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ABN: 78 006 222 055



ACN: 006 222 055

Congratulations on your choice of Evaporative Airconditioner!

*You will want top performance and maximum benefit from your Smallaire Airconditioner, as manufacturers, we understand this and suggest that you follow the maintenance steps below to ensure a cool comfortable summer.*

Please take a few minutes from your time to read this valuable information.

### **7 Steps to Pre – Winter Maintenance**

- 1st Step** Remove existing filters by lifting up from the bottom of the pad, pull towards you and ease out.
- 2nd Step** Turn off isolation switch inside the unit.
- 3rd Step** Turn off water supply to the unit.
- 4th Step** Remove drain plug and drain unit.
- 5th Step** Clean out base unit with a soft **cloth only\*** to remove residue.
- 6th Step** Fit calico cover over internal fan housing, draw pull-string cord and tie off.
- Final Step** Replace existing filters by carefully sliding them in and up to the fixed position.

*\* NB. Do not use detergent of any kind as the agitation of the pump will cause foaming and will run and damage your ductwork and ceiling, using detergents will also void your warranty.*

### **11 Steps to Pre – Summer Maintenance**

- 1<sup>st</sup> Step** Remove existing filters by lifting up from the bottom of the pad, pull towards you and ease out, gently hose down with clean water.
- 2<sup>nd</sup> Step** Remove Calico cover.
- 3<sup>rd</sup> Step** Replace drain plug.
- 4<sup>th</sup> Step** Turn on water supply and check float level with high level indicator.
- 5<sup>th</sup> Step** Turn pump and fan motors by hand to check that they are not seized or noisy.
- 6<sup>th</sup> Step** Turn ON isolation switch
- 7<sup>th</sup> Step** Replace existing filters by carefully sliding them in and up to the fixed position.
- 8<sup>th</sup> Step** Turn ON pump.
- 9<sup>th</sup> Step** Check filters that they are evenly saturated with water. If sections of the pad are not saturated, check location, remove filters and clean out water distributor jets.
- 10<sup>th</sup> Step** Replace existing filters.
- 11<sup>th</sup> Step** Run and test unit.

If a problem arises contact your supplier as he/she will be familiar with your situation or contact

Smallaire Pty Ltd the manufacturer of your Airconditioner.

# The Smaltaire Automatic Thermostat Control

## Introduction

The Smaltaire automatic thermostat control is a low voltage control for use with evaporative airconditioners. It has both manual and automatic modes of operation and provides full thermostatic control of the fan speed and pump with LCD graphics.

## Manual Mode

In manual mode the user has full control over the pump and fan operation. Temperature sensing is not used.



## Automatic Mode

When automatic mode is selected, the fan and pump operate completely under thermostatic control. In this mode, the temperature is set by using the COMFORT UP/DOWN arrows which has a nominal range of control from 19 to 32 degrees. After a set point is selected, the operation is as follows:

- When the temperature is lower than 1 degree below the set point, neither the fan nor pump will run.
- When the temperature reaches 1 degree below the set point, the pump will turn on for a 2 minute pre-cool cycle, then turn off and the fan will turn on at minimum speed.
- When the temperature reaches ½ degree above the set point, the pump will turn on and the fan will stay at minimum speed.
- When the temperature rises to ½ degree above the set point, the fan speed will start to increase, and will continue to slowly increase to its maximum speed at a 4 degree above the set point.

*Note: The pre-cool cycle which runs the pump for 2 minutes prior to the fan turning on, will happen only if the pump has been continuously off for more than 30 minutes.*

Key Press	Action
On/Off	Returns to the Off state.
Timer	Enter Timer Setup.
Mode	Transition to Manual Cooling Mode.
Up	Increase fan speed.
Down	Decrease fan speed.

## Time Delay Mode

The time delay mode allows either delayed turn off or delayed turn on. If the timer setting state is entered from the OFF state, a time to ON will be set. If the Timer setting state was entered from one of the other operating states, then a time to OFF will be set. The display indicates which is being set in the top part of the screen. The central part of the screen indicates the length of timer delay. The time may be set between 0 and 17 hours. Note that setting 0 hours will result in the timer being cancelled. When the timer expires, the control will return to the previous operating mode for an ON timer and return to the OFF state for an OFF timer.

Note that pressing the On/Off button in one of the operating states will cancel the timer.

