

omega  
*altise*

**AVAP10A  
10 Litre  
Evaporative Cooler**



**Instruction  
Manual**

## **Important Safety Instructions**

Read all instructions.

**WARNING** - to reduce the risk of fire, electrical shock or injury to persons or property:

- Always operate the product from a power source of the same voltage, frequency and rating as indicated on the product identification plate.
- Close supervision is necessary when any product is used by or near children or infirm person/s. Do not allow children to use it as a toy.
- Do not operate any product with a damaged cord or plug, or after the product malfunctions, or is dropped or appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- To reduce the risk of electric shock, do not immerse or expose the product or flexible cord to rain, moisture or any liquid other than the intended water filler and ice tank.
- This product should not be used in the immediate vicinity of water, such as bathtub, washbowls, swimming pool etc. where the likelihood of immersion or splashing could occur.
- Never install the unit where it could be subject to:
  - \* Heat sources such as radiators, heat registers, stoves or other products that produce heat.
  - \* Direct sunlight
  - \* Excessive dust
  - \* Mechanical vibration or shock
  - \* Lack of ventilation, such as bookcase or cabinet
  - \* Uneven surface.
- Switch off and unplug from outlet when not in use, before assembling or disassembling parts and before cleaning.
- Switch OFF and unplug before filling with water. Take care not to overfill.
- Avoid contact with moving parts.
- Do not place objects on the product or allow objects to obstruct the inlet or outlet openings, or operate in close proximity to walls or curtains, etc.
- Replace batteries immediately they are flat (flat batteries may leak). Always observe the correct polarity when replacing batteries.
- The use of attachments or accessories not recommended or sold by the product distributor may cause personal or property hazards or injuries.
- This product is intended for normal domestic/household use only.

***Read all instructions before using this unit. Keep them for future reference.***

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## Specifications

<b>Model</b>	AVAP10A
<b>Rated Voltage</b>	230-240V / 50Hz
<b>Watts</b>	70W
<b>Dimensions (cm)</b>	30 x 39.7 x 65
<b>Net Weight</b>	6kg

<b>Modes</b>	3 modes
<b>Water tank capacity</b>	11 litres
<b>Max air volume</b>	>6m <sup>3</sup> /min
<b>Warranty</b>	2 year replacement

## Product Introduction and Features

Evaporative air cooling is the natural way of cooling, similar to a breeze flowing across the water which drops the temperature at the beach.

When water as a liquid evaporates in to the air, the result is a mixture of air and water molecules. This chemical change requires heat, thus energy or latent heat is taken from the air molecules - dropping the actual temperature of the air.

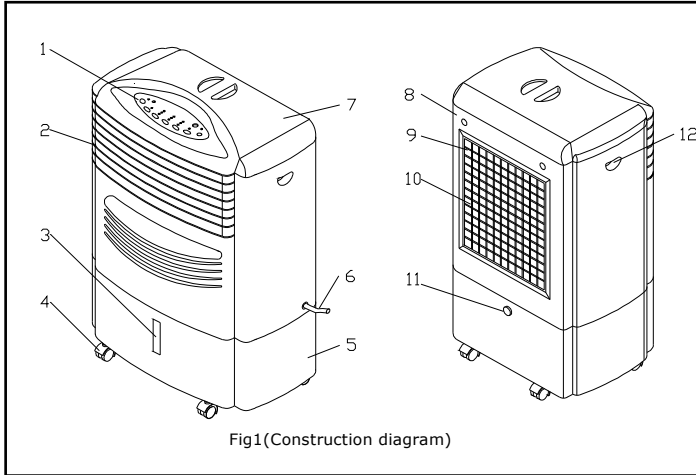
Air contains dust, pollen and other pollutants. The evaporative air cooler cleans the air providing cool, fresh, clean healthy air.

For best operating performance position the unit in a location that will create a “flow through” air effect. The greatest cooling effect will be felt if the unit is operated in a partly opened doorway or window with the “cool” conditioned air directed into the room to be cooled. It is important to also have a door or window partly opened away from the cooler to create this “flow through” effect.

On days of high humidity, the cooling effect may be reduced as the air entering the filter may already be saturated with moisture. On days like this it may be better to switch the cooling feature OFF and operate the unit as a fan only.

