

# Take the heat off your ethanol operation.



## Keep fermenters cool and ethanol yield high with Cooling Water System Optimization from Buckman.

As the season heats up and humidity rises, so can process temperatures and costs. Buckman's Cooling Water System Optimization program can keep fermenter heat exchangers cleaner so you can keep fermenter temperatures under control in even the hottest months, preventing undue stress to the yeast and to your systems.

You can look to Buckman for a wide range of other cooling water solutions, too, each designed to save water and energy and reduce downtime and maintenance. With Buckman, your plant won't overheat and neither will your budget.

## Advanced applications for cooling systems throughout your plant.

**Buckman's Cooling Water System Optimization** can make your entire ethanol plant not only more efficient but greener too. It's about minimizing energy and water consumption at every point while maximizing productivity. Look to Buckman for comprehensive solutions in all these critical areas:

- Cooling towers
- Chillers
- Ferm coolers
- Mash coolers
- 190 condensers

### A comprehensive approach

We troubleshoot, monitor performance, and apply proven chemistries that enable your equipment to run better longer. You can rely on Buckman to:

- Monitor and control corrosion, scale and deposition
- Reduce blowdown to conserve water
- Provide ATP testing
- Determine biocide efficacy
- Control microbiological fouling
- Successfully manage multi-metal systems
- Extend equipment life and reduce costs
- Provide efficiency evaluations
- Perform inspections and offer analytical support

### Complete support you can depend on

In addition to accurate testing and dosing, Buckman offers advanced ESP data management. Our ESP data management program lets us analyze data and trends to help with decision-making and gives operators an accurate look at all critical parameters. We're committed to providing effective

training, too, so your people have the skills they need to get the most value out of every piece of equipment.

### Learn more

To bring a new level of efficiency and performance to your ethanol plant, find out more about Buckman's Cooling Water System Optimization programs. Contact your Buckman representative, or visit [buckman.com](http://buckman.com).



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