75 lbs
Gross Weight:	81.5 lbs

## PARTS IDENTIFICATION






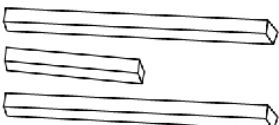
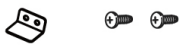

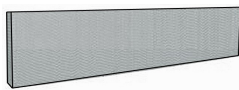
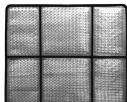

### FRONT VIEW



### BACK VIEW



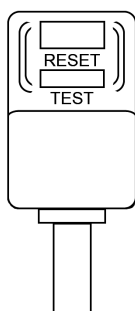
## PARTS IDENTIFICATION

ACCESSORY IMAGE	ACCESSORY DESCRIPTION	QUANTITY
	Exhaust hose adapter to the unit	1 set
	Exhaust hose	1 piece
	Exhaust hose adapter to the window	1 set
	Window slider kit	1 set
	Clear plastic plug (plug is in the upper corner of the plastic bag that holds the user manual)	1 piece
	Foam seal A (Adhesive) Foam seal B (Adhesive) Foam seal C (Non-adhesive)	2 pieces 2 pieces 1 piece
	Security bracket with 2 screws	1 set
	Drain hose	1 piece
	3M Filter (pre-installed on unit)	1 piece
	Silvershield pre-filter (pre-installed on unit)	1 piece
	Storage Cover (sold separately)	1 piece

## Operating Conditions

Mode	Room Temperature
Cool	Higher than 64°F
Dry	Higher than 60°F
Heat	Higher than 45°F

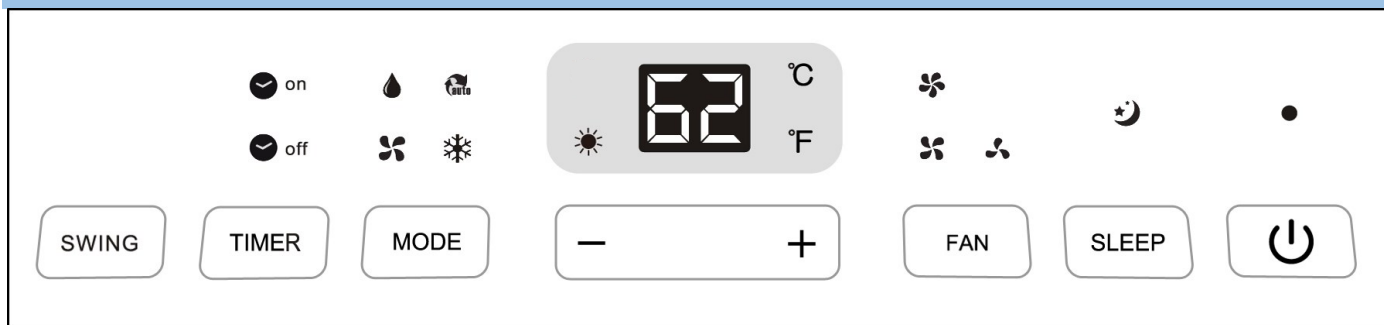
## Leakage-Current Detection and Interruption (LCDI)



Your portable air conditioner is supplied with a Leakage-Current Detection and Interruption (LCDI) plug. This plug reduces the risk of fire due to arcing faults in the power supply cord. Please follow the instructions below to ensure that LCDI plug works properly.

1. Plug the power cord to a grounded wall outlet. Do not plug to a power strip or extension cord.
2. Press the TEST button on the plug. This should trip the plug and cut the power to the air conditioner. If the plug does not trip and the unit comes on, please contact technical support.
3. Press the RESET button to start the air conditioner.
4. Do NOT use the TEST and RESET buttons to turn the air conditioner on and off.

## CONTROL PANEL



### Power Button

Press to turn the air conditioner on and off



### Economy Button

Press to activate Economy mode



### Fan Speed Button

Press to change fan speed

- Controls the 3 fan speeds: LOW, MED, HI and AUTO. The fan speed indicator lights illuminates to show the set fan speed. When the AUTO speed is selected, none of the fan speed indicator illuminates.



### Mode Button

Press to change mode

- Controls the 5 function modes: HEAT, COOL, AUTO, FAN and DRY.



### Timer Button

Press to program Timer Delayed  
Switch ON or OFF function



### Swing Button

To adjust the air flow direction



**Up ( + ) and Down ( - ) Buttons** Adjusts set temperature (1°C/ 2°F increments) or timer hours (0 – 24 hours).

- This unit is capable of displaying set temperature in Fahrenheit or in Celsius. To convert from one to the other, press and hold the Up and Down buttons for 3 seconds.



### LED Display

- In Cool mode: shows set temperature in °C or °F and AUTO timer setting.
- In DRY and FAN only modes: shows room temperature.