## Parts List

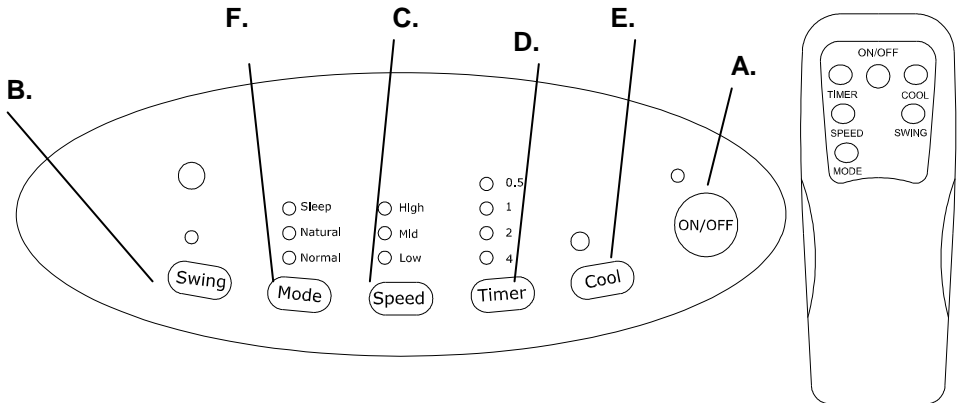
### Identification of Parts



- |                          |  |
|--------------------------|--|
| 1. Control panel         | 7. Water filling box (for add water and ice) |
| 2. Louver                | 8. Back cover                                |
| 3. Water level indicator | 9. Air filter                                |
| 4. Wheel (4pcs)          | 10. Filter cover                             |
| 5. Water tank            | 11. Water drainage outlet                    |
| 6. Power Cord            | 12. Handle                                   |

# Operating Instructions

## Control Panel Layout



- A. **ON/OFF:** Press the button once to start air cooler. Press again to Power OFF the air cooler. When cooler is plugged into the main socket, The LED will light up indicating the air cooler now has power and is ready to be switched ON or OFF.
- B. **OSC:** Press the button once, the indicating LED will light up and louver of the air cooler begins to swing horizontally and blows cool air. Push the button again, the LED is now OFF. The louver of air cooler will stop swinging, and air will blow in one direction.
- C. **SPEED:** Press to change fan speed from “High-Mid-Low”, relative SPEED indicator LED lights on. SPEED function High-Mid-Low can also be used in-conjunction with the SLEEP and Natural function.
- D. **TIMER:** Can be set for a length of time before the cooler switches itself OFF. Press once for every 30min increments. Maximum allowable is 7.5hrs. Example of use: If 0.5hr and 1.0hr lights on at the same time, it means timer is set 1.5hrs before automatically switching OFF. The TIMER function is OFF when no LED are lit up.
- E. **COOL MODE:** Press once to operate the COOL function. This function begins the process of soaking the air filter in water so that normal air passing through the air filter will be cooler when blown out. Press the button again to switch this function OFF, and the unit will operate in the fan mode only.

F. **MODE:** There are 3 mode functions, Normal, Natural or Sleep.

Normal mode:

Constant air flow and can be adjusted via pressing the SPEED function button. Example: Normal LOW or Normal High or Normal Medium.

Natural mode:

Programmed to simulate natural air flow (wind) as it would be if it was entering via the window. This mode is preferred for use when constant air flow (Normal mode) is not suitable. Natural mode can be operated HIGH or MEDIUM or LOW speed.

Sleep Mode:

Programmed to provide comfort while you are asleep. This mode is similar to the Natural mode and can operate with SPEED mode HIGH or MEDIUM or LOW.

NOTE: All above can be operate via the remote controller pod shown in Fig.2

## **OPERATION**

1. Ensure that the cap on the water drainage outlet of the unit is tightened. Pour clean cold water into the water filler area, observing the water level indicator on the bottom front panel.

**CAUTION: DO NOT SPILL OR ALLOW WATER TO COME IN CONTACT WITH THE CONTROL PANEL**

Do not overfill past the MAX water indicator mark.

If desired, place ice in the ice tank in the top of the unit.

**CAUTION:**

- Do not pour water into the ice tank.
  - Do not allow the combined use of water and ice to overfill the water reservoir.
  - When moving the unit, do so with extreme caution, so as not to spill any water in the reservoir. The unit should be moved slowly and in a sideways direction.
  - Always keep the unit upright.
2. Connect the unit to a power outlet of the same voltage and frequency as indicated on the rating plate. The unit ON/OFF LED for the power will light up to indicate that there is power to the unit.

3. Turn the unit ON by depressing the ON/OFF button. The unit will start and then revert to the initial Normal / LOW speed setting. Further operation can be performed via pressing the SPEED, MODE, TIMER, COOL and SWING buttons.
4. If you wish to turn the unit off at a pre-determined time depress the TIMER button. The unit can be set to turn off at any time between 0.5 hour and 7.5 hours from “Turn On” by depressing the TIMER button. If no time is selected, the unit will operate continuously.

The time set can be incremented in 30 min steps and the selected time is indicated by a combination of indicator lights.

EG: 5.5hrs is indicated by the 4hr LED, the 1hr LED and the 0.5hr LED being illuminated.

