



DESA AC800 / AC10000

General Safety

- Only use in an upright position on a flat, level surface
- Always use the carry handles to move the product and NOT the electricity cable
- Do not place objects on the unit or restrict the air inlet/outlet

Electrical Safety

- For indoor use only
- Always switch the unit off and unplug when the unit is not in use
- Do not use in overly humid or wet environments
- If the power lead is damaged, it must be replaced immediately by a qualified electrician

For Maximum Efficiency

- Do not exceed the recommended room size of 50m³ (typically 20m² floor area)
- Close all doors and windows in the room with the operating air conditioner unit
- Keep curtains and blinds closed if the room is in direct sunlight
- Keep filters clean
- Once the room has reached the desired conditions, change the temperature and ventilation settings as required
- Ensure the unit is at least 50cm from any object

Installation

This unit is a portable air conditioner, which may be easily moved from room to room using the following methods.

1) Using the foam strips

- Open a suitable window
- Place the unit at least 50cm away from the window
- Feed the exhaust hose through the foam strip and push through the window
- Gently close the window so the foam strip is held securely

WARNING – to help prevent crime, close and lock the window when the unit is not in use

2) Using the adaptor

- Carefully cut a 130mm diameter hole in the wall or window
- Feed the exhaust hose through the window or wall and attach the threaded adaptor from the outside
- When not in use, plug the hole with the cover provided

Mounting of the Exhaust Hose

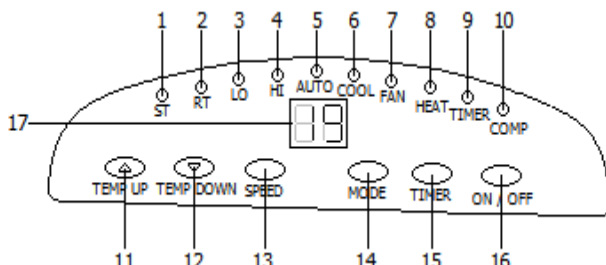
- Using only the hose provided, clip the exhaust hose and unit adaptor to the back of the air conditioner
- Avoid kinks and bends in the exhaust hose as this will cause expelled moist air to build up causing the unit to overheat and shut down
- The hose may be extended from 300mm to 1500mm, however for maximum efficiency use the shortest length possible

WARNING – The length of the exhaust hose is specially designed according to the specification of this product. Do not replace or lengthen it with your hose products as this could cause the unit to mal-function

Installation of the Carbon Filter

- 1) Slide up and remove the filter frame from the unit
- 2) Separate the filter guard from the filter frame
- 3) Remove the active carbon filter from its plastic bag
- 4) Insert the active carbon filter into the filter frame
- 5) Fix the filter by reassembling the filter guard onto the filter frame
- 6) Carefully slide the filter frame back inside the unit

Control Panel



- 1) Set Temperature Indicator
- 2) Room Temperature Indicator
- 3) Low Ventilation Indicator
- 4) High Ventilation Indicator
- 5) Automatic Function Indicator
- 6) Cooling Mode Indicator
- 7) Fan Function Indicator
- 8) Heating Function Indicator
- 9) Timer Operation Indicator

- 10) Compressor Operation Indicator
- 11) Temperature Up Button
- 12) Temperature Down Button
- 13) Fan Speed Button
- 14) Mode (Function) Button
- 15) Timer Button
- 16) Power Button
- 17) Display Window

Turning the unit ON / OFF

Press the ON/OFF button, the unit will start running automatically, press again and the unit will stop. If the ambient temperature is:-

- Higher than 23°C, the unit will work in cooling function
- Higher than 20°C, but below or equal to 23°C, the unit will work in fan function
- Below 20°C, the unit will work in heating function

Indicators for the function in use will light up and the ambient room temperature will appear in the display window

Please Note:

The COMPRESSOR indicator will only light up when the compressor is in operation.

Setting the Mode Function

Press MODE button to select required working function: automatic, cooling, fan or heating. The indicator light of the selected function will come on.

Setting the Temperature

Press the TEMP UP or TEMP DOWN button to regulate the desired temperature. The display window will show the temperature set. If a temperature is not set, the display will show the ambient temperature.

Setting the Fan Speed

- 1) Press the SPEED button to choose the required fan speed. The indicator hi or lo will light when the setting is chosen
- 2) If the unit is in AUTO function it will choose the fan speed automatically, according to the ambient temperature (the speed switch is invalid when the unit is in AUTO function)

Setting the Timer

- 1) The TIMER button allows operating hours to be set as desired
- 2) When the unit has been running for the set time, the machine will turn off automatically
- 3) Once set, the timer indicator will light up and the display window will show the hour(s) it is set for
- 4) Pressing the TIMER button, without turning on other functions, allows the time for the unit to function to be PRE-SET. For example, if the timer is set to '2', the unit will function automatically for 2 hours
- 5) If the timer button is not pressed, the unit will work continuously

All the above functions can also be performed with the remote control (supplied). This remote control requires 2 x AAA batteries.

