



Portable air conditioner unit – BT-12000RC Operating Instructions

Also called – room air conditioner, mobile air conditioner

This mobile room air conditioner adjusts the temperature and humidity in a room. Its flexibility makes it easy to use in different applications and to cool various rooms. This mobile air conditioner unit is designed to cool office or computer rooms. This air conditioner allows you to control the 4 factors that determine optimal comfort in a room -

1. **Humidity rate**- humidity in a room can cause a sensation of heat in the summer. The air conditioner not only cools the temperature, but dehumidifies the air as well.
2. **Temperature**-The main function of an air conditioner is to draw hot air out of the room.
3. **Air purity**-The air filter removes dust particles from the room air, creating a healthier room atmosphere.
4. **Airflow**-The air conditioner regulates the airflow allowing the flow to be directed and ensuring optimal air circulation.

Note: *Avoid being directly in front of the cold airflow and do not direct it onto people. To ensure the optimal efficiency of the unit, we advise you keep doors and windows closed, and to take into account the surface of the walls and windows exposed to sunlight. In this case and in order to optimise the functioning of your mobile air conditioning unit we recommend partially closing the window coverings.*

Important Instructions for your mobile air conditioner unit

Do not install the portable air conditioning unit until you have read and understood these instructions. This will help to optimise the operation of the air conditioner.

The following advice and instructions should be closely followed:

1. Mobile air conditioner units must always be kept in an upright position
2. If for any reason the unit has been left on its side for a period of time, you must place it upright to allow the cooling agent to stabilise and wait for 3 hours before use

Failure to comply with these instructions may damage the unit

Safety Instructions

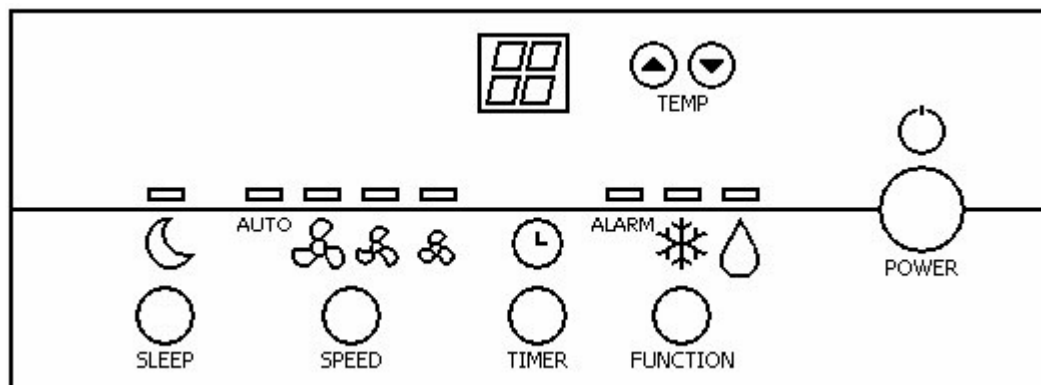
- Do not damage the power cord
- Never lay the mobile unit down while it is working
- Always keep it in an upright position to avoid any damage to the cooling system
- Be sure that the air inlets and outlets are not blocked or covered up
- Never place anything on top of the unit and do not cover it with any kind of cloth while it is plugged in or in-use
- The air conditioner has been designed to be used in the office and similar conditions and it should not be used for any other purpose
- Never connect the unit to a defective plug socket
- Make sure that the unit is correctly connected before turning on power to the unit
- Never unplug the air conditioner while it is working. This could damage the electronic circuits
- To avoid tripping the circuit, do not use an extension lead for this unit
- To turn the unit on, always use the switch on the control panel
- Do not bend or crush the warm air duct
- It is dangerous to modify or to change the characteristics of the unit
- Do not place the air conditioner near curtains/blinds (minimum distance 1.5ft)
- Do not place the power cord under the carpet
- Never install the unit in direct sunlight or in the rain
- When the unit is switched on it may take the unit up to 3 minutes to start cooling
- Keep the area around the warm air outlet sufficiently clean and make sure that it is not congested
- For any repairs that are needed please contact London Cool on 0800 440 444. Repairs carried out by an unqualified person may cause damage to the unit