### Error Codes:

- E1 - Room temperature sensor error  
- Unplug unit and restart in 5 minutes
- E2 - Evaporator sensor error  
- Unplug unit and restart in 5 minutes
- E3 - Condenser sensor error  
- Unplug unit and restart in 5 minutes
- E4 - Display panel sensor error  
- Unplug unit and restart in 5 minutes
- P1 - Water reservoir full  
- Drain water from the unit



# INSTALLATION

**WARNING: NEVER OPERATE THE AIR CONDITIONER WITHOUT THE AIR FILTER**

## AIR FILTERS

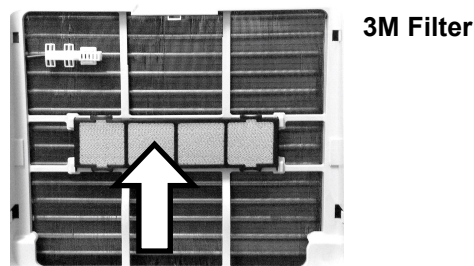
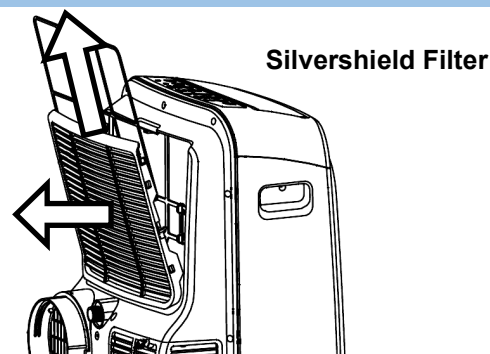
### • Silvershield Pre-filter

This portable air conditioner is equipped with a Silvershield pre-filter, which removes large particles such as dust, pet hair and dander. This pre-filter can be removed for cleaning by pulling the filter frame back and out. This pre-filter washable and does not need to be replaced.

### • 3M™ Antimicrobial High Air Flow Filter

This portable air conditioner comes with the 3M™ Antimicrobial High Air Flow Filter which is designed to remove particles such as dust, pet hair and dander, antimicrobial agent helps inhibit the growth of mold and mildew, and the micro-structured electrostatically charged filtration media traps and retains particles. The 3M Filter is pre-installed.

*Note: The 3M Filter should be replaced every 2-3 months depending on usage. Please contact [support@whynter.com](mailto:support@whynter.com) for retail sales information.*



## WATER DRAINAGE

The dehumidifying capacity of this unit is 71 pints per day. The patented self-evaporating function of the ARC-148MHP unit fully exhausts all condensation automatically in most environments when humidity is less than 70%. Areas with more than 70% humidity, the self-evaporating function can still exhaust about 98% of the moisture and the remaining 2% of moisture will be collected in the water tank of the air conditioner. When the water reservoir reaches its maximum level, the unit will beep 8 times and the digital display will show P1. When the unit displays P1, all operation modes will be disabled temporarily, while the fan continuously running. The P1 code will disappear when the water is completely drained.

### • Manual drainage (Fig. 1a)

In AUTO, COOL, DRY, or HEAT mode, carefully move the unit to a drain location or position a flat container, dish or optional drain bucket accessory (sold separately) under the drain area of the lower drain port. Remove the bottom drain plug and let the water drain. Replace the drain plug and plug in to resume operation.

### • Continuous drainage (Fig. 1b)

In AUTO, COOL or DRY mode, remove the upper drain plug from the back of the unit and install the drain hose. Place the open end of the hose to a drain area. This method is recommended if uninterrupted operation is desired.

### • Heat pump drainage (Fig. 1c)

This unit has a condensate pump feature that can pump out (and up) water through the included drain hose for continuous water removal during HEAT Mode. Remove the heat pump drain plug from the back of the unit and install the drain hose. Place the open end of the hose to a drain area.

*NOTE: The condensate pump will only engage during Heat mode and will not work in any other modes.*

Fig. 1a

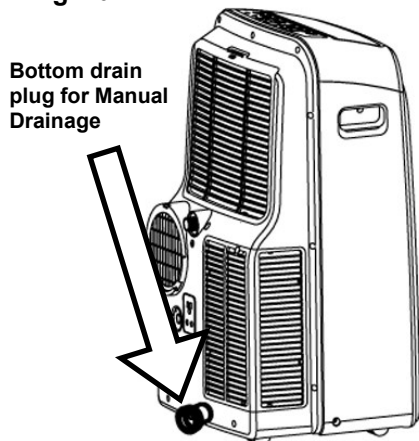


Fig. 1b

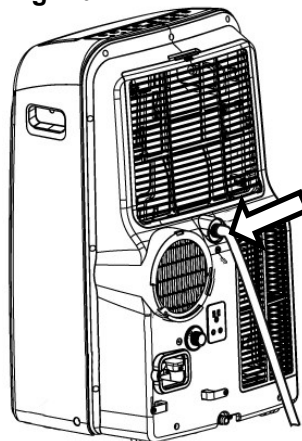
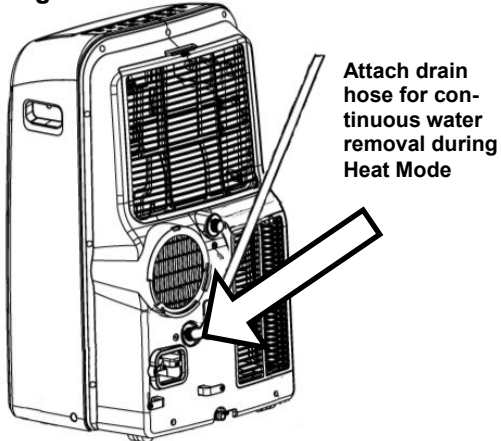


Fig. 1c



# INSTALLATION

## LOCATION

The air conditioner should be placed on a hard and level surface strong enough to support the unit. The unit has casters and it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpet surfaces. Do not attempt to roll the unit over objects. Never place any obstacles around the air inlet or outlet and allow at least 20" of clearance for efficient air-conditioning.

