

Evaporative Cooler - (Non Remote Housing)

| Last Issue Date: 03/11/2020 | | Type Of Service | | | | |
|-----------------------------|---|-----------------|---|---|---|---|
| Activity | | A | B | C | D | E |
| 1 | ELECTRICAL: a) Carry out a visual inspection for obvious damage to the equipment. b) To the unit frame and pump shaft test the earthing continuity to AS3000 (hard wired). Note: The tests are to be done before & after isolation, & after re-instatement. | | Y | Y | Y | Y |
| 2 | Check condition of unit especially for signs of corrosion, wear and damage, including alignment and tension of pulleys and V belts. | | | | Y | |
| 3 | Remove filter frames check and clean filter pads and frames. If pads require replacement inform client and obtain client approval before replacing them. | | | | Y | Y |
| 4 | Clean basin thoroughly and refill with water to correct level. | | | | Y | Y |
| 5 | Check and clean water distribution channels. | | | | Y | Y |
| 6 | Check float assembly for correct operation. | | | | Y | Y |
| 7 | Check water supply especially for leaks. | | | | Y | Y |
| 8 | WATER PUMP: a) Check the operation of the unit including pump, bleed rate and drainage. When required clean drains. b) Check the hose between the pump and water distributor for free running water. Replace any damaged or clogged up hoses. Note: Calcium build-up is common in areas with hard water (quality). | | | | Y | Y |
| 9 | Check ductwork, flexible connections, roof penetrations. | | | | Y | |
| 10 | Check alignment and tension of pulleys and V belts. | | | | Y | |
| 11 | Where necessary due to dusty conditions insert cover at end of the cooling season. | | Y | | | |
| 12 | For units with no automatic dumping valves, empty water basin, clean basin thoroughly and leave empty. | | Y | | | |
| 13 | For units with no automatic dumping valves, empty water basin, clean basin thoroughly and refill with water to correct level. | | | Y | | |
| 14 | Record the results in the logbook and submit a customer report to the FMSP. | | Y | Y | Y | Y |

Disclaimer - This TDS is intended to provide guidance only to support Preventative Maintenance servicing activities. All TDS users are encouraged to read and understand the full [Conditions of Use](#) provided on the final page of this document and on the DPTI website.

For more information please contact the applicable Facilities Management Service Provider.



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Special Comments and Technical Data

B SERVICE END OF SEASON AND FOR UNITS WITH NO AUTOMATIC DUMPING VALVES OR WHERE DUST COVER IS REQUIRED.

C SERVICE DURING THE SUMMER HOLIDAYS AND FOR UNITS WITH NO DUMPING VALVES.

D SERVICE AT BEGINNING OF COOLING SEASON, TIMING DEPENDS ON SITE CONDITIONS. ONLY THIS SERVICE IS REQUIRED IF THE WATER QUALITY IS SIMILAR TO ADELAIDE AND THE UNIT HAS AN AUTOMATIC DUMPING VALVE.

E SERVICE FOR UNITS USING POOR QUALITY WATER, FREQUENCY OF SERVICE DEPENDS ON SITE CONDITIONS AND TO BE UNDERTAKEN DURING THE COOLING SEASON.

NOTE: FILTER PADS REPLACEMENT REQUIRES AGENCY APPROVAL AND THE COST IS ADDITIONAL TO THE ROUTINE SERVICE.

SERVICE ACTIVITIES AND FREQUENCIES MAY VARY DEPENDING ON SITE CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS.

APPLICABLE LEGISLATION: MINISTERIAL BUILDING STANDARD MBS 002 - MAINTAINING THE PERFORMANCE OF ESSENTIAL SAFETY PROVISIONS, PUBLIC HEALTH (LEGIONELLA) REGULATIONS, AS3666.2.

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2 of 3

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