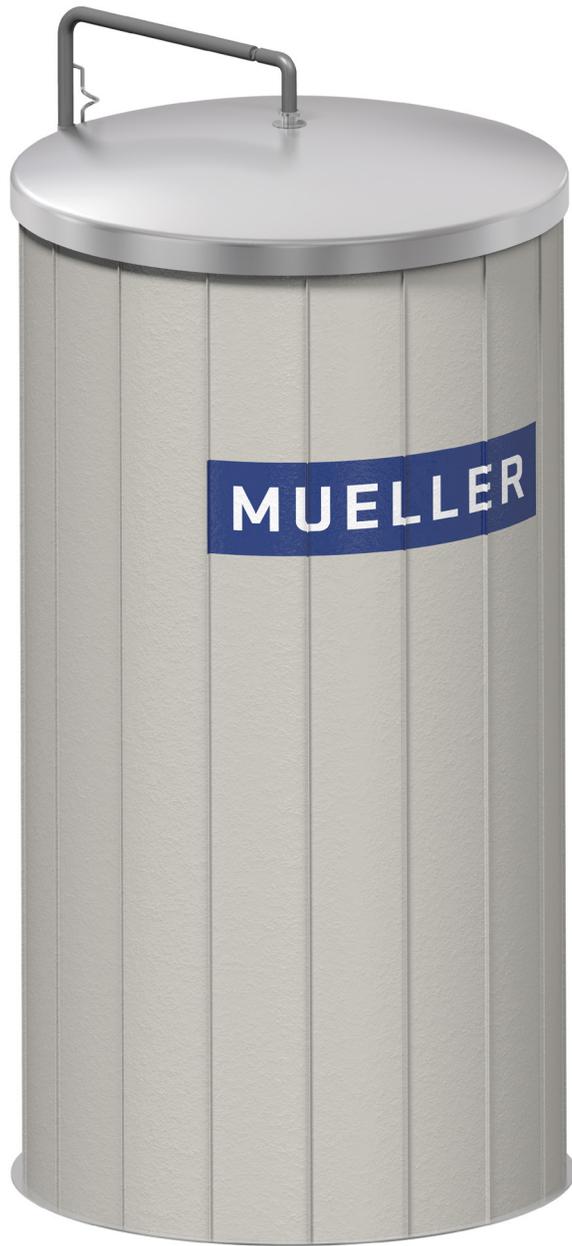


Milk Towers



MUELLER

Mueller[®] Milk Towers

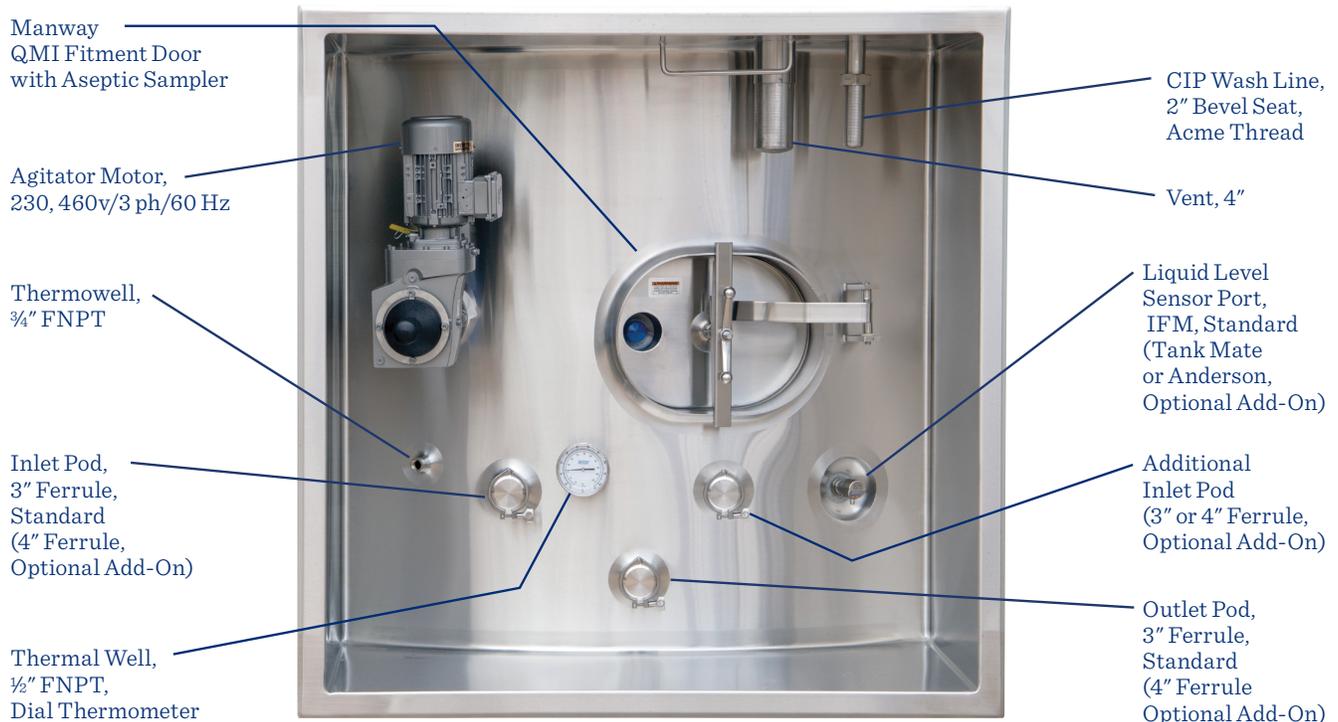
Protect Your Milk, Your Time, and Your Profits

