

ECODYNE

Cooling Tower Review

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Hudson Fan – Product News

Hudson Fans has announced changes to their product line that may impact your operations.

Hudson has announce that a new protective coating paint will now be applied to all Tuf-lite II, the blue “H” blades, and the Tuf-lite III, the green “K” blades. The new coating utilizes a high loading of titanium dioxide which results in a textured surface more resistant to UV attack, nicks, scratches and abrasions. This will lead to a longer blade life

If you are operating the Tuf-lite III, “K” fan blades, which are green, in the 22, 24, 26 and 28 foot diameters, you must take care in the replacement of individual blades. In these specific sizes the new “white” blade is manufactured to a different moment balance than the original green blade. Due to the different moment balance the blades are not individually replaceable. In these sizes they must be replaced in pairs to ensure proper fan balance. If the existing fan contains an odd number of blades, and one or more blades needs to be replaced, dynamic field balancing will be required or all blades replaced to ensure proper fan balance.

Shipment of new Tuf-lite III, K blades, in the 22, 24, 26 and 28 foot sizes will come with a sticker attached alerting field personnel on the change in moment balance on all blades manufactured after 09-12-06.

If you operate the Tuf-lite III, K blade in the 30, 32 and 10 meter fan sizes, there will be no change in the moment balance between the green and the white blade.

For very special applications on a case by case basis, the original blue and green blades may be produced at a substantial price add. Factory review and approval required for this to occur.

The new white coating will not be applied to the original Tuf-lite blade which is black in color.

*For After-Hours, Weekends and Holiday Emergency Service call us at 1-888-326-3963
Website: www.ecodynecoolingtowers.com*

Gear Replacements

Ecodyne offers Amarillo Gear's "A Series" of gears which are direct replacement for many Marley gear units which provides you, the user, with an alternative quality gear if you need to replace your Marley Gear Unit.

Additionally, Ecodyne can provide engineered adapter plates which will allow you to change out many older gears like Western and Philadelphia, with drop in standard Amarillo replacement units. However, in this situation proper review of the connecting components such as the coupling assembly and fan must be addressed.

Contact Ecodyne directly and our trained and experienced personnel will walk you through the issues needing to be addressed. Ecodyne can provide you with a review which will identify the interface changes and provide cost-effective solutions for your consideration. These changes may be as simple as a bushing change to match the new gear shaft diameters or an upgrade to a whole new advanced composite assembly.

TOWER OPERATING REVIEW

Spring is just around the corner. Now is the time to review your cooling tower and Air Cooled Heat Exchanger (ACHE) spare parts supply so you are ready with needed parts for the coming cooling season.

As Spring approaches, your cooling equipment needs to be closely inspected to assess any component damage incurred over the winter season. Damaged components identified will need to be replaced. A review of your spare parts is now in order to ensure you are prepared with the necessary new components.

Contact the trained Ecodyne representatives for assistance in securing the replacement parts. Doing this review now will ensure you are prepared when the need arises and procurement process is completed before the demands of the summer construction periods impact the suppliers.

Service and Support of Cooling Towers Worldwide

- **New Towers**
- **Reconstruction**
- **Thermal Upgrades**
- **Preventative Maintenance**
- **Spare Parts**
- **Inspections**
- **Performance Testing**
- **Consulting**

**Contact the
Ecodyne
representative
nearest you.**