

# MILK COOLERS

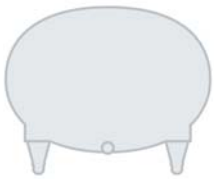


**MUELLER**<sup>®</sup>

THE MILK COOLING SYSTEMS SPECIALISTS<sup>™</sup>

# Mueller® Milk Coolers

The Quality Standard in Milk Cooling and Storage!



## Quality.

You want quality equipment cooling and storing your source of income

Mueller® milk coolers set the world quality standard. They're known for their dependability and durability, so you can count on years of trouble-free performance. Mueller milk 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. They feature double-wall construction to maintain temperatures and use our exclusive Temp-Plate® heat transfer surface for maximum cooling capacity and low energy costs. Mueller milk coolers are available in 13 sizes from 500 to 8,000 gallons to suit the needs of both large and small 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

### Automatic Washing System

An automatically controlled washing system cleans and sanitizes all milk contact surfaces and works through all standard wall-mount or optional (Sentry® III "OHF" cooler-mounted washing system) cleaning cycles. While wall-mount models feed chemicals from dispenser jars to the cooler, the Sentry III with automatic dosing feeds chemicals directly from chemical containers to the cooler. Water and chemicals are automatically fed from dispenser jars or the auto dosing option to the tank during appropriate cycles.

### Agitation System

The agitation system ensures the 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 coolers. Two heavy-duty gear drives are standard on 3,000-gallon and larger coolers.



## Features and Benefits

- Type 304 stainless steel construction. Highly polished stainless steel provides durability and cleanability in an attractive package.
- Inner liner with exclusive Temp-Plate® heat transfer surface maximizes refrigeration efficiency.
- Insulated, double-wall construction maintains high thermal storage efficiency.
- Available in 13 sizes from 500 to 8,000 gallons which allows you to buy a unit tailored to your specific storage capacity requirements.
- Built to exacting specifications that meets or exceeds all milk cooling and storage standards.
- Automatic cleaning system provides precise, controlled cycles and chemical dispensing.
- Adjustable legs with beam profile ensures uniform weight distribution even on uneven surfaces.
- Manway cover swings to side to provide easy inspection of milk and servicing of tank; seals tight to keep milk sanitary.
- Stainless steel ladder on 800-gallon and larger models allows safe access to manway cover during inspection and service.
- Connects to all Mueller condensing units and control panels, allowing you to choose the right components for your budget and operational needs.

Mueller Milk Cooler Specifications					
Milk Cooler Size	Average Calibration Capacity		Length in / cm	Dimensions	
	US Gallons	Liters		Width in / cm	Height in / cm
500	555	2,100	78 / 198	61 / 155	51 / 130
600	649	2,456	90 / 229	61 / 155	51 <sup>1</sup> / <sub>4</sub> / 130
800	823	3,115	80 / 203	71 <sup>1</sup> / <sub>4</sub> / 181	60 <sup>3</sup> / <sub>4</sub> / 154
1,000	1,057	3,785	102 / 259	71 <sup>1</sup> / <sub>4</sub> / 181	61 <sup>1</sup> / <sub>4</sub> / 156
1,350	1,372	5,193	102 / 259	80 / 203	69 <sup>1</sup> / <sub>8</sub> / 176
1,600	1,622	6,140	120 / 305	80 / 203	69 <sup>1</sup> / <sub>2</sub> / 177
2,000	2,096	7,934	155 / 394	80 / 203	70 <sup>1</sup> / <sub>4</sub> / 178
2,700	2,776	10,508	155 / 394	90 <sup>1</sup> / <sub>2</sub> / 230	79 / 201
3,000	3,157	11,950	176 / 447	90 <sup>1</sup> / <sub>2</sub> / 230	79 <sup>3</sup> / <sub>8</sub> / 202
4,000	4,069	15,403	196 / 498	97 <sup>5</sup> / <sub>8</sub> / 248	86 <sup>1</sup> / <sub>4</sub> / 219
5,000	5,111	19,347	196 / 498	108 / 274	93 <sup>3</sup> / <sub>8</sub> / 237
6,700	6,850	25,930	228 / 579	119 / 302	99 <sup>3</sup> / <sub>8</sub> / 252
8,000	8,330	31,532	228 / 579	126 <sup>5</sup> / <sub>16</sub> / 321	107 <sup>3</sup> / <sub>4</sub> / 274



**MUELLER**®

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