

COMPACT CHILLERS



EXTRA COOLING POWER FOR YOUR DAIRY FARM

Boost your instant cooling
and precooling efforts.

Learn more at [PaulMueller.com](https://www.PaulMueller.com).

MUELLER

MUELLER[®] COMPACT CHILLERS

Because producing the highest quality product possible is your goal.

STANDARD FEATURES

- Mueller compact chillers have a **tiny footprint** and require less than 14 square feet of space.
- The unit, **designed to cool varied milk flow**, adjusts to your operational needs.
- **Factory assembly** reduces installation costs.
- A **3 horsepower circulation pump** and **90-gallon insulated reservoir** provide ample capacity to get the chilling job done.
- **Dual flow switches** serve as an operational safeguard
- **Two brazed plate heat exchangers** remove heat from the cooling fluid as it circulates.
- Because **refrigeration unit operation is only required while milking**, operating costs remain low.
- Mueller compact chillers paired with E-Star[®] HiPerForm[®] condensing units **enhance your instant cooling and precooling efforts**.



COMPACT CHILLERS

When you use a Paul Mueller Company compact chiller in conjunction with a Mueller[®] Accu-Therm[®] plate cooler, also known as a plate heat exchanger, you can either instant cool or precool your milk, depending on the milk flow.

Mueller's compact chiller cools a glycol solution that circulates through the Accu-Therm plate cooler. The chilled-glycol circulation loop cools the milk and warms the chilled solution. The warmed solution is then returned to the reservoir to start the chilling cycle over.

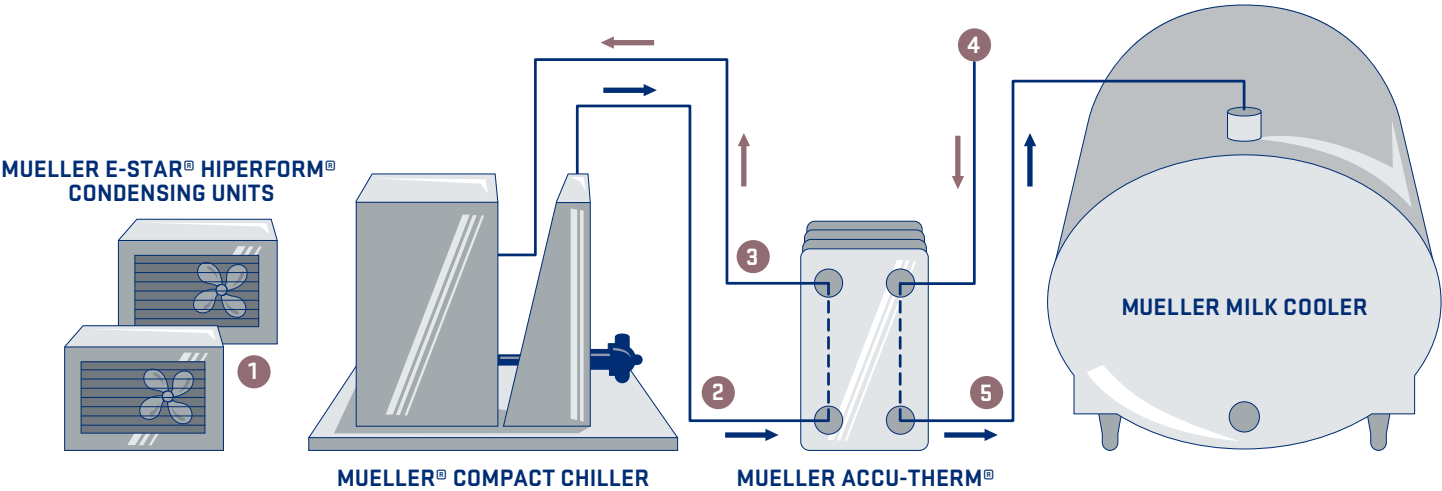


MUELLER MULTI-STAGE CHILLER CONTROL

- Programmable, 24-volt electronic temperature control with dual digital temperature displays and sensors
- Up to 10 independent stages of refrigeration control, including heat/cool modes and independent setpoints
- High- and low-temperature alarms
- Chilled water flow alarm
- Fused control circuit
- Starter/contactors for recirculation pump
- Remote start compatibility
- Touchpad programming