## EXHAUST HOSE INSTALLATION

When using the air conditioner in COOL or HEAT mode, hot air must be exhausted out of the room to complete the air exchange of the condenser. When the unit is operating in DRY or FAN only mode, installation of the exhaust hose is optional.

1. Snap the hose connector to the unit onto one end of the exhaust hose and then snap the hose connector to the window onto the other end. Fig. 1
2. Line-up the hose connector hook onto the back of the unit and slide into the hole seat. See Fig. 2
3. Only extend the exhaust hose to the necessary length keeping it as short and straight as possible.

Fig. 1

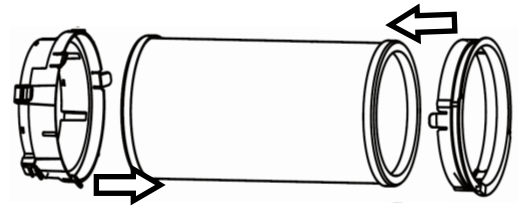
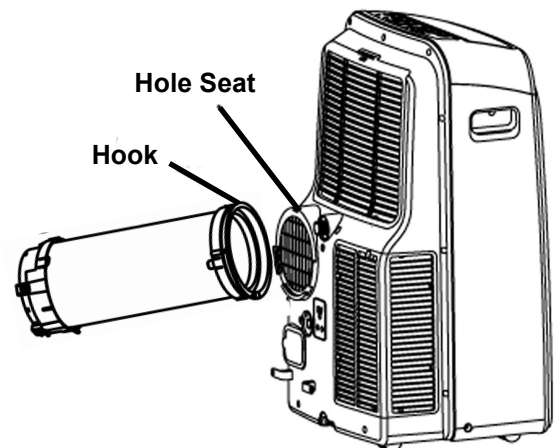


Fig. 2



## WINDOW KIT INSTALLATION

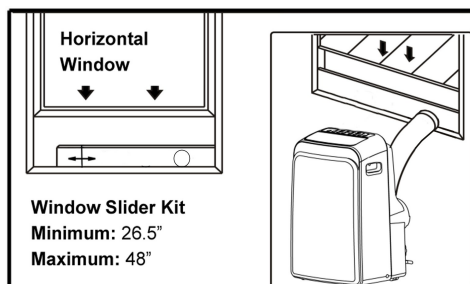
The window kit has been designed to fit most standard vertical and horizontal windows. However, it may be necessary to modify the installation procedures to accommodate your window. Please refer to Fig. 3a and Fig. 3b for minimum and maximum window openings. If your window opening is less than the mentioned minimum length of the window slider kit, the window slider kit can be cut to fit the window opening. Never cut into the exhaust hose cut-out on the window slider kit.

If your window opening is larger than the maximum length of the window slider kit, additional material will be needed to cover the open space such as, Plexiglas, PVC plastic, ply wood, etc. Alternately, an additional window slider kit can be purchased to be used in combination with the included kit.

NOTE: When using the window slider kit on a window or sliding door, additional security measures may be needed.

The window slide bars can be fixed with the clear plastic bolt. Fig. 4.

Fig. 3a



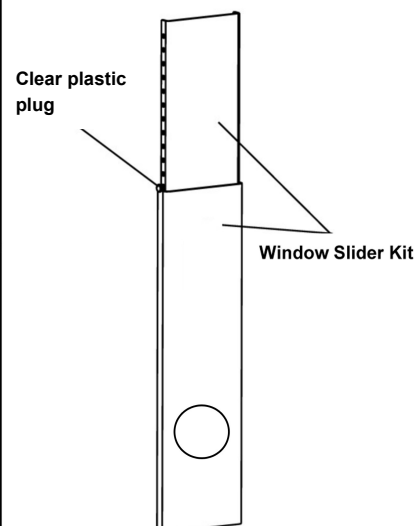
Window Slider Kit  
Minimum: 26.5"  
Maximum: 48"

Fig. 3b



Window Slider Kit  
Minimum: 26.5"  
Maximum: 48"