Continuous Drain Features

There are two continuous drain features in this mobile air conditioner unit

1. The drain at the side of the unit (A) runs through the exhaust hose and offers continuous drainage via a built-in pump. When the cap is on the drain at the bottom of the unit (B) and the condensation tank fills to capacity, the drain (A)'s pump will automatically turn on and pump the condensation out of the unit. If the exhaust hose is installed more than 5.9 feet above the ground, drain (A)'s pump will not work and the condensation must be drained from drain (B)
2. Drain (B) is located at the bottom rear of the unit and offers continuous drainage via gravity. To use drain (B), place a shallow pan underneath the drain outlet and remove the rubber cap. In order to avoid spilling water while moving the unit from room to room, please drain the condensation via drain (B) before moving the unit. In addition, whenever you will not be using the unit for an extended period of time, such as at the end of the season, again use drain (B) to make sure the condensation is completely drained from the unit

BT – 1200 PORTABLE AIR CONDITIONER UNIT Operating Instructions



Soft touch control panel

- **POWER BUTTON:** Press to turn the unit "ON" or "OFF". (Note: The compressor requires up to 3 minutes to start from either being switched on, or when changing from dehumidify to any air conditioning cycle chosen)
- **FUNCTION BUTTON:** Press this button to select the air conditioning function or dehumidification function
- **TIMER BUTTON:** Programmable timer ON/OFF button

TIMER-ON FUNCTION: The unit can be set to automatically turn the unit on

- While the unit is off, press the "TIMER" button to set the number of hours (from 1-12 hours), from the current time that you would like the unit to turn on
- When the time elapses, the unit will automatically turn on
- If you press the "POWER" key before the time elapses, the set time will be cancelled and the unit will turn on

TIMER-OFF FUNCTION: The unit can be automatically turned off.

- While the unit is on press the "TIMER" button to set the number of hours (from 1-12 hours), from the current time that you would like the unit to turn off
- When the time elapses, the unit will automatically turn off
- If you press the "POWER" key before the time elapses the set time will be cancelled and the unit will turn off
- **A/C FAN SPEED:** Press the speed button to select either, LOW, MEDIUM, HIGH, or AUTO A/C fan speed. When using the auto function, the unit will start at maximum speed. As the room temperature changes up or down, the fan speed will adjust accordingly. When the room temperature reaches the set temperature, the compressor will shut off, as indicated by the blinking air conditioner indicator light on the control panel, and the fan will continue to operate and circulate the air.
- **SLEEP CONTROL FUNCTION:** This function is designed to: (a) gradually increase the thermostat temperature, and hence the room temperature as you fall asleep, and (b) shut the unit off. To set the "Sleep Comfort" mode, first press the sleep button. Then set the number of hours from the current time, that you would like the unit to remain on by pressing the timer button until the desired hours are indicated on the LED display. The temperature setting may be varied in the "Sleep Comfort" mode by pressing the "UP" or "DOWN" buttons. For each press, the temperature will be increased or decreased by 1°C. During the course of this cycle, the microprocessor memory will gradually raise the preset temperature 2° - 3°C over a two hour period, maintain that temperature for the balance of the time set, and then shut the unit off
- **L.C.D DISPLAY:** Indicates the room temperature and the timer and temperature settings. The units LED displays the room temperature as soon as the power is turned on and after the timer or temperature is set
- **ALARM INDICATOR LIGHT:** This light will illuminate and this unit will shut off when the condensate tank is full and the unit cannot drain. The light will remain on and the unit will remain off until the condensation is drained through Drain (B). Please refer to the trouble shooting section at the bottom of the instructions
- **TEMPERATURE REGULATION BUTTONS (UP & DOWN):** These buttons raise and lower the thermostat temperature setting by 1° each time they are pressed, ranging from 16°C - 32°C

