

PAUL MUELLER, OUR FOUNDER



At Paul Mueller Company, we are united by a belief in quality that works for life. Our goal is to have lasting impact with every piece of processing equipment we build. This collective vision has led us from a small sheet metal shop into 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.



Choose Mueller® Milk Coolers for the Long Haul

You want quality equipment cooling and storing your source of income, and Mueller® milk coolers set the industry standard. Paul Mueller Company milk coolers are known for dependability and durability, so you can count on years of trouble-free performance. Our coolers also provide low operating costs, precise temperature control, and a wide range of standard features. Mueller milk coolers protect your milk and your peace of mind.

Mueller milk coolers are built of polished stainless steel for durability and ease of cleaning. Our milk coolers feature double-wall construction to maintain temperatures and use our exclusive Mueller Temp-Plate® heat transfer surface for maximum cooling capacity and low energy costs. Mueller milk coolers are available in sizes from 500 to 8,000 gallons to suit the needs of both large and small dairy operations. Heavy-duty agitators and automatic washing systems are standard features. Our milk coolers can even be adapted to your operational needs with a broad selection of Mueller refrigeration systems and control panels providing the most suitable range of features.



Standard Components

Washing System

The cooler-mounted wash pump, clean-in-place (CIP) piping, and spray dishes work together to provide the cleanest and most durable wash-ready system on the market. These components work in conjunction with the agitator(s) and Mueller control package to quickly prepare your milk cooler for another load.

Agitation System

The agitation system ensures proper blending and even temperature distribution of milk prior to and during milking, as well as during sampling. The agitator assembly consists of a gear drive and a paddle with a milk-sweep design. A single, heavy-duty gear drive is supplied with 2,700-gallon and smaller milk coolers, and two heavy-duty gear drives are standard on 3,000-gallon and larger coolers.



Features and Benefits

- Highly-polished **Type 304 stainless steel construction** provides durability and cleanability in an attractive package.
- An **inner liner with the exclusive Mueller Temp-Plate® heat transfer surface** maximizes refrigeration efficiency.
- **Insulated, double-wall construction** maintains high thermal storage efficiency.
- **Available in sizes from 500 to 8,000 gallons**, our options let you choose a unit tailored to your specific storage capacity requirements.
- An **automatic cleaning system** provides precise, controlled cycles and chemical dispensing.
- **Adjustable, beam-profile legs** ensure uniform weight distribution on level or uneven surfaces.
- The **personnel access assembly cover swings to the side** for easy inspection of milk and servicing tank; seals tight to keep milk sanitary.
- A **stainless steel ladder on 800-gallon and larger models** allows safe access to the personnel access assembly cover during inspection and service.
- Built to exact specifications, our **coolers meet or exceed all milk cooling and storage standards**.
- Our milk **coolers connect to all Mueller condensing units and control panels**, allowing you to choose the right components for your budget and operational needs.

MUELLER MODEL O MILK COOLER SPECIFICATIONS

Milk Cooler Size (gallons)	Length (in./cm)	Width (in./cm)	Height* (in./cm)
500	78 / 199	61 ¹ / ₈ / 156	54 / 138
600	90 / 229	61 / 155	54 ¹ / ₂ / 139
800	80 / 203	71 ⁵ / ₁₆ / 182	62 ¹ / ₂ / 159
1,000	102 / 259	71 ⁵ / ₁₆ / 182	62 ¹ / ₂ / 159
1,350	103 / 262	80 / 203	70 ¹ / ₂ / 180
1,600	121 / 308	80 / 203	70 ¹ / ₂ / 180
2,000	155 / 394	80 / 203	70 ¹ / ₂ / 180
2,000C	120 / 305	90 ¹ / ₂ / 230	80 / 204
2,700	155 / 394	90 ¹ / ₂ / 230	78 ⁵ / ₈ / 200
3,000	176 / 447	90 ¹ / ₂ / 230	80 / 204
4,000	196 / 498	97 ¹ / ₂ / 248	84 ¹ / ₈ / 214
4,000L	232 / 589	90 ¹ / ₂ / 230	83 / 211
5,000	196 / 498	107 ⁷ / ₈ / 275	93 / 237
6,700	228 / 579	118 ⁷ / ₈ / 302	102 ¹ / ₂ / 261
8,000	228 / 579	126 ⁷ / ₈ / 321	106 ³ / ₈ / 271

*This does not include agitator or vent assembly height.