

EAC420 EVAPORATIVE COOLER



REGULAR MAINTENANCE

- Turn off power and unplug the unit before performing any maintenance.
- The use of detergents or solvents will damage the unit.
- Do not spray water on the front of the unit.

Perform all maintenance and cleaning in an outdoor area. Once each week loosen the drain plug and empty all water from the unit. Rinse side and back panels with gently running water, tighten up the drain plug, then refill. At the end of the season loosen the drain plug, empty all water from the unit, rinse tank, side and back panels with gently running water then leave empty to dry out. Cover the unit to keep dirt and dust out. At the start of the new season uncover and rinse the side and back panels with gently running water. Remove the back panel and water pads and check there are no foreign bodies or obstructions in the tank. Flush with running water. Tighten the drain plug, replace the back panel and refill the unit. After being stored or after prolonged use there may occur an odour from the unit. This is normal and can be mitigated by emptying, rinsing and refilling the unit. The addition of a few drops of Eucalyptus or Tea Tree oil to the water can help remove any smells as well as help to keep the unit clean.

PUMP MAINTENANCE

1. Turn off and unplug the unit.
2. Drain all water from the tank.
3. Remove the mesh filter from each side.
4. Undo the two now exposed screws on each side.
5. Undo the three screws on the back at the top of the unit.
6. Lift and remove the back panel.
7. Remove the paper water pads.
8. The pump is held in place with suction cups and a saddle clamp. Undo the screws to the saddle clamp. Gently lift the pump from the bottom of the unit.
9. Carefully pry the front cover off the pump, the end the hose connector is at.
10. Twist to unlock the cover plate.
11. Check the impellor, cover plate and hose connection for obstructions. The impellor can be removed with a pair of long nose pliers.
12. After cleaning, reassemble the pump and fix back in place.
13. Fill, clean and empty tank twice. Making sure there is no debris in the water.
14. Plug the unit back in and turn on and make sure pump is "Humming".
15. Replace everything in reverse order.
16. Fill tank, plug in and turn on unit and check for water flow. This can take up to one minute.