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## Shutdown your Evaporative Coolers for Winter



**Evaporative AC Shutdown: For Safety and Savings**

Now that Adelaide is experiencing colder and wetter weather, you need to give your evaporative air conditioner an **end of season shut-down**. Not only will this improve the heating efficiency of your home, it can increase the life and long-run performance of your cooling system. Frequent use over Summer can wear the components of your evaporative system, affecting long-term reliability and efficiency, all this should be checked at Shutdown.

**Dirt and grime** entering your unit over the course of a year and scale build-up from Adelaide's hard water, can also affect your cooler. Dirt and scale on your pads decreases water absorption and evaporation, reducing its ability to cool. Over time, materials stuck on your pads can cause them to lose their shape, drastically reducing performance, potentially leading to problems in the main unit and water damage inside your home. Electrical faults within evaporative air conditioners have been known to cause dangerous roof fires, with the added danger of your unit's ducting will provide a conduit for the flames to spread throughout your home. Shutting Down for Winter is critical for Evaporative AC's.

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**sharpe info+ on Evaporative Pads**

Although filter pads would appear to be of good condition, sometimes over a span of years, efficiency has been lost due to a breakdown of the actual construction of each fibre and a clogging of strands of fibre by mineral deposits leached from the water, and airborne dusts.

Between 20 - 40% efficiency is lost over a 12 month period, so replacement of pads for maximum coolness during our hottest days, is most desirable.

For maximum efficiency we recommend changing of Aspen Woodwool filter pads every 18 months - 2 years, and CELdek pads 2 - 4 yearly, providing pads have been cleaned on a regular basis to prevent build up of deposits.

To prolong the life of your pads, you could turn off the cooling cycle (pump) 5-10 minutes prior to shutting down the fan. This helps to dry the pads out before the unit is shut down, therefore preventing a suitable environment for algae (which can cause an unpleasant smell) when there is no airflow.

The most important way to prolong the life of your pads is to shutdown the evaporative air conditioner for Winter.

Book your end of season Evaporative Air Care Service

[sharpe-ers](#) 131 750

**Signs and Symptoms:**  
Evaporative AC Problems

- When you turn on your Evaporative unit, it emits an unpleasant smell
- Does your unit sometimes have difficulty starting?
- It only produces room temperature air?
- Has there been a gradual reduction in the amount of airflow?
- Has your unit started consuming significantly more water?



**Select from our Worry Free Home Service Pack**

- Evaporative Air Care Service
- Reverse Cycle Air Care Service
- Electrical Safety Inspection
- Plumbing & Hot Water Inspection
- Gas Appliance & Heating Inspection
- Solar Inspection & Panel Clean

**Water Meter**  
Used by Sharpe Air Care Technicians to assess the efficiency of the pump in your evaporative unit.

Written report provided on completion

## Call Your Local Technician ▶ We Arrive Quicker

# Freecall... 1800 131 750

Diagnose • Repair • Changeover • Upgrade • Install

### Air Care

Diagnose & Service

- Reverse Cycle • Evaporative
- Worry Free Service Agreements
- Ducted, Split Systems & Room Airconditioners
- Filter Pad and Pump Replacement

ACCREDITED MASTER ELECTRICIAN



### Refrigeration

Appliance Repair

- Fridges, Freezers, Ice Makers, Insinkerator
- Washers Combos Front, Top and Angle Loaders • Dryers
- Dishwashers, Dish Drawers
- Stoves, Hotplates, Gas & Electric

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### Plumbing

Water Emergencies

- General Plumbing & Repairs
- Taps, Toilets & Basins, Fixed or Fitted
- Blocked Drains, Burst/Leaking Pipes,
- Hot Water - Gas, Electric, Solar Supplied, Replacement/Changeover

Master Plumbers



### Heating

Hot Water Changeover

- Gas Work • Stoves, Elements
- Gas Leak Detection
- Gas Appliance Repairs
- Ovens, Cookers, Hobs/Burners, Igniters
- Gas Heating Wall, Floor, Ducted and Space Heaters
- Electric Stoves & Ovens
- Hotplates, Rangehoods

### Electrical

Power Emergencies

- Safety Inspections, Safety Switches
- Electrical Powerpoints, Surge Protection, Smoke Alarms, Ceiling & Exhaust Fans
- Power Switchboards, Mains, Rewires
- Lights High Efficiency LED, Sensor Lights

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### Solar System Breakdown

- New Power and Hot Water Systems
- Accredited CEC Electricians
- Inverter SAPN Grid Connect
- PV Metering - Switchboard Setup • Insurance Work
- Solar Safe Agreement
- Panel Clean, Performance Check/Test

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