

MUELLER

# Untapped Energy In Your Brewery



Tanner Beers (yes, his real name) is head brewer at Anthem Brewery in Oklahoma City, Oklahoma. When Tanner noticed some contamination in his beer, he traced it back to a used Paul Mueller Company plate heat exchanger he had purchased on the open market. Because the used plate heat exchanger came from an unknown source, there was no way to know if it was configured for a brewery, what kind of parts had been replaced on it, or what the previous owners used to clean the plates. Tanner called us up and talked to Marilyn Parrish in our Accu-Therm® product group. Marilyn was able to help Tanner track down the origin of the unit.

**“Everything worked the way Mueller said it would.”**

It was a dairy farm equipment plate heat exchanger from 2001! Marilyn also called in Paul Mueller Company application engineer Victor Shafer. Victor helped Tanner identify the leaky plate causing the problems, plus he went a step further and talked to Tanner about his entire brewing process. During this consultation Victor was able to identify that Tanner’s chiller compressor was running constantly, wasting electricity. Victor came up with a plan where Tanner could use city water to cool down the wort as a first step in decreasing the chiller compressor runtime. In addition, a new heat exchanger plate pack was recommended that would be much more efficient in Tanner’s brewery than the 15-year old pack he was currently using.

“I was appreciative they called and talked me through some energy efficiency options that I wasn’t even aware of,” said Tanner. “Everything worked the way Mueller said it would and I was able to knock out my brewing process 20% faster than before all while keeping the glycol cooler and the hot water hotter.”

Tanner expects the energy savings to continue to add up over the lifetime usage of his upgraded cooling system, thanks to the advice and the new plate pack from Paul Mueller Company. Cheers!

To hear more of Tanner’s story go to: <http://academy.paulmueller.com/why-a-heat-transfer-consultation-can-help-your-business>

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