

KÜÜL® PADS

SETTING THE STANDARD IN EVAPORATIVE COOLING MEDIA

KÜÜL® evaporative cooling media is manufactured in the USA by Port-A-Cool, LLC

Maintenance Guide

KÜÜL® pads are a durable and long lasting cooling media. Following are suggestions that will maximize the life and efficiency of the cooling pads.

- Port-A-Cool, LLC, recommends that the **pH** of the water be maintained at a **level between 6 and 8**. Exceeding these limits will seriously deplete the resin content of the pad and thus reduce its structural integrity.
- Remove and brush pads with a soft bristled brush and then **flush system to remove debris**. This should be done every 4 to 6 weeks during operating season.
- A **clean water distribution** system is the most important aspect for maintaining the entire evaporative cooling system. This, coupled with quarterly inspection/maintenance checks, will ensure a properly operating evaporative cooling system.
- **Frequently check system** for damaged or clogged cooling pads.
- **Minimize** the number of **on/off wetting cycles** for the cooling pads.
- Completely **dry the cooling pads** once every 24 hours.
- Maintain a **water bleed off** rate of 3-5% per day.
- Ensure sump tank is enclosed and cleaned bi-weekly.
- Clean water filters weekly.

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Algae Growth and Mineral Build-up: Prevention Guide

Algae Growth

Algae will grow on any surface that is wet and exposed to direct sunlight. Following are suggestions that will aid in the prevention of algae growth on your KÜÜL® pads.

- Dry the pads at least once every 24 hours.
- Keep the pads and sump shaded from direct sunlight.
- Use an algaecide (i.e. *Evap XL™*).
- Identify and eliminate sources of nutrients in the water.
- Completely flush system every 4 to 6 weeks during the operating season.
- DO NOT use chlorine at levels that exceed 1ppm (parts per million).

Mineral and Scale Build-up

When water has a high mineral content, scale and mineral deposits form throughout the cooling pad. In order to aid in the prevention of mineral build-up follow these tips:

- Maintain the water at a pH level between 6 and 8.
- Avoid or minimize on/off wetting cycles.
- Use a daily water bleed off rate of 3-5%.
- Use a mineral prevention aid.
- Increase the amount of water flowing over the face of pads.

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