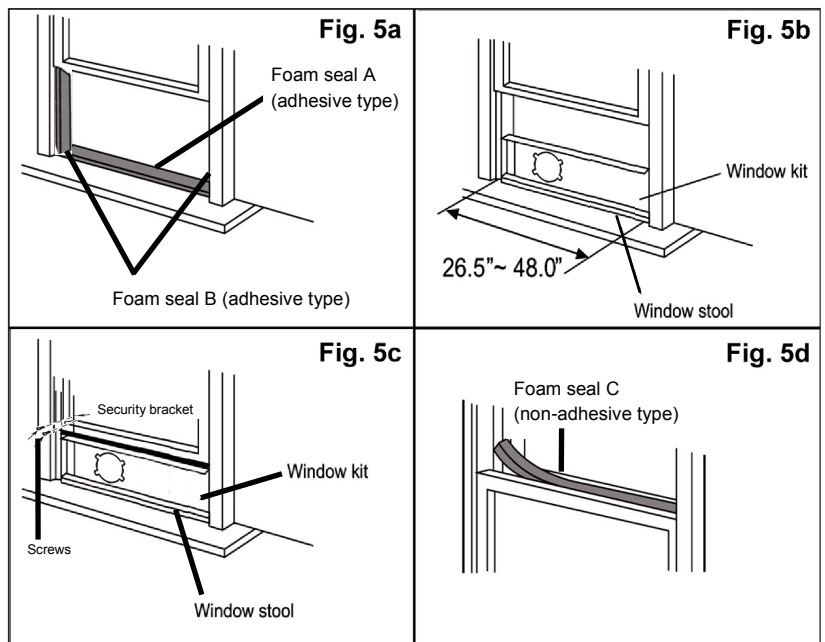
Fig. 4



# INSTALLATION

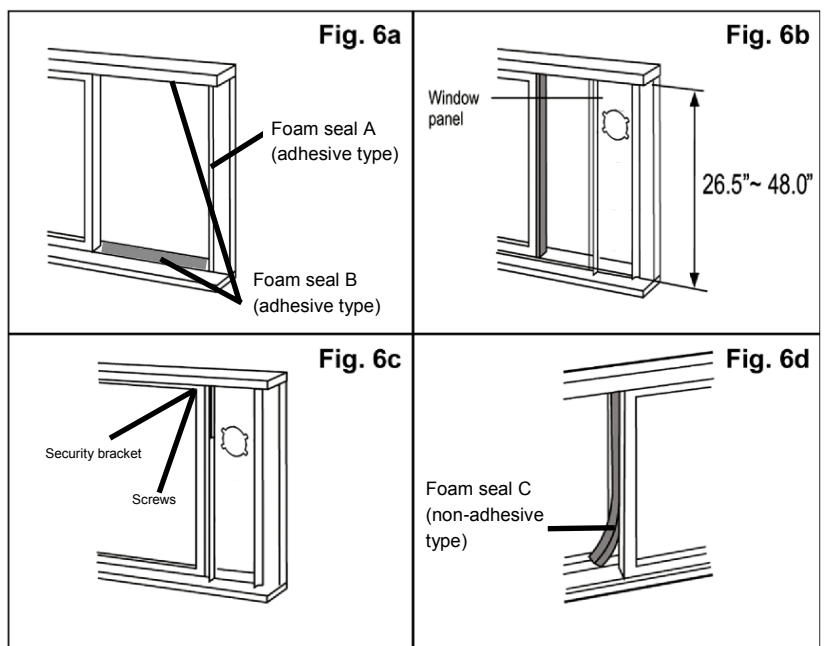
## WINDOW KIT INSTALLATION IN A DOUBLE-HUNG WINDOW

1. Open window or sliding door for approximately 5"
2. Cut the foam seal A and B (adhesive type) to the proper length and attach it to the bottom of the window. Fig. 5a.
3. Adjust the length of the window slide bars to the same length and width of the opening of the window. Cut the window piece if necessary to fit the length of your window. Never cut into the exhaust hose cut-out on the window slider kit. Fig. 5b.
4. Close the window on the window slide bars. For long term installation, you may screw the window kit into your window frame using the security bracket. Fig. 5c.
5. Cut the foam seal C (non-adhesive) to the length and seal the open gap between the top window sash and outer window sash. Fig. 5d.



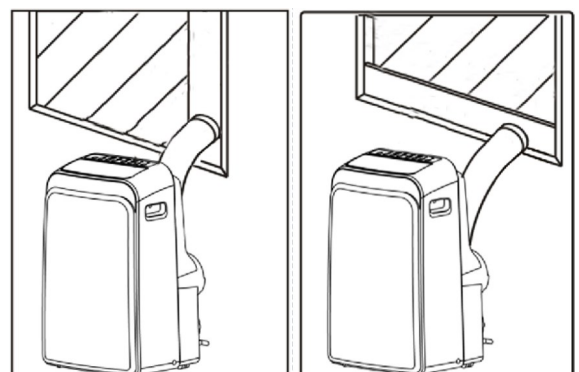
## WINDOW KIT INSTALLATION IN A SLIDING WINDOW/DOOR

1. Open window or sliding door for approximately 5"
2. Cut the foam seal (adhesive type) to the proper length and attach it to the bottom of the door / window. Fig. 6a.
3. Adjust the length of the window bars to the same length and width of the opening of the window. Cut the window piece if necessary to fit the length of your window. Never cut into the exhaust hose cut-out on the window slider kit. Fig. 6b.
4. Close the door/ window on the window slide bars. For long term installation, you may screw the window kit into your window frame using the security bracket. Fig. 6c.
5. Cut the foam seal C (non-adhesive) to the length and seal the open gap between the top window sash and outer window sash. Fig. 6d.



## EXHAUST AND INTAKE HOSE INSTALLATION TO THE WINDOW KIT

1. Make sure that window slider kit is securely installed.
2. Move the unit to the window, extend the exhaust hose, align the hose connector and snap it into the window kit.



# OPERATION INSTRUCTIONS


## **BEFORE USING YOUR APPLIANCE**

- Remove the exterior and interior packing
  - Before connecting the appliance to the power source, let it stand upright for approximately 4 hours. This will reduce the possibility of a malfunction in the cooling system from handling during transportation
- 

## **SWITCHING ON/OFF THE AIR CONDITIONER**

The appliance can be switched ON or OFF by pressing the POWER button on the control panel or the ON/OFF button on the remote control


## **COOLING MODE**

In this mode, the air conditioner cools and dehumidifies the room. To activate this function mode, press the MODE button until the COOL  indicator light is displayed. When the cooling mode is set, the compressor will start in approximately 3 minutes. In cooling mode, hot air is exhausted from the outdoor exhaust port and the exhaust hose must be connected to exhaust out the hot air.

