

## PROTECTING YOUR INVESTMENT

The milk in that tank is your money. That’s why Paul Mueller Company is devoted to building a reliable milk cooling system to protect it. For more than 70 years we have been supporting the goals of the dairy farmer and the needs of the industry. Put the energy efficiency and quality of a Mueller milk cooling system to work for you. With a Mueller milk cooling system dairy farmers have an absolute guarantee of product quality, reliability, business continuity and sustainability.

## SERVICE YOU CAN RELY ON

Our supportive dealer network has decades of knowledge and expertise to solve all your cooling challenges. Consult with our experts today.

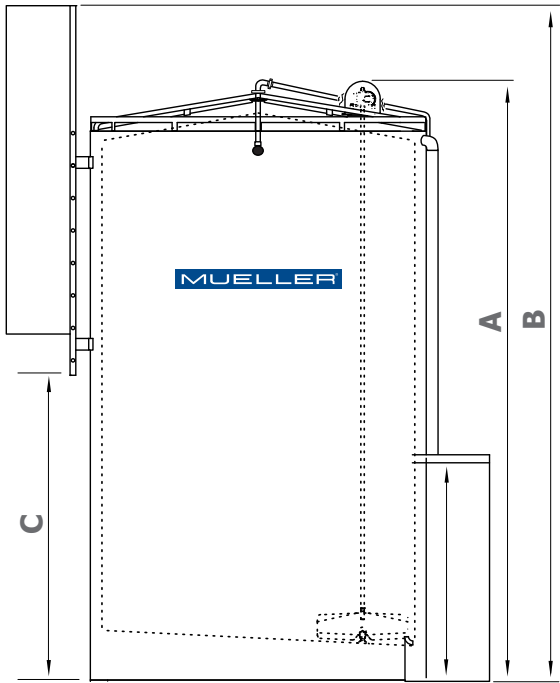
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MUELLER

## MUELLER MILK COOLING TANKