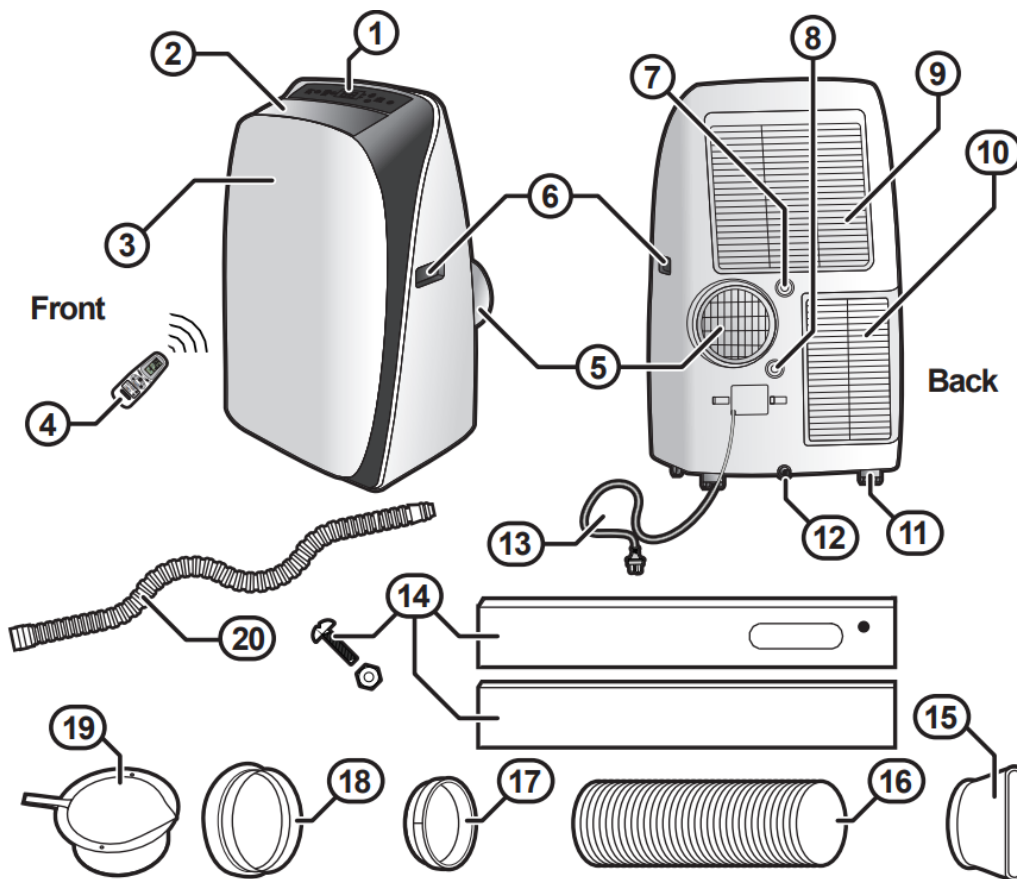


SPECIFICATIONS

MODEL		RPC35WA	RPC41WA
Rated Power		1600W	2000W
Rated Voltage		220-240V 50Hz	
Dimensions	Height	795mm	
	Width	480mm	
	Depth	400mm	
Weight		33kg	
Rated Cooling		3.55kW	4.10kW
Rated Cooling Current		5.95A	7.89A
Rated Cooling Input		1.34kW	1.78kW
Refrigerant / Quantity		R410A / 520g	

AIR CONDITIONER BASICS

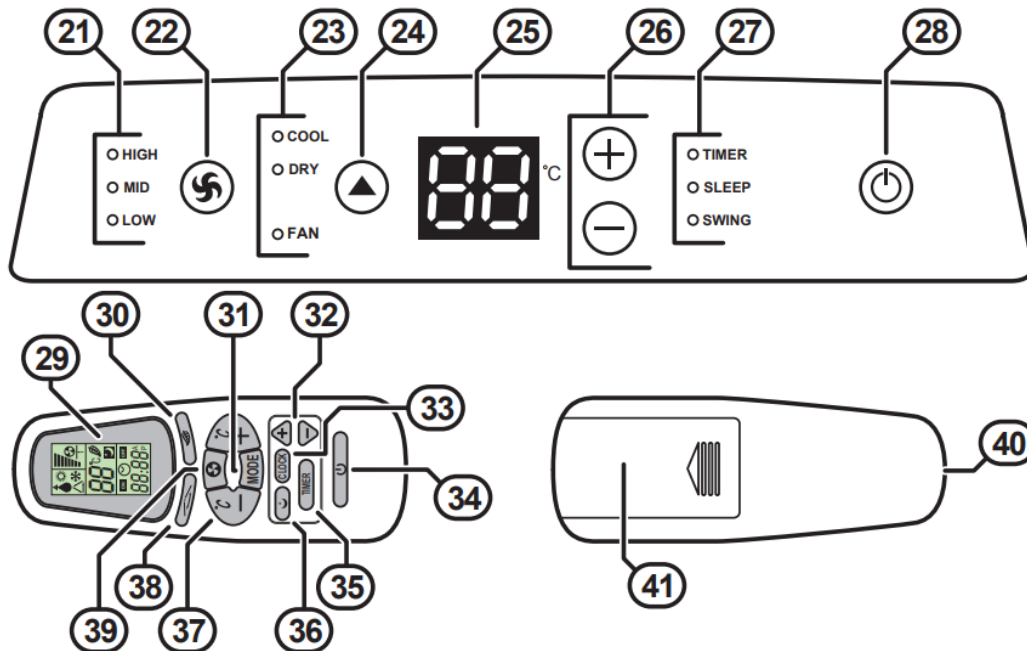
APPLIANCE COMPONENTS



1. Control panel
2. Cool air outlet
3. Receiver window

4. Remote control and cradle
5. Exhaust outlet
6. Carry handles
7. Drain outlet 1
8. Drain outlet 2 (not used on this model)
9. Room air intake (filter located behind grill)
10. Lower air intake (filter located behind grill)
11. Swivel casters (x4)
12. Drain tray outlet
13. 1.2m flexible 2 pin cord 220-240V 50Hz 10A
14. Adjustable window slide kit
15. Window exhaust duct window adapter
16. Exhaust duct (extends to 1.8M)
17. Duct to appliance adaptor
18. Wall exhaust adaptor
19. Wall exhaust terminal
20. Condensate drain hose

CONTROL PANEL AND REMOTE CONTROL LAYOUT



21. Fan Speed Indicators
22. Fan speed button
23. Mode indicators

24. Mode selection button
25. Temperature Display
26. Temperature buttons
27. Function indicators
28. On / Off button
29. LCD display
30. Button not in use for this appliance?
31. Mode selection button
32. Timer / clock adjustment buttons
33. Clock set button
34. On / Off button
35. Timer function button
36. Sleep function button
37. Temperature buttons
38. Swing function button
39. Fan speed button
40. IR transmitter
41. Battery compartment

REMOTE CONTROL BATTERIES

Insert batteries before using the remote control. The battery type used are 2x AAA (1.5 V).

NOTE! If the LCD screen of the remote control starts to fade or fails to transmit, replace the batteries. When changing batteries ensure that the + and - terminals of the batteries are installed correctly.

REMOTE CONTROL CRADLE

For convenience a slide-in cradle is provided for fixing the remote control to a wall.

IMPORTANT! To Install: Choose a safe and easily-accessible place. DO NOT mount the cradle in direct sunlight as this may damage the controller. Fix the cradle to the wall using the holes provided using 2 screws.

OPERATION

IMPORTANT! Before operating this appliance ensure that the location, installation and condensation requirements have been met, refer to installation instructions starting on page 13 for details. For the best cooling results ensure that the filters are clean, refer page 11 for details. When the appliance is plugged and the power point is turned on a single beep will be heard and the cool air outlet louvre will cycle open and closed once, this is normal.

BASIC OPERATION

There are three basic operational modes available, these are COOL (chilled air operation), DRY (chilled and dehumidified operation) and FAN (fan only operation).

BASIC OPERATION CONTROL PANEL

COOL

1. Press the On / Off button (28).
2. Press the mode button (24) until the COOL mode indicator is illuminated.
3. Use temperature buttons (26) to select the desired temperature (16°C to 32°C)
4. Use fan speed button (22) to select the desired fan speed (LOW, MED or HIGH).
5. Press the On / Off button (28) to stop operation.

DRY (DEHUMIDIFYING)

1. Press the On / Off button (28).
2. Press the mode button (24) until the DRY mode indicator is illuminated.
3. Use temperature buttons (26) to select the desired temperature (16°C to 32°C)
4. Press the On / Off button (28)

FAN

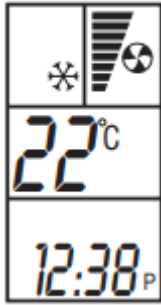
1. Press the On / Off button (28).
2. Press the mode button (24) until the FAN mode indicator is illuminated.
3. Use fan speed buttons (22) to select the desired fan speed (LOW, MED or HIGH).
4. Press the On / Off button (28)

NOTE! The most recent basic operational settings are stored in the appliances memory. If the appliance is not disconnected from the mains power supply then these setting will be available the next time the appliance is turned on via the On / Off button (28).

ASIC OPERATION REMOTE CONTROL

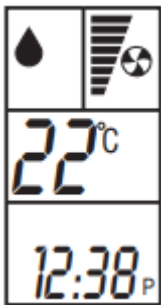
The remote controls allows for convenient operation of the appliance within a 15 metre range. Note that a confirmation beep sounds to confirm that a successful controller input has been received by the appliance

COOL



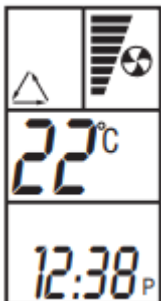
1. Press the On / Off button (34).
2. Press the mode button (31) until the COOL mode indicator is illuminated.
3. Use temperature buttons (37) to select the desired temperature (16°C to 32°C)
4. Use fan speed buttons (39) to select the desired fan speed (LOW, MED or HIGH).
5. Press the On / Off button (34) to stop operation.

DRY (DEHUMIDIFYING)



1. Press the On / Off button (34).
2. Press the mode button (31) until the DRY mode indicator is illuminated.
3. Use temperature button (37) to select the desired temperature (16°C to 32°C)
4. Press the On / Off button (34)

FAN



1. Press the On / Off button (34).
2. Press the mode button (31) until the FAN mode indicator is illuminated.
3. Use fan speed buttons (39) to select the desired fan speed (LOW, MED or HIGH).

4. Press the On / Off button (34)

NOTE! The remote control may operate other electronic devices if pointed towards them. Make sure to point the remote control towards the signal receiver of the air conditioner. For proper operation, use a soft cloth to clean the signal transmitter LED and the receiver window.

ADVANCED FUNCTIONS

Through the use of the remote control there are also three advanced functional modes available, these are TIMER (On / Off timer operation), SLEEP (automatic comfort operation) and SWING (louvre controlled air movement).

Before the TIMER or SLEEP functions can be used the clock must be set.

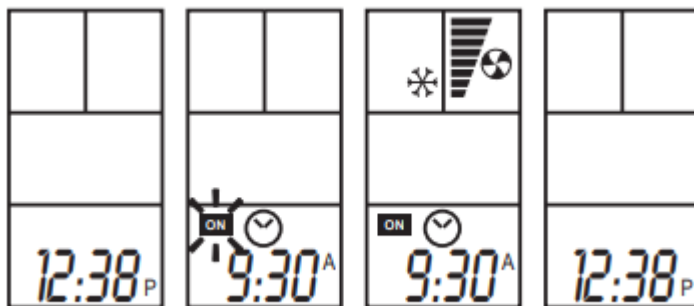
SETTING THE CLOCK

1. Press and hold the CLOCK button (33) for five seconds (the clock digits will begin to flash)
2. Use the timer / clock adjustment buttons to set the current time.
3. When the desired time is reached press the CLOCK button (33) to lock in the time.

NOTE! Holding down a button for approximately five seconds will increase the speed at which the time changes. If no buttons are pressed for 10 seconds, clock setting will be cancelled and no change will be made.

ADVANCED FUNCTIONS REMOTE CONTROL

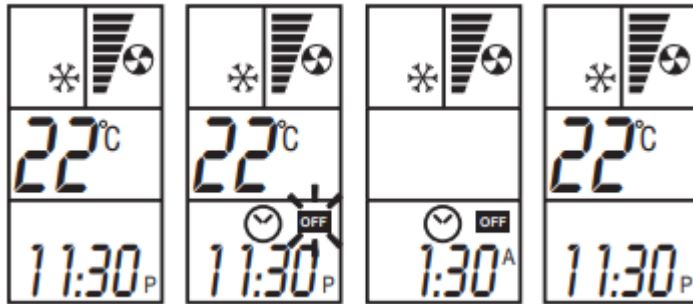
ON TIMER



1. With the appliance OFF, press the TIMER button (35), the Clock symbol and a flashing ON timer icon will be displayed.
2. Use the timer / clock adjustment buttons to select the desired start time.
3. Press the TIMER button (35) to lock in the time.
4. Set the desired operational modes and temperature.
5. Press the TIMER button (35) to begin timer based operation, when the set ON time is reached the appliance will turn ON.

NOTE! If no buttons are pressed for 10 seconds, clock setting will be cancelled and no change will be made.

OFF TIMER

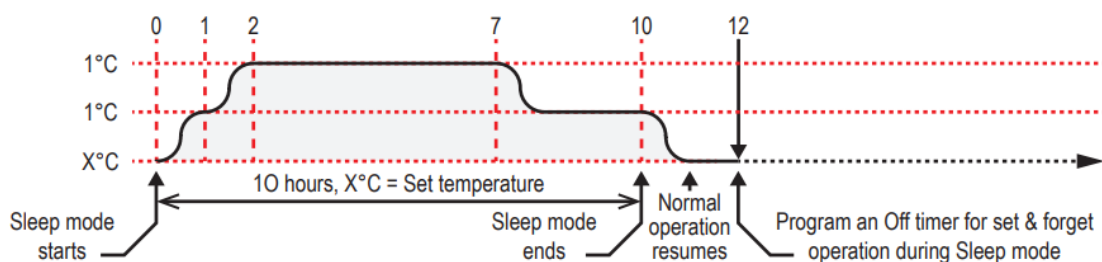


1. With the appliance ON, press the TIMER button (35), the Clock symbol and a flashing OFF timer icon will be displayed.
2. Use the timer / clock adjustment buttons to select the desired stop time.
3. Press the TIMER button (35) to lock in the time.
4. Set the desired operational modes and temperature.
5. Press the TIMER button (35) to begin timer based operation, when the set OFF time is reached the appliance will turn OFF.

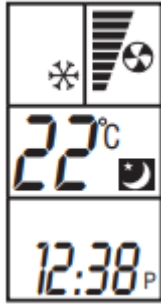
NOTE! If no buttons are pressed for 10 seconds, clock setting will be cancelled and no change will be made.

SLEEP FUNCTION

The SLEEP function allows the set temperature to increase and decrease over a 10 hour period at pre-set time intervals to maintain your comfort while saving energy after the 10 hours has passed the appliance will resume normal operation (see graph below)..



1. With the appliance ON, press the SLEEP button (36), the SLEEP icon will be displayed and the 10 hour sleep cycle will begin.



NOTE! If a 10 hour period is too long or if you desire the appliance to turn OFF at a specific time, then the use of a set OFF timer will allow the SLEEP timer to be overridden and the appliance will be turned OFF.

2. Press the SLEEP button (36) at any time to cancel the SLEEP function operation.
3. Press the On / Off button (34) to stop operation.

SWING FUNCTION

The swing function allows adjustment of the air flow by controlling the cool air outlet louvre in either a cyclic or fixed direction.



1. With the appliance ON, press the SWING button (38), an animated SWING icon will be displayed and the air outlet louvre will begin to cycle.
2. Pressing the SWING button (38) will stop cyclic motion at a fixed direction and the SWING icon will go out.
Each consecutive press of the SWING button (38) will stop and start the cyclic motion.
3. To return the cool air outlet louvre to the default operational position press the On / Off button (34) twice (this will reset the appliance).

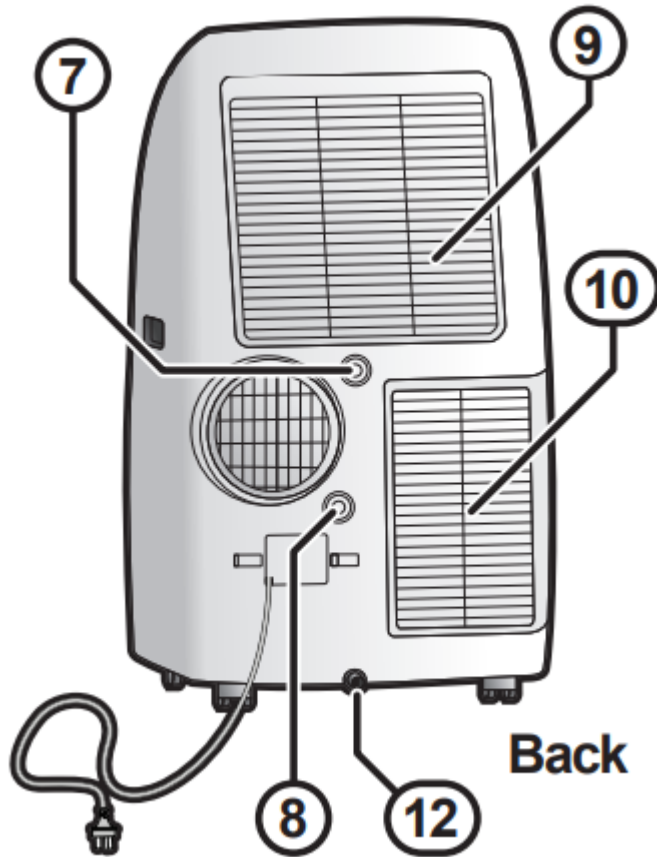
CARE & MAINTENANCE

GENERAL MAINTENANCE

It is recommended that after each cooling season the exterior panels and display of the appliance are cleaned with a soft damp cloth.

Air filters should be checked and cleaned every week during periods of heavy use. For intermittent use this can be extended to 2 to 3 weeks.

If storing the appliance for a prolong period remove the plugs and hoses from the drain outlets (7) , (8) and (12).