The temperature setting range of this air conditioner is from 62°F / 17°C to 88°F / 30°C. To set the temperature, press the + or - buttons. This air conditioner has a 5°F temperature cushion which if the set temperature is within 5°F of the ambient temperature, the unit runs in fan only mode. This saves energy and prolongs the life of the compressor of the air conditioner.


To set the fan speed, press the FAN button. In cooling mode, the difference in noise level between the 3 fan speeds is not very noticeable when the compressor is on. Try setting the unit to Fan only mode, you should be able to hear the difference between high and low fan speed settings.

## **DRY (DEHUMIDIFYING) ONLY MODE**


In this mode, the air conditioner only dehumidifies the room, the compressor will activate intermittently depending on the ambient temperature and the fan speed is set to LOW. To activate this function mode, press the MODE button until the DRY  indicator light is displayed. Please note that when switching function mode, there will be an approximately 3 minute transition time. In dehumidifying mode, the exhaust hose does not need to be vented. If the exhaust hose is vented, the room will be cooled as it dehumidifies. To prevent cooling, remove the exhaust hose from the window kit and allow the warm air from the rear to be re-circulated into the room. If room temperature is higher than 77°F, the fan speed can be adjusted. If room temperature is lower than 77°F, the fan speed is set at Low.

**NOTE:** When using dehumidifying mode, venting the exhaust hose to the outside is not required. If vented, the warm air is exhausted to the outside and cooling within the room may occur. Additionally, if the exhaust hose is not vented, the unit may require more frequent draining. Also, the air conditioner does not have a humidistat in which a specific humidity level can be set.

## **AUTOMATIC MODE**

When you set the air conditioner in AUTO mode, it will automatically select cooling or fan only operation depending on the temperature of the room. The fan speed is automatically selected and cannot be changed. To operate the unit in Auto mode when the unit is on, press the MODE button until the AUTO  indicator light comes on.

## **HEAT MODE**


In this mode, the air conditioner heats the room. To activate this function mode, press the Mode Control button until the HEAT  indicator comes on. When the heating mode is set, the compressor will start in approximately 3-5 minutes; the rear fan will start first, followed by the compressor then the air output fan into the room. It may take several minutes heat to blow from the front air output vent.

## OPERATION INSTRUCTIONS

- In heating mode, cold air is exhausted from the outdoor exhaust port and the exhaust hose must be connected to exhaust out the cold air.
- The temperature setting range is from 61F to 77F. To set the temperature, press the + or – buttons. Once the set temperature is achieved, the compressor and the fan will stop.
- To set the fan speed, press the Fan Speed button. In heating mode, the difference in noise level between the 3 fan speeds is not very noticeable when the compressor is on. Try setting the unit to Fan only mode, you should be able to hear the difference between high and low fan speed settings.

NOTE: This unit uses heat pump from heating and the heating mode does not work when temperature is below 45F.

### FAN ONLY MODE

In this mode, only the fan of the air conditioner runs and circulates the air in the room. To activate this function mode, press the MODE button until the  FAN indicator light comes on. In this function mode, the temperature cannot be set. Subsequently, set the desired fan speed by pressing the FAN button. When using FAN only mode, venting the exhaust hose to the outside is optional.

### TIMER (DELAYED SWITCH ON / OFF) FUNCTION

This function mode enables a delayed switch ON or delayed switch OFF of the air conditioner. The time (hours) delay can be set, enabled and disabled.

#### SETTING SWITCH OFF TIMER

With the air conditioner operating in any function mode, press the TIMER button. The TIMER OFF light will come on. Then set the desired time delay OFF hours by pressing the UP and DOWN buttons. The time increments are at 0.5 hour to up to 10 hours, followed by 1 hour increment up to 24 hours. When the delay time set has elapsed, the air conditioner switches off. To cancel the delayed switch off function, turn off the air conditioner or adjust the time setting to 0.0.

#### SETTING DELAYED SWITCH ON TIMER

With the air conditioner is off, press the TIMER button. The TIMER ON light will come on. Then set the desired time delay ON hours by pressing the UP and DOWN buttons. The time increments are at 0.5 hour to up to 10 hours, followed by 1 hour increment up to 24 hours. When the delay time set has elapsed, the air conditioner switches on. To cancel the delayed switch on function, turn on the air conditioner or adjust the time setting to 0.0.

### SLEEP MODE

In this mode, the air conditioner gradually increases the set temperature in cooling mode, decreases the noise level and conserves energy. In Economy and cooling mode, the set temperature is increased by 1°C/ 2°F in the first 30 minutes. The temperature will then increase by another 1°C/ 2°F after an additional 30 minutes. This new temperature will remain the same for 7 hours. To activate this function mode, press the SLEEP button until the SLEEP indicator light comes on.

### AUTO RESTART

In the event of a power outage, the air conditioner restarts at the previously set function mode and settings when power is restored.

### CONTROLLING THE AIR FLOW DIRECTION

The louvers can be controlled to Auto-Swing or in a fixed direction. To control the air flow direction by Auto-Swing, press the SWING button. To set the louvers in a fixed angle or direction, press SWING button while on Auto-Swing mode when desired angle is chosen.



## OPERATION INSTRUCTIONS

### NOISE LEVEL

Portable air conditioners may make sounds that are not familiar to you. The sounds listed below are normal. Noise reflecting off hard surfaces such as a floor or wall can make the sounds seem louder than they actually are.