Key Press	Action
On/Off	Cancel timer setup & return to previous operating state.
Timer	Enable timer with current setting.
Mode	Cancel timer setup & return to previous operating state.
Up	Increase time delay.
Down	Decrease time delay.

# Trouble Shooting

How do you know if your Airconditioner is working properly?

If you have an electrical odour of any kind, contact your electrician.

If your Airconditioner is not cooling,

- Check the water is turned ON

- Check the water supply is operating correctly

- Check that the base water level is up to the marker

- Check that your pump is operating

- Check that the isolation switch is turned on

- Check the fan is running smoothly

- Check all the filter pads are all evenly saturated with water (all over)

- Check and clean the water distributor holes above filters are clear

- Check with your local agent if you still have a problem

If your fan is not operating, please contact your electrician.

Please Note- In extreme humid weather conditions, your Evaporative Airconditioner may not work to its maximum efficiency.

TIP: You may find that you will receive greater benefit from turning your pump off and using the fan only.



# Smallaire Evaporative Airconditioner Warranty



The Airconditioner and its components are guaranteed against manufacturing defects and faulty materials for a period of 2 years from the date of original purchase.

The cabinet is guaranteed for 10 years from date of original purchase. The guarantee ceases if upon examination the Manufacturer determines that the cabinet is defective due to misuse, wear and tear, fire or accidental damage.

Should any fault in manufacture or materials be found, the purchaser should immediately communicate with the agent or supplier. In the event of any defect being disclosed in any part manufactured or supplied by the Manufacturer, the Manufacturer will repair free of charge such defective part subject only to the conditions of guarantee set out below.

These products guarantees are made between the Manufacturer and all owners of the goods provide only that when making a claim within the guarantee period, the present owner does produce the guarantee card and the purchase invoice of the original purchaser.

## *Conditions of guarantees*

1. All these guarantees only apply to the parts and components installed on the date of purchase in the Airconditioner/cooling system. The guarantees become invalid if such parts or components are removed and used in any other products or for any other purposes or if the unit is removed and refilled elsewhere.
2. Upon examination, the Manufacturer must see that the defect has not been caused by misuse, wear and tear, dirt, water, fire or accidental damage.
3. The Manufacturer is not liable for labour or for any loss or expense arising from a breakdown of any parts for any consequential damages, direct or indirect, or for any repairs made or attempted to be made or damage in course of repairs being attempted, without the written sanction of the Manufacturer. Distributors or employees are not authorized to give any warranty or make any representation whatsoever, verbal or otherwise other than those contained in the above guarantee. To ensure protection under guarantee, purchasers should note that registration and serial numbers should not be removed or defaced.
4. When making a claim within the guarantee period, the owner must contact Smallaire agent/ supplier or Smallaire direct and have the attached guarantee record duly completed together with the original invoice for inspection by our serviceman when he calls.

*Note: A charge can be made for a serviceman's visit if it is found that the airconditioner is functioning correctly. This charge even applies during the Warranty period.*



This equipment has been tested and found to comply with AS/NZS 1044 limits for electromagnetic interferences. Any modifications to any part of the system or to any peripherals may void the EMC Compliance of the system or the peripherals.



Your local agent:

# Smallaire Evaporative Airconditioner Warranty Card

## TO BE RETAINED BY THE CUSTOMER

Please take a minute to complete the following information and keep with your original invoice if Warranty claim required.

### Customer Details

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Suburb/Town: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone Number: (\_\_\_\_) \_\_\_\_\_

### Airconditioner Details

Serial Number: \_\_\_\_\_

Model Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_ \ \_\_\_\_\_ \ \_\_\_\_\_

### Installer/Plumber Details

Name of Plumber/Installer \_\_\_\_\_

Contact Phone number: \_\_\_\_\_

Thank you



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\*No Claims, representations or warranties, whether express or implied, are made by Smallaire Pty Ltd as to the safety, reliability, durability and performance of any of our companies' products. Furthermore, Smallaire Pty Ltd accepts no liability whatsoever for the safety, reliability, durability and performance of any of our companies' products nor the effect of the misuse or misrepresentation of our companies' products.

\*Warnings & Installation Labels are provided to assist in the installation process. For Hydraulic Blower installations, consult your Hydraulic Technician for hose sizes and oil supply capacities.

\*Smallaire Pty Ltd accepts no liability in the circumstance that products have been incorrectly fitted\*.