CAUTION! ALWAYS turn off the power before you perform any maintenance. DO NOT use solvents, alcohol or harsh cleaners on this appliance or the filters. NEVER use water that is hotter than 40°C when you clean the filters. It may cause deformation or discolouration.

CLEANING THE AIR FILTER

There are two air filters in this appliance, there is one filter each fitted to the inside of the Room Air Intake Grill (9), and the Lower Air Intake (10). Before removing the grills, ensure the power cord is disconnected from the power supply.

1. Remove the grills: To remove the Room Air Intake Grill (9) pull down on the top tab and un-clip the grill. To remove the Lower Air Intake Grill (10) use a Philips head screw driver to remove the securing screw and un-clip the grill.
2. Un-clip the filters from each of the grills. Clean the filters with a vacuum cleaner or with warm water. If dirt is difficult to remove, wash the filter in lukewarm water with a mild detergent.
3. Ensuring that the filters are dry before replacing, then clip the filters back into the grill covers.
4. Re-attach the grills: To re-attach the Room Air Intake Grill (9) ensure that all the tabs are properly seated and that the grill is securely clipped back into place. To

re-attach the Lower Air Intake Grill (10) ensure that all the tabs are properly seated and that the grill is securely clipped back into place and that the securing screw is replaced.

The power may now be reconnected

NOTE! Failure to clean the filters regularly can cause excessive condensation to form and reduce the appliances efficiency. If you need replacement filters, please contact Rinnai.

TROUBLESHOOTING

SAVE A SERVICE CALL

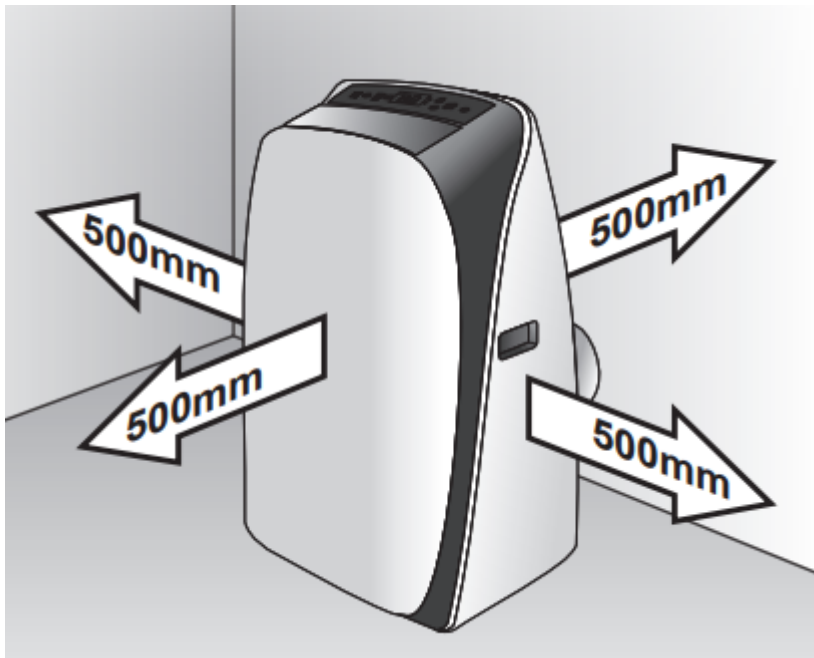
SYMPTOM	POSSIBLE CAUSES	POSSIBLE SOLUTIONS
Appliance will not operate.	Not plugged into power.	Plug into power.
	Power switch OFF.	Switch power ON.
	Timer Function set.	Wait or reset timer function.
Power to Appliance but it will not start.	After switching off the appliance there may be a 3 minute delay before it may be re-started.	Wait 3 minutes.
	Room temperature is lower than the set temperature.	Adjust the set temperature to be lower than the room temperature.
	P1 appears on the display.	Drain the water from the drain outlets.
The air conditioner does not generate enough cool air.	The air intake filters are blocked	Clean air filters
	The set temperature is too high.	Adjust the set temperature to a lower temperature.
	Drafts from open windows and doors.	Close windows and doors in the area you want to be cooled.
	Other heat sources in the room.	Remove or turn off heat sources.
	Cooling space too big.	Operate the appliance within the required cooling capacity.
Too noisy or vibrating.	Operating surface not level	Move the appliance to level a operating surface.
Splashing sound.	High level of condensate being generated.	This is normal. This appliance has a pump that evaporates some condensate through the exhaust duct.