- **A/C INDICATOR LIGHT:** Illuminates when the compressor is on and stays solid while the compressor is running. When the room temperature reaches the set temperature, the compressor turns off and the light blinks indicating that the unit has cooled the room to the set temperature
- **DEHUMIDIFIER INDICATOR LIGHT:** Press the "FUNCTION" button to select the dehumidification mode. When the dehumidification mode is on, the temperature buttons and the fan speed buttons do not function and the fan will operate on low speed. The dehumidifier indicator light will illuminate and stay solid while the unit is dehumidifying. When the humidity in the room is 50% or lower, the compressor will not run, the unit will not dehumidify and the dehumidifier light will blink. Remember, the exhaust hose does not need to be used in dehumidifier mode

NOTE: This unit has a three-minute compressor delay protection circuit. Thus, the compressor may take up to three minutes to start from either being switched on or when changing between the dehumidification and air conditioning functions.

If there is a power interruption while the unit is operating, the unit will not turn back on automatically when the power is restored. The unit must be turned back on manually. The unit is designed with this safety feature to protect the compressor.

Cleaning this mobile air conditioner unit

Before cleaning the unit, turn it off and unplug it from the outlet. For safety reasons, never wash the conditioner

Exterior Surfaces of the Unit

- Clean the air conditioner by using a damp sponge, and dry it with a clean, soft cloth
- Never use alcohol or any product containing solvents

Air Filters

The air filters located on the back of the unit collect dust contained in the air. The air conditioning unit must ALWAYS be used with the air filters

- The build up of dust reduces the efficiency of the air conditioner. Therefore, the air filters must be cleaned every two weeks, and more often if the machine operates in a dusty atmosphere
- If the filters are obstructed the air conditioner will be less efficient
- Each air filter has a tab in the centre and is secured to the unit by two clips on the top and two clips on the bottom of the filter. Remove the air filters with the unit switched off, by pulling the tab towards you
- Clean the air filters with a vacuum cleaner. If the filters are very dirty you can wash them in warm water (never use hot soapy water). Make sure that the air filters are completely dry before putting them back into the unit
- Do not bend the filters

Trouble Shooting

If your mobile room air conditioner does not work, it is sometimes a minor problem. Before calling London Cool, please check the following points to see if they solve the problem.

PROBLEM	PROBABLE CAUSE	SOLUTION
The air conditioner / dehumidifier doesn't work	The plug is not properly inserted into the wall socket	Plug the unit in properly
	There is insufficient amount of amperage to start the unit	Check the circuit board for 13 amp fuse availability
	The water tank is full / alarm light is illuminated	Check drain (A) for an obstruction and/or empty drain (B)
The air conditioner cut off	The exhaust hose is too long, run incorrectly or kinked	Exhaust hose can only be extended using max 5' of 4" PVC pipe for a total exhaust length of 10'
	The unit is positioned too close to a wall or an object	The unit should be at least 1½ away from any wall or object
	The flap vent obstructs the wall exhaust	Use the screen instead of the flap vent for wall exhaust
	The ceiling or the basement does not have ample ventilation	The unit will overheat the exhaust pipe and cannot fully vent
	The "timer off" function has been activated	Push the power button to turn the unit back on
The air conditioner / dehumidifier LED indicator light blinks	In the a/c function, the ambient temperature has reached the set	This is normal. Set the temperature lower

	temperature and therefore the compressor has shut off	to turn the compressor back on
	In dehumidifier mode, the humidity in the room is 50% or lower and therefore the compressor is not running	This is normal
<i>The LED display shows the unit is set, but the unit is not running</i>	The units "timer on" feature is activated	This is normal
		Push the Power button to turn the unit on and deactivate the "timer on" feature
<i>The alarm indicator light is illuminated</i>	The condensate tank is full and the unit cannot drain. This safety feature turns off the unit to protect the unit and prevent the condensate tank from overflowing	If you are using drain (A), make sure that the drain hose is no more than 5.9 feet above the ground. If drain (A) still does not work, the condensate must be drained through drain (B). After draining the tank, you should be able to restart and use the unit

IF NONE OF THE ABOVE SOLVES THE PROBLEM, PLEASE CONTACT LONDON COOL ON 0800 440 444

London Cool air conditioner rental and sales

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