



**MUELLER**

## TRADITIONAL MILK COOLING

**MILK COOLING SOLUTION FOR <150 COWS**

We're committed to improving milk quality,  
storage, and cooling.

Learn more at [\*\*PaulMueller.com\*\*](http://PaulMueller.com).



# THE COOLING SOLUTION FOR YOU

*When cooling milk on a farm with fewer than 150 cows, you need reliable equipment and tried-and-true processes to produce the highest quality milk.*



## WHERE IT ALL STARTED

Providing the best dairy milk cooling solution is what Paul Mueller Company set out to accomplish in 1955. With over 65 years of experience under our belts, we have perfected a system that is ready to work long and hard on your farm. A Mueller® milk cooling solution supplies efficiency, protection, and quality for your process.



## THE SYSTEM

For farms with less than 150 cows, traditional milk cooling consists of a five-step solution: precooling, storage, tank cooling, heat recovery, and wash. Milk is precooled to within two degrees Fahrenheit of your well water temperature prior to being stored in a milk cooler. The E-Star® HiPerForm® condensing unit removes the remaining heat from the milk and distributes it back into your Fre-Heater® providing around 145°F free hot water. After the milk hauler has picked up the milk, the HiPerForm *plus* wash control and its fully customizable programs will take it from there.



## LONGEVITY OF USE

Your devotion to your farm isn't short term and neither is our equipment. We design and engineer our milk cooling and storage solutions to keep your dairy farm operations running strong today and for generations to come.



# Traditional Milking



## **A E-STAR HIPERFORM EVC CONDENSING UNIT**

In a traditional milking system, refrigeration systems must be sized right and reliable. The E-Star HiPerForm EVC is designed specifically for traditional dairies and the rigorous demands of cooling large volumes of milk in a short period of time.

## **B MODEL “D” FRE-HEATER®**

For the most sustainable heat recovery, our Fre-Heater captures the system's excess heat energy generated from the E-Star connected to your milk cooler. This reduces waste and generates free heat for your hot water heater.

## **C MODEL OH MILK COOLER**

The Mueller Model OH milk cooler is the most popular bulk tank system worldwide and is equipped with all the essentials: strategically-placed and efficient cooling panels, a self-contained clean-in-place system, and our industry-leading service and reliability.

## **D HIPERFORM PLUS COOLING AND WASH CONTROL**

The HiPerForm *plus* cooling and wash control with MilkSecure™ technology built inside works with a cloud-based interface to report the status of milk cooling systems to dairy producers, including milk volume, milk temperatures, equipment alerts, and more.

## **E ACCU-THERM® PLATE COOLER**

Use your existing water supply to cut refrigeration costs with our multi-duty plate cooler. This ensures that you have energy-efficient, rapidly cooled milk entering your bulk tank.

## **GROVES-VIEW DAIRY, A CENTURY FARM IN SOUTHWEST MISSOURI**

“Since adding the Mueller E-Star units, temperatures are holding within 2° after the first milking. Plus, we expect a 30% increase in energy efficiency.”

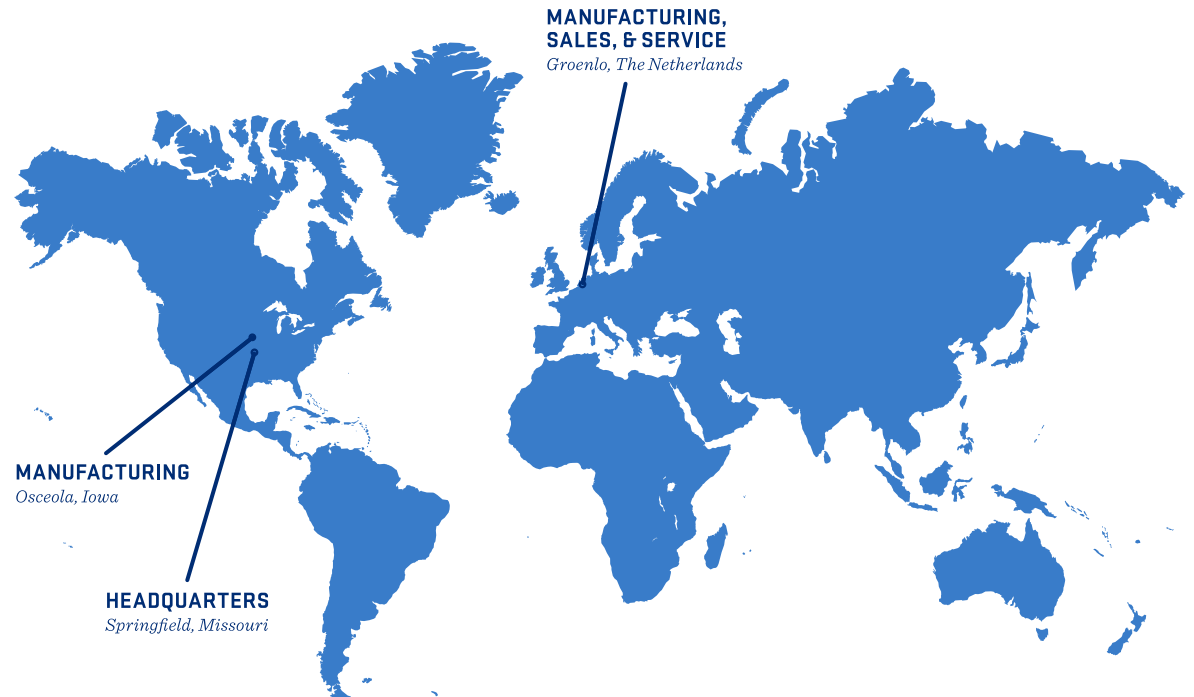


# PAUL MUELLER COMPANY



Paul Mueller, Our Founder

At Paul Mueller Company, we are united by a belief that the only quality that matters is quality that works for life. With every piece of processing equipment we build, our goal is to have lasting impact. This collective vision has led us from a small sheet metal shop to a global supplier of heating, cooling, processing, and storage solutions. Our equipment allows farmers, brewers, and engineers to keep their products fresh and their inventory strong. Whether our equipment preserves milk in rural areas or helps manufacture medicine with broad health benefits, we are making an impact across the globe.



## Cooling the World's Milk

The commitment and prosperity of local dairy farmers lays a foundation for strong communities around the globe.

dairyfarm@paulmueller.com  
**1-800-MUELLER | PAULMUELLER.COM**

©2021 Paul Mueller Company I DFESGF TMCS-001

**MUELLER**