- The compressor may make a pulsating or high-pitched sound
- Water running from the evaporator to the water tank may make a splashing sound
- Refrigerant flowing may make a gurgling sound
- Fan sound may come from front and back air vents

### COMPRESSOR LOCK OUT

This portable air conditioner is optimized to operate in an ambient temperature of 64°F – 90°F. The compressor circuit has an automatic 3 minute time delayed start if the unit is turned off and on quickly. This prevents over-heating of the compressor and possible circuit breaker tripping.

### SHORTCUT FUNCTION

Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated). If shortcut button is pushed for more than 2 seconds, the system will automatically store the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

## REMOTE CONTROL

The portable air conditioner can be switched on by the remote control. To transmit signals from the remote control to the air conditioner, point the front part of the remote handset towards the control panel on the air conditioner. Reception of the signal is confirmed by a beep. The maximum signal transmission distance is approximately 8 meters / 26 feet.

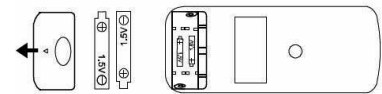
### NOTE:

- Other appliances in the same room controlled by a remote control (TV, radio, stereo, etc.), may cause interferences
- Electronic and fluorescent lamps may interfere with the signal transmissions between the remote control and the air conditioner
- Remove the batteries if the remote control is not used for long periods

### INSTALLING BATTERIES

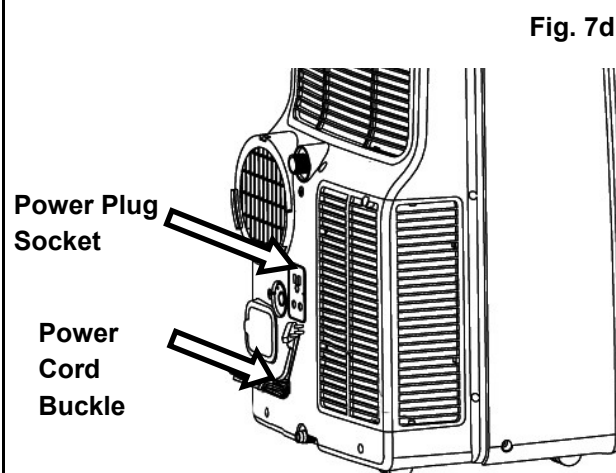
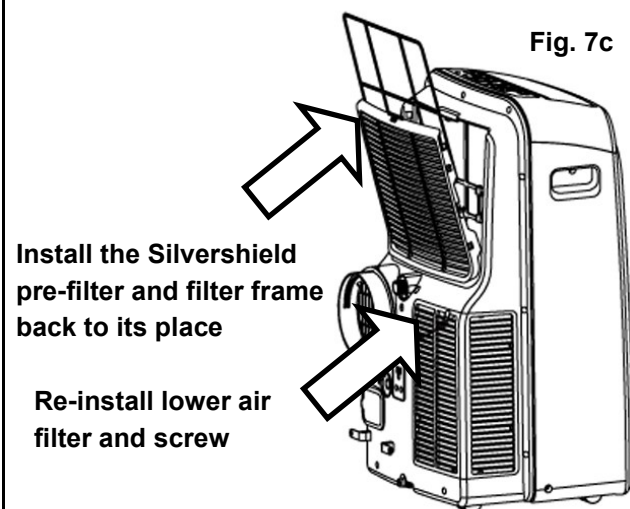
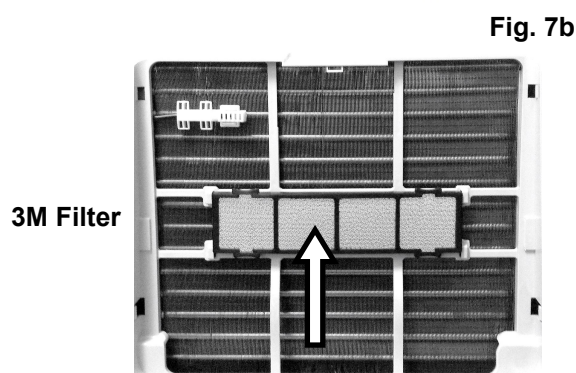
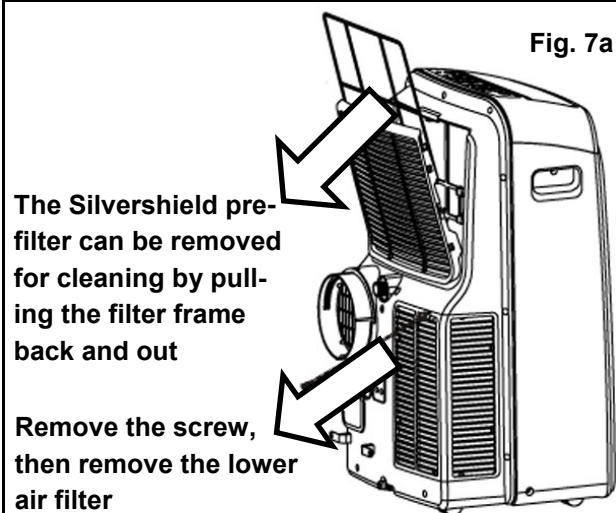
To insert the batteries, open the flap on the back of the remote control by sliding it off. Strictly adhere to the polarity signs on the bottom of the battery housing, close the flap once the batteries have been inserted.