WHEN TO CALL FOR SERVICE

SYMPTOM	CAUSE
<p>There is a burning smell and a strange sound coming from the unit.</p> <p>When operated if a circuit breaker (safety, ground) is thrown or a fuse is blown.</p>	<p>Turn off the air conditioner, and contact Rinnai.</p>

INSTALLATION

LOCATION

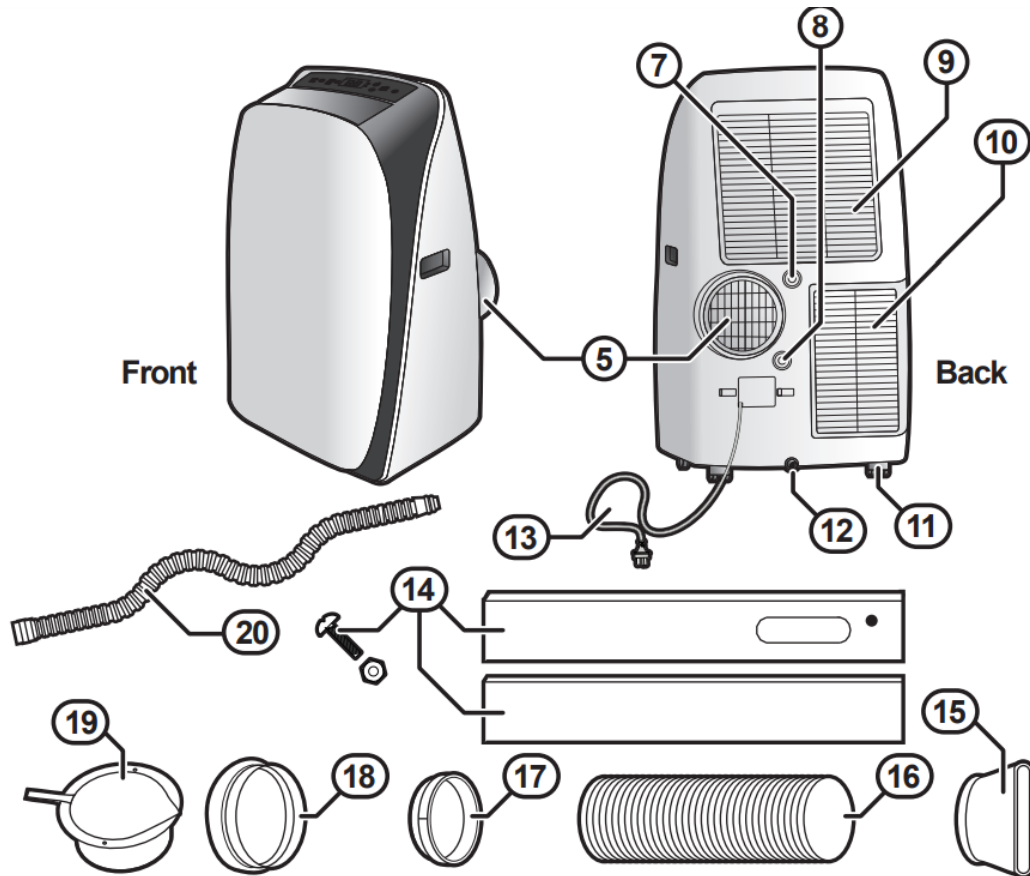


This portable air conditioner must be installed on a flat and dry surface. A minimum clearance of 500mm from walls or other appliances is required as well as easy access to a power point (GPO).

The air outlets and the ducting system must not be obstructed.

IMPORTANT: The appliance is fitted with a 1.2m flexible 2 pin cord 220-240V 50Hz 10A. The maximum duct extension is 1.8m in total. Both factors are to be taken into account when determining the location that the appliance will be operated in.

DUCT ASSEMBLY



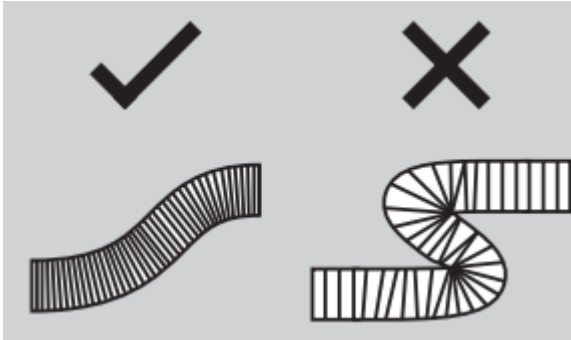
1. Place the Duct to Unit Adaptor (17) over the Exhaust Outlet (5), push it downwards to ensure it engages the Exhaust Outlet tabs.
2. Screw one end of the Exhaust Duct (16) into the Duct to Unit Adaptor (17).
3. On the other end of the Exhaust Duct (16) fix either the Window Exhaust Duct Adaptor (15) or the Wall Exhaust Adaptor (18).

EXHAUST DUCTING OPTIONS

There are two ducting options available for this appliance, these are a Window installation or an optional Semipermanent wall installation.