Regulating the Airflow Direction

- 1) Turn the roller on the air vent to control the airflow direction
- 2) Move the air vent directly to adjust the airflow direction of the horizontal louvers

Please Note:

- 1) To prolong the compressors life, after turning the unit off, please wait for at least 3 minutes before turning on again
- 2) The cooling system will switch off if the ambient temperature is lower than the one set. However, if the ambient temperature rises above the selected level, the cooling system will restart
- 3) The heating system will switch off if the ambient temperature is higher than the one set. As the ambient temperature drops below the selected level, the heating system will restart
- 4) The fan will continue to work on the set level regardless of the ambient temperature
- 5) This unit is equipped with an ANTI-FROST function. While using the heating function during low temperature, the heating function will occasionally stop for a short period of time, in order to melt the frost

Drainage

During the process of cooling, some water will be extracted from the air into the unit. If the reservoir is full, both the compressor and the motor will stop. When this occurs, the COMP indicator will flash. For the unit to function again, the water must be drained in one of the following ways:

- 1) Turn the air conditioner off
- 2) Position the water tray underneath the drain hole
- 3) Remove the drain knob and rubber plug from the drain hole and allow the water to drain out
- 4) Replace the rubber plug in the drain hole whilst emptying the water tray
- 5) Repeat stages 3 and 4 until the unit is empty
- 6) Replace the rubber plug and tighten the drain knob firmly
- 7) Switch on the unit – (the COMP light should not be flashing)

If you wish to operate the unit without the need to empty the water tank, please:

- Remove the drain knob and rubber plug and retain for future use
- Connect the drain tube supplied to the water outlet and place the other end into the drain
- The drain tube may be extended by adding an extension tube and using a suitable connector (not supplied)

Please Note:

- 1) The drain must be at or below the outlet level
- 2) Flashing COMP indicator will not function with this method of drainage
- 3) If you want to extend the water tube, you can connect it via another tube

Warning:

Whilst using the heating function make sure that the exhaust pipe is correctly fitted in order to filter the cold air outside, and connect the drainage tube supplied to the water outlet.

Maintenance

WARNING – Always unplug the air conditioner from the mains before cleaning

To maximise the efficiency of the air conditioner, clean regularly.

Cleaning the Housing

Use a soft, damp cloth to wipe the body clean. Never use aggressive chemicals, gasoline, detergents, chemically treated cloths or other cleansing solutions as these could damage the unit.

Cleaning the Filter

WARNING – Never operate the unit without the filters in the correct position

Use a vacuum cleaner or tap the filter lightly to remove loose dust and dirt, then rinse thoroughly under running water (no hotter than 40°C). dry thoroughly before replacing

End of Season Storage

- Drain away any water in the unit, then operate the unit on fan function for a few hours, to thoroughly dry the inside
- Clean or change the filter
- Unplug and store the power cord in the correct position
- Replace in the original carton or cover for storage

Fault Check List

PROBLEM	CAUSE	SOLUTION
The air conditioner will not run	Is the air conditioner plugged in?	Plug the air conditioner in
	Is there a power failure?	Wait till the power is back on and plug the unit back in
	Is the COMP indicator flashing?	Empty the water from the unit
	Is the ambient temperature below the set temperature?	The is normal, the unit will switch itself back on once the ambient temperature is above the set temperature
The unit seems to do little	Is there direct sunlight?	Make sure that all blinds and/or curtains are closed
	Are too many windows or doors open?	Closed all windows and doors
	Are there too many people in the room?	You may consider wanting another a/c unit to bring the temperature down
	Is there something in the room producing lots of heat?	Remove any objects that are causing lots of heat in the room
The machine seems to do nothing	Is the filter dusty/contaminated?	Clean the filters
	Is the air intake or output blocked up?	Remove any blockage from the unit
	Is the ambient temperature below the set temperature?	This is normal for the unit to switch off when the ambient temperature reaches the set temperature. Once the ambient temperature starts to increase the unit will start working
The machine is too noisy	Is the floor underneath the unit uneven?	Put the unit on floor the us even
The compressor does not run	It is possible the overheat protection of the compressor is on.	Wait for the temperature to drop and try the unit again

**WARNING – Never try to repair or dismantle the unit yourself
If the problems persist, please call London Cool on 0800 400 440**

London Cool air conditioner rental and sales

This document has been compiled in good faith, but no representation is made or warranty given (either express or implied) as to the completeness or accuracy of this information