

5.0 Maintenance and storage

⚠ WARNING

ELECTRICAL SHOCK HAZARD

Disconnect the power supply before performing any service or maintenance on the unit. Failure to do so may result in serious injury or death.

5.1 Removing the cooling media to access the inside of the unit

In order to perform any maintenance on internal components, the cooling pads must be removed to access the inside of the unit.

1. Remove the bolts connecting the pad retainer bar (pad-side) from the housing.
2. Remove top pads on CS6-36 and CS6-50 units.
3. Tilt pads from the top; lift out of the unit.

Note: Reinstall pads correctly according to the markings on the pads.

5.2 Daily maintenance

IMPORTANT

When shutting down the COOL-SPACE unit at the end of each use, the pump should be turned off approximately 15 minutes before the fan is turned off. This will allow the pads to drain and dry out. To avoid disfiguring the housing the unit should be drained after every use. These simple guidelines will ensure long and efficient pad life as well as help to control mildew and bacteria growth, and unit longevity.

5.3 Periodic maintenance

⚠ WARNING

ELECTRICAL SHOCK HAZARD

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Depending on how often the COOL-SPACE unit operates, this procedure should be performed anywhere from every week for heavy use to monthly for light use. Shut down the unit and drain the water sump. The cooling pads act as a filtering agent and remove dust and other particles from the incoming air stream. These particles will flow into the sump and collect there. Water impurities in the water will also collect in the sump. Maintenance tablets are available at www.cool-space.com.

Draining the Water Sump

1. Close the water flow valve and open the drain valve or remove drain plug located at bottom of reservoir.
2. Run pump until sump is dry then immediately shut off pump.
3. Turn unit off and disconnect the power supply.
4. Remove cooling pads, refer to section 5.1.
5. Clean out reservoir with either a towel or wet/dry vacuum.
6. Remove the water spray bar and its plug. Insure holes are free of debris.
7. Reinstall pads and pad retainer.

To keep the COOL-SPACE unit operating at peak efficiency, ensure that the cooling pads are kept clean and dust-free. Dust and other particles have an adverse effect on the media's ability to introduce water into the air stream. If the pad surface becomes dirty or dusty, clean with a soft brush and water.