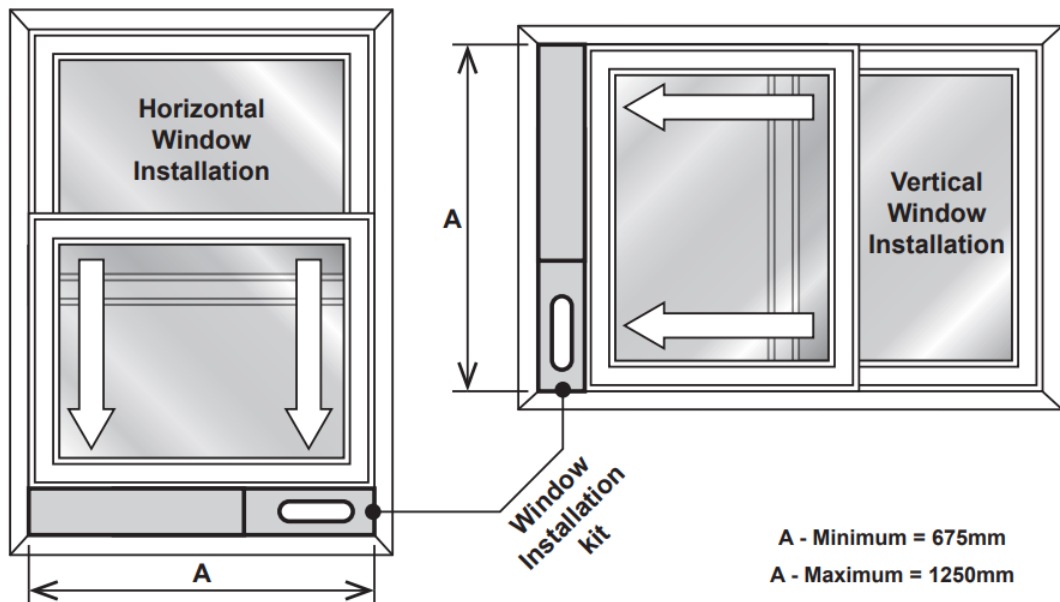
IMPORTANT! DO NOT over extend the exhaust duct. Over extension of the exhaust duct can lead to kinking. Kinked ducting causes air flow restrictions and lowers the efficiency of

the appliance. Keeping the exhaust duct as short as possible avoids this issue.

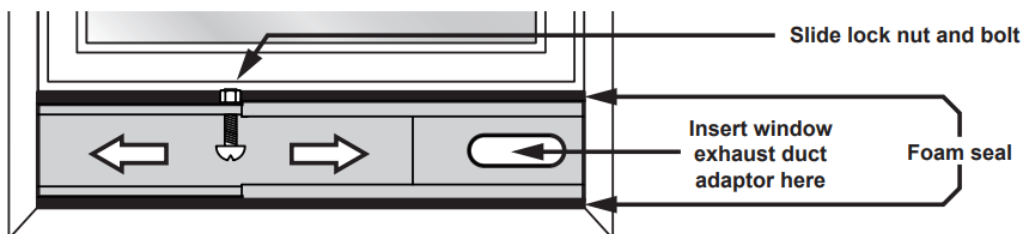


WINDOW INSTALLATIONS

The window kit has been designed to fit most standard vertical and horizontal window applications. There may be some cases where you may need to modify some aspects of this installation procedure for certain window types. Minimum and maximum horizontal / vertical window opening dimensions:



1. Once a suitable window has been chosen, fit the Adjustable Slider Kit (14) into the window areas and fix the length of the kit using the supplied slide lock nut and bolt.



NOTE! It is recommended to place a length of foam draft sealing strip along the top and bottom edges of the kit or the inside the window opening to form a seal.

2. Connect the Window Exhaust Duct Adaptor (15) to the Adjustable Slider Kit (14).

SEMI-PERMANENT WALL INSTALLATION

In some cases a window opening might not be assessable; therefore this appliance is supplied with semi-permanent wall flange kit that can be connected the Exhaust Duct.