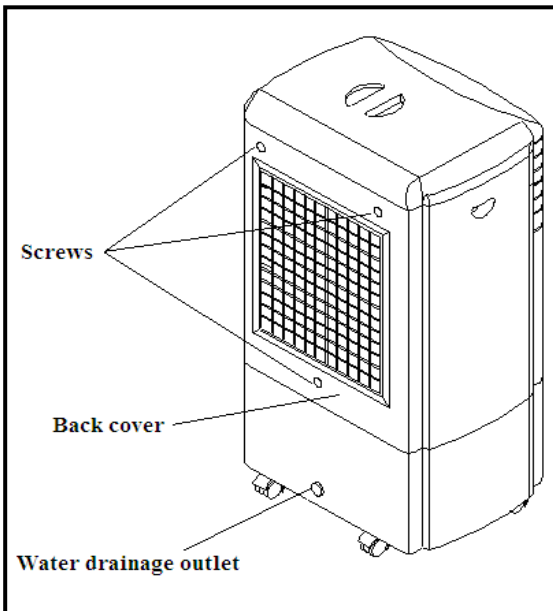
5. To initiate the cooling function depress the COOL button. It will take approximately minutes for the air to cool.  
**NOTE:** If this button is not depressed the unit will only circulate “room temperature” air.
6. Move the horizontal louver for the air outlet to blow the air up or down to suit your preference.
7. The vertical louvres can be set to a direction or allowed to rotate through 120° by depressing the SWING button.
8. All the functions can be performed with the remote control supplied with this unit.
  - a. Remove the battery cover and install two “AAA” batteries as indicated. (Please observe correct battery polarity.)
  - b. Point the remote towards the unit and depress the appropriate button. The remote control will operate up to 4 metres from the unit.
9. Depress the OFF button to cancel all functions.
10. When not in use disconnect the unit from the power outlet and drain all water from the water reservoir. (See Care & Maintenance)

**NOTE:** Initial setting is “normal” mode and “low” speed and will occur every time the plug into plugged into the power main. Once the cooler has been set to desire function/s, the cooler will keep memory of the setting as long as there is power to the cooler (step 2) when it is switched OFF, and without unplugging the plug from the power main.

Please refer to “installation and use” to learn the operations of the MODE function (NORMAL, NATURAL, and SLEEP)

## Care and Maintenance

To ensure effective humidifying and filtering, it is recommended that the filtering system be cleaned once every 1-2 months.



1. Disconnect the unit from the mains supply.
2. Empty the water reservoir by loosening the plug of the water drainage outlet. Make sure you have a container under the drain to collect the water or empty the unit outside. You may have to empty the water collector a few times, so just re-cap the plug of the water drainage outlet during emptying.
3. It is important after every season to clean the water reservoir and filter system of the unit.

**CAUTION:** Care must be taken as the filter system contains electric cables and motor. These components are not to be splashed or immersed in water.



4. Unscrew rear fixing back cover screws and release the back cover.
5. Disconnect the electric motor connection and remove the complete filter assembly by pulling out from the top and then lifting the filter assembly - up and out.
6. The air filter is connected into the back cover via two clips at the top. Release by pressing the two clips down and give it a little push. Be careful not to damage the filter.

**CAUTION:** Do not immerse or allow the motor or electric cables to come in contact with any liquid.

Do not immerse the Photocatalysis filter in water or any other liquid. This filter should not be allowed to become wet. It should be placed in a sunny position to reactivate it.

7. The water curtain is supported by two rollers, which can be removed for cleaning with mild soap. It is recommended to be cleaned once every 6 months.
8. Wipe out and dry the water reservoir. Replace the water drainage plug. It is recommended to be cleaned once every 1-2 months
9. Dry the filter and filter assembly and the water curtain before re-assembling.
10. To clean the exterior surfaces simply wipe over with a soft damp cloth. Should it be necessary, greasy marks may be removed from the surfaces by using mild soap and a cloth dampened in hot water. Avoid all other types of detergents, cleaners and solvents that may contain chemicals which could damage parts of the unit. Thoroughly dry all parts before storage.
11. Store in a cool dust free location for next use.

## **PROBLEMS**

Always check full product operation as detailed above before returning any product as faulty.

On humid days the unit may not appear to be cooling correctly. This is due to the air already being saturated with water. Adding more water to the air will not result in pulling the air temperature down. In these conditions, it is advisable to operate the unit as a fan only to circulate room air.

## **FOR YOUR SAFETY**

- Always operate the unit as detailed above.
- **CAUTION:** To reduce the risk of electric shock, **DO NOT** remove the cover (or back) while the unit is in operation or connected to the mains supply.

- This product operates with water - operate and move the product with extreme care.
- Do not operate the unit with a damaged cord or plug, or after the unit malfunctions, or is damaged in any manner. Return the complete unit to the place of purchase for in-warranty replacement, or inspection and repair.
- ALWAYS OPERATE AND STORE THE UNIT IN AN UPRIGHT POSITION.



**CAUTION! Do not immerse the cooler in water or allow water to drip into the interior of the cooler housing as this could create a fire or electric shock hazard.**



**WARNING! Do not attempt to open or repair the cooler yourself. Doing so could void the warranty and cause damage or personal injury.**

Omega Altise products are distributed in Australia by Hagemeyer Appliances,  
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