REFRIGERATION AND WATER FLOW DIAGRAM

- 1. Refrigeration units for chiller
- 2. Cold chiller glycol solution to the plate heat exchanger
- 3. Return solution to the chiller
- 4. Warm milk to be cooled
- 5. Cooled milk to the storage tank



TECHNICAL SPECIFICATIONS

MODEL NUMBER²	HEAT EXCHANGERS	CONDENSING UNITS	DIMENSIONS		
			LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)
CP2-10	2	(2) 5 hp	52	31	54
CP2-20	2	(2) 9 hp	52	31	54

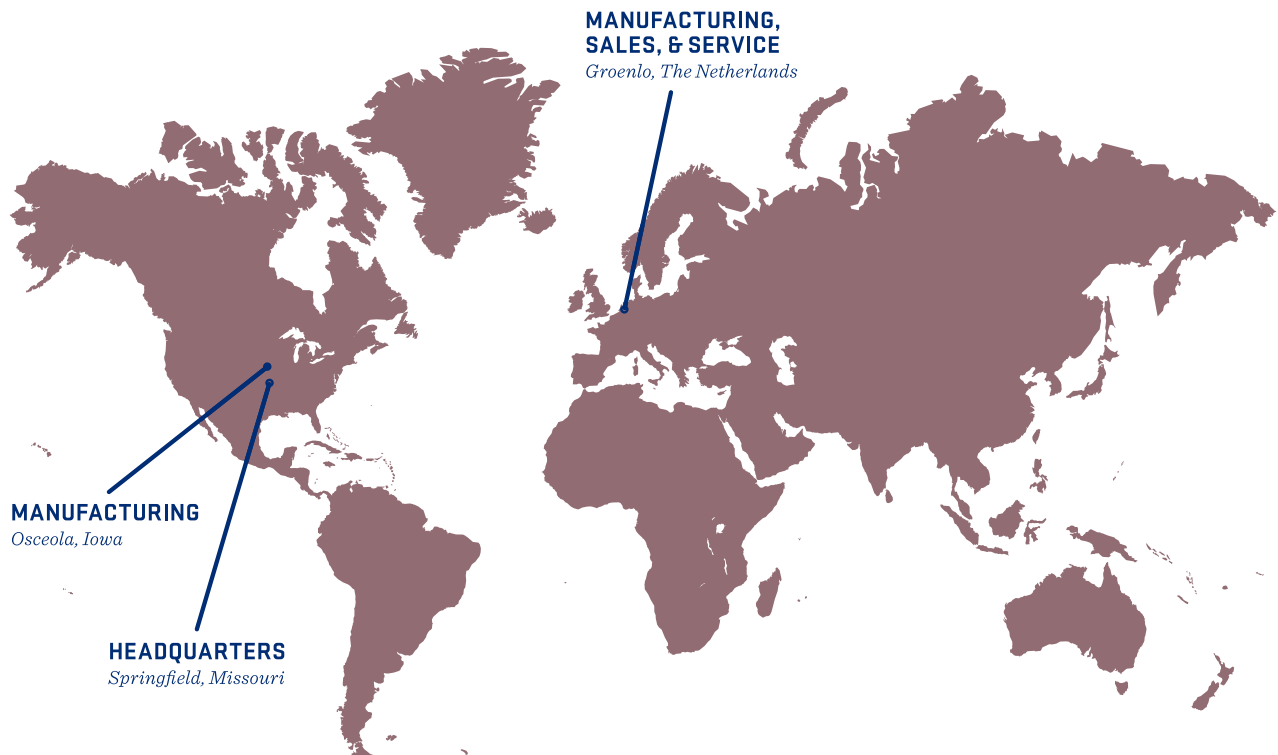


Paul Mueller, Our Founder



PAUL MUELLER COMPANY

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.

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