- Only use two dry LR03 AAA 1.5V Batteries (included) in the remote control
- Always change both batteries at the same time



		INDICATOR	FUNCTION
		1 – Mode Indicator	Displays the current selected mode (Auto, Cool, Dry, Heat, or Fan)
		2 – Transmission Indicator	Displays when remote sends signal to unit
		3 – ON/OFF Display	Displays when the unit is turned on, and disappears when it is turned off
		4 – Timer On Indicator	Displays when TIMER ON is set
		5 – Timer Off Indicator	Displays when TIMER OFF is set
		6 – Battery Indicator	Displays battery life status
		7 – Temperature/Timer display	Displays the set temperature by default, or timer setting when using TIMER ON/OFF functions
		8 – Sleep Display	Displays when SLEEP function is activated
		9 – Fan Speed Display	Displays selected Fan speed. This display is blank when set to AUTO speed.
		BUTTONS	FUNCTION
		10 – On/Off Button	Turns the unit On and Off
		11 – Mode Button	Controls the 4 function modes: Auto, Cool, Dry, Heat, & Fan
		12 – Fan Speed Button	Controls the fan speeds: High, Medium, Low or Auto
		13 – Sleep Button	Enables Sleep mode
		14 – Swing Button	Starts or stops louver movement and set louver angle.
		15 – LED Display Button	Turns on and off the display light
		16 – Up Button	Increases set temperature/time
		17 – Down Button	Decreases set temperature/time
		18 – Shortcut Button	Restore the current settings or resume previous settings
		19 – Timer On Button	Enables the Timer On
		20 – Timer Off Button	Enables the Timer Off

## CARE AND MAINTENANCE



### IMPORTANT:

- Switch off the air conditioner and disconnect the plug from the power outlet
- Drain water by removing the drain plug and always transport the air conditioner in an upright position only

### CLEANING THE AIR FILTERS

- To ensure the air intake is filtered properly and to assure that your air conditioner runs efficiently, it is recommended to clean the air filters at least once every two weeks
- This unit has three air filters; the Silvershield pre-filter, 3M filter and the lower air filter
- Switch off the air conditioner and remove the Silvershield pre-filter and 3M filter from the unit (Fig. 7a and Fig. 7b)
- Remove the lower filter by loosening the screw and taking down the air inlet grille. (Fig. 7a)
- Use a vacuum cleaner or tap lightly to remove loose dust and dirt from the filters. Then rinse them thoroughly under warm or cold running water (no hotter than 100F.)
- Dry thoroughly before re-inserting the filters. (Fig. 7c)

*NOTE: Silvershield pre-filter is washable and does not need to be replaced. The 3M should be replaced every 2-3 months depending on usage. Please contact [support@whynter.com](mailto:support@whynter.com) for retail sales information*

**WARNING!** Never operate the air conditioner without the filter in place

### CLEANING THE AIR CONDITIONER

- Always switch off the air conditioner and disconnect the plug from the power supply outlet before cleaning the air conditioner
- Use a soft damp cloth to wipe the body of the unit.
- Never use harsh chemicals, oil-based products, detergents, chemically treated cloths or other cleaning solutions. These could possibly damage the body of the air conditioner

### END OF SEASON STORAGE

- Switch off the air conditioner and disconnect the power plug from the power supply outlet before cleaning the air conditioner
- To remove the hose from the unit, the easiest way is to remove take out the hose and leave the connector in place.
- Clean the air filters
- Drain the condensed water completely
- On a warm day, turn on the Fan only mode for half a day so that the inside can dry out completely
- Remove the batteries from the remote controller
- Wrap the cord using the Power Cord Buckle and insert the plug into the Power Plug Socket. (Fig. 7d)



## TROUBLESHOOTING

Many common portable air conditioner problems are easily resolved. Try the troubleshooting suggestions below to see if the problems can be resolved before having to contact the service department.

Problem	Possible Causes	Solutions
The portable air conditioner does not turn on	<ul style="list-style-type: none"> <li>Power failure / outage</li> <li>The automatic switch, line fuse, or breaker has been tripped</li> <li>The power supply voltage is too low</li> <li>The power cord is damaged</li> <li>The L.C.D.I. power plug for the unit is tripped</li> <li>The internal water reservoir is full and 'P1' appears on display</li> </ul>	<ul style="list-style-type: none"> <li>Restore the power supply</li> <li>Flip the switch / change the fuse / turn the breaker back on. Also note that you may have too many appliances drawing power on one circuit, you may need to move the other appliances to another circuit</li> <li>Move the unit onto another circuit with the correct voltage</li> <li>Call for service. Only authorized personnel should replace damaged power cord or power plug</li> <li>Press the Reset button on the L.C.D.I. power plug</li> <li>Drain water from the air conditioner</li> <li>Possible loose internal connection. Please contact Whynter for service</li> </ul>
The unit turns on but the compressor does not turn on (the fan runs but the unit is not cooling)	<ul style="list-style-type: none"> <li>The room temperature is outside of the operational tolerances of the unit</li> <li>The Cooling mode is not on</li> <li>The compressor has not turned on yet because of its time delay</li> <li>The set temperature is too high</li> <li>The internal water reservoir is full and 'P1' appears on display</li> </ul>	<ul style="list-style-type: none"> <li>This unit is designed to work in ambient temperatures of 63°F to 90°F</li> <li>Press the MODE button until the COOL light is shown on the display</li> <li>Give the compressor 3 minutes to turn on after the Cooling mode has been selected</li> <li>Set the air conditioner to a lower temperature. It is recommended to set the temperature to at least 5°F of the ambient temperature</li> <li>Either manually drain the water by removing the drain plug or allow the unit to exhaust the water itself by running the fan only mode. Then cooling will resume</li> <li>Possible loose internal connection. Please contact Whynter for service</li> </ul>
The air coming out of the unit is not very cold, or the airflow volume is weak	<ul style="list-style-type: none"> <li>The filters are dirty or obstructed</li> <li>The air intake or exhaust is obstructed</li> <li>The unit is set in DRY or FAN mode</li> <li>The unit is set to low fan speed</li> </ul>	<ul style="list-style-type: none"> <li>Clean the air filters</li> <li>Make sure there is at least 20" of clearance from the air intake. Make the length of the exhaust hose is as short as possible</li> <li>Set the unit to the cooling mode</li> <li>Set the unit to a higher fan speed</li> </ul>