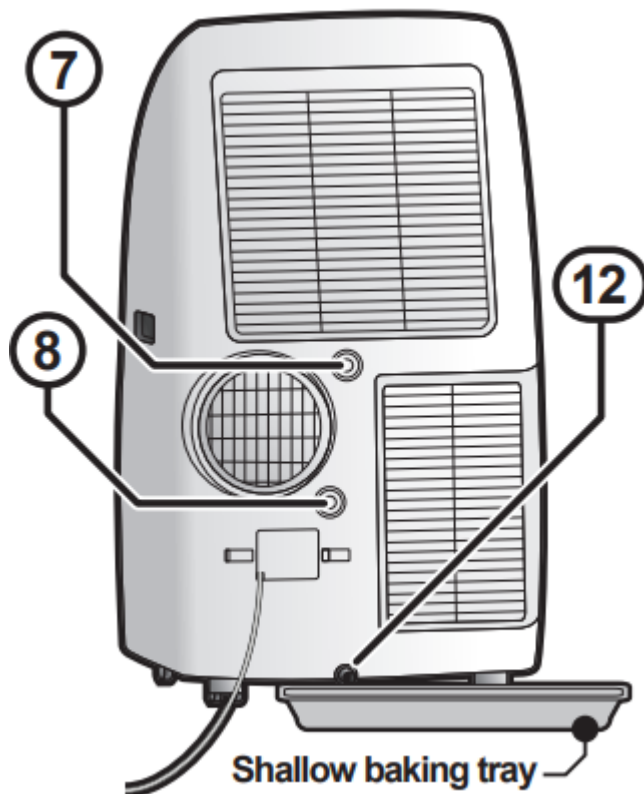
WARNING! The positioning and installation of the wall flange should be completed by an authorised person and must comply with all municipal building codes and OH&S guidelines.

CONDENSATE DRAINAGE

NOTE! Condensate produced by this appliance is NOT potable, dispose of via waste outlet or allow to evaporate.

INTERNAL CONDENSATE TANK

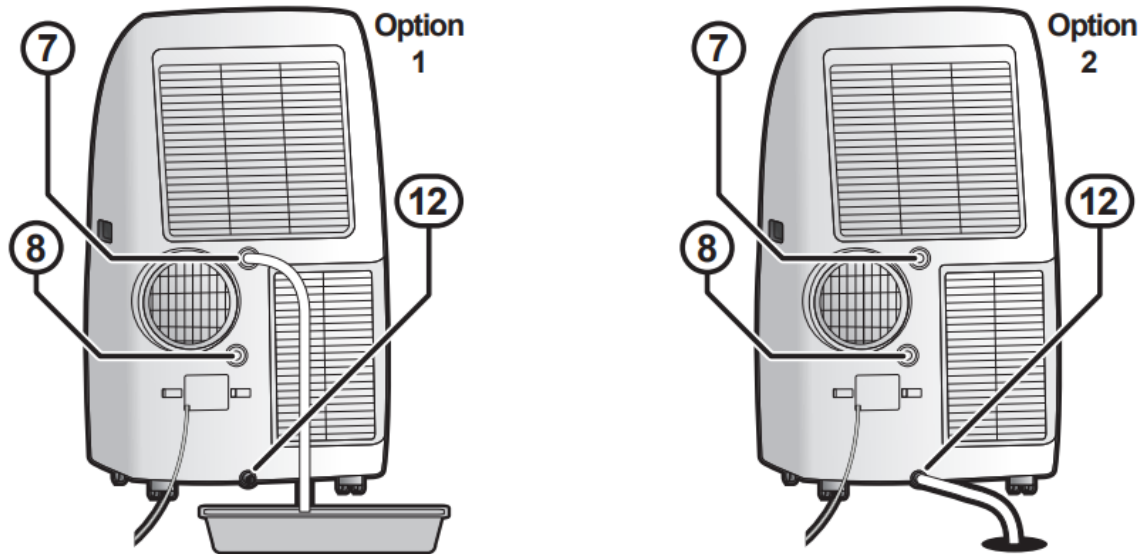
During operation the appliance may produce small amounts of condensate. The appliance has an inbuilt condensate tank. If all three drain outlets (7), (8) and (12) are plugged, then this tank may reach capacity. If this happens, the appliance will stop operation and the condensate full code "P1" will be shown on the control panel display and the condensate tank will need to be drained before operation can be resumed. To do this:



1. Place shallow tray such as an oven baking tray or similar (with at least a 1 litre volume) under Drain Tray Outlet (12).
2. Remove the plug from Drain Tray Outlet (12) and drain out the condensate water, once the condensate is drained replace the plug, the appliance will now be able to then resume operation.

FIXED CONDENSATE DRAINAGE HOSE

As an alternative to using the appliances internal condensate tank, a condensate drain hose (20) may be fitted.



Option 1 - External Drain Tray: with drain outlets (8) and (12) plugged, fit the condensate drain hose (20) to drain outlet (7) and drain the condensate into a drain tray.

Option 2 - Existing Waste Outlet: with drain outlets (7) and (8) plugged, fit the condensate drain hose (20) to drain outlet (12) and drain the condensate into a drain tray or waste outlet.

NOTE! The point to which the condensate is to be drained MUST BE lower than the drainage outlet point. When using a drain tray option, ensure that the capacity of the tray is greater than that of the condensate being produced.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.