You demand the best for your family, your herd, and your farm because you know these high standards allow you to invest in your future and achieve lofty goals. Apply these same exacting standards to the milk storage and cooling equipment on your growing dairy operation. Demand a Paul Mueller Company Milk Tower.

The Mueller[®] milk tower offers improved cooling capacity and enhanced features. Its inner tank incorporates Mueller Temp-Plate[®] heat transfer surface with a horizontal orientation. The heat transfer surface removes more heat from milk in the same amount of time when compared to other silos, and its increased cooling surface area allows optimal refrigeration at lower milk volumes. Reach maximum cooling efficiency and maintain temperature, even when the tower is not 100 percent full. A powerful, built-in evaporator supports temperature maintenance. The Mueller milk tower offers ultimate product protection, enabling you to deliver the highest-quality milk possible.

Stay in control of your product with increased storage capacity. Eliminate downtime and interruption of milking. Gain flexibility in pickup times. Complete other pressing tasks as they arise. With increased on-farm storage, you can avoid wasted product during inclement weather—when your hauler is unable to complete a pickup—and reduce transportation and labor costs to operate more profitably.

A standard 4-inch vent renders this milk tower capable of a faster empty rate than previous vertical tanks. Ideal for extra-large traditional and extra-large robotic dairy farm needs, Mueller milk towers, in six sizes ranging from 7,000 to 40,000 gallons, provide high-capacity milk cooling and storage where space is at a premium.



The alcove has a 60" x 60" inside dimension and measures 65" x 65" ($\pm 1/4$ ") x 20" deep.

Features and Benefits

- Our tower's **cylindrical, vertical-style design** has a 120-inch inside diameter (140" inside diameter on the 30,000- and 40,000-gallon towers). Its small footprint makes it a fitting choice for dairy farms with space constraints.
- The **inner shell, constructed with Type 304 stainless steel** (No. 4 finish), is crafted for maximum durability.
- The **well-insulated, embossed-aluminum outer shell** (ash grey and Mueller blue) has removable, two-foot wide panels to ensure easier access.
- An **all-stainless steel, bullseye-bottom base assembly** prevents rust and protects against fatigue.
- The tower's **mechanical, horizontal agitation**, powered by a hollow-shaft gearmotor, promotes even temperature throughout the tank.
- A thermowell holds a **dial-type thermometer** capable of measuring temperatures from 20°F to 120°F.
- The **IFM sensor well** (level) makes it simple to track the amount of milk in your tank using the measure of your choice: pounds, gallons, liters, etc.
- **Perforated, removable clean-in-sink vent screens** catch contaminants and serve to further protect your product.
- **Self-regulating heat tape** for clean-in-place (CIP) and vent lines, now included with every tower, helps prevent obstruction of the vent line in freezing conditions.
- The **alcove, manufactured with 12-gauge stainless steel**, has a No. 4 (3-A) interior finish that lets you clean with ease.
- A **stainless steel, insulated QMI fitment door** (15.5" x 20.5") includes an aseptic sampling device.
- A standard **high-capacity, 4-inch vent** is designed for a maximum fill or empty rate of 700 gallons (6,000 pounds) per minute. A 4-inch outlet connection is required.

OPTIONAL FEATURES

- Tank Mate or Anderson sensor well
- Additional 3" or 4" inlet connection
- Upgrade outlet to 4"
- Upgrade inlet to 4"

ADD-ONS

- 3" disc-type outlet valve
- CIP attachment
- CIP door



BULLSEYE BOTTOM

All-stainless steel bottom means no rusting or re-painting.

MUELLER MILK TOWER SPECIFICATIONS

Capacity (U.S. Gallons/ Liters)	Dimensions (in)			Agitator		Empty Weight (lbs)
	ID	Base	Height	HP	RPM	
7,000/26,498	120	129.75	222.75	1	99	7,931
10,000/37,856	120	129.75	282.75	2	99	8,625
15,000/56,781	120	129.75	380.75	2	99	9,960
20,000/75,708	120	129.75	483.75	3	155	11,422
30,000/113,562	140	149.75	524.5	3	155	15,835
40,000/151,416	140	149.75	674.5	3	155	18,890

PAUL MUELLER COMPANY

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.



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