## TROUBLESHOOTING

Problem	Possible Causes	Solutions
The unit has worked for a long time, but the room is not cold enough	<ul style="list-style-type: none"> <li>• Windows or doors are open</li> <li>• There are too many people in the room</li> <li>• There is direct sunshine into the room</li> <li>• The room is a kitchen or with many heat-producing appliances</li> <li>• There is a server in the room</li> <li>• The room is too large</li> </ul>	<ul style="list-style-type: none"> <li>• Close all windows and doors</li> <li>• You may need additional cooling or another air conditioner</li> <li>• Close curtains or blinds and try to minimize the amount of direct sunlight into the room</li> <li>• Turn the unit on early instead of waiting until the hottest point of the day</li> <li>• You may need additional cooling or another air conditioner</li> </ul>
The unit is very noisy	<ul style="list-style-type: none"> <li>• The unit is not level</li> <li>• The surface underneath the unit is uneven</li> <li>• Low power voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Make sure the unit is on hard, level and stable surface</li> <li>• Move the unit to a location with a level and hard floor</li> <li>• Make sure the wall outlet and support the required power consumption of the air conditioner and do not use an extension cord</li> </ul>
The unit leaks water	<ul style="list-style-type: none"> <li>• The unit is tilted or not leveled</li> <li>• The water tank is full</li> </ul>	<ul style="list-style-type: none"> <li>• Make use the unit is leveled</li> <li>• Drain water from the drain plug at the back of the air conditioner</li> </ul>
Fan speed cannot be changed	<ul style="list-style-type: none"> <li>• Fan speed differences are not very noticeable</li> </ul>	<ul style="list-style-type: none"> <li>• The fan speed difference is not very noticeable when the compressor is on. Try setting the unit to Fan only mode, you should be able to hear the difference between high and low fan speed settings.</li> </ul>

## **ONE YEAR LIMITED WARRANTY & THREE YEAR WARRANTY ON COMPRESSOR**

This WHYNTER product is warranted to the original owner, purchased from an authorized Whynter dealer within the 48 U.S. continental states, for one year from the original purchase date against defects in material and workmanship under normal residential usage. Should your WHYNTER product prove defective within one year from the date of purchase, contact Whynter's Customer Support team with the serial number and proof of purchase to make a warranty claim. A Return Authorization number must be issued before returning any parts or products. Parts or products received without a Whynter issued Return Authorization number will be refused. Under this warranty, Whynter will repair or replace any parts found defective with new or re-manufactured parts or exchange the defective product with a new, refurbished, or re-manufactured product at our discretion. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to Whynter's Service Center. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the re-sponsibility of the original owner.

The compressor of portable air conditioners is warranted for an additional two years after the one year limited warranty expires from the date of purchase.

Return freight is prepaid by Whynter within two months of purchase. After two months to one year, the customer will be responsible for the return freight cost to Whynter's Service Center. Please package the product carefully in its original packaging to avoid damage in transit. Whynter is not responsible for damage resulting from shipper mishandling or improper packaging. Please retain the original box and packaging materials.

### **THIS WARRANTY DOES NOT COVER:**

- Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- Improper power supply such as power surge, low voltage, defective household wiring or inadequate fuses.
- Use in commercial or industrial applications.
- Damage, accidental or otherwise, to the product while in the possession of a consumer not caused by a defect in material or workmanship.
- Damage caused by consumer misuse, tampering, lack of maintenance or failure to follow the care and special handling provisions in the instructions.
- Damage to the finish of the case, or other appearance parts caused by wear.
- Damage caused by repairs or alterations to the product by anyone other than authorized by the manufacturer.
- Removal, Replacement Packaging, Freight and Insurance cost for the warranty service.
- Products sold AS IS or from an unauthorized reseller.
- Products that have had their serial numbers removed or defaced.

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**The warranty, product contents and specifications are subject to change at any time without notice; please refer to [www.whynter.com](http://www.whynter.com) for the most current information.**

To register your warranty, please visit [www.whynter.com](http://www.whynter.com) and fill out the online Warranty Registration form. Please be sure to include a copy of your purchase invoice.

To obtain service or information, contact Whynter LLC via email at [support@whynter.com](mailto:support@whynter.com) or call 866-WHYNTER (866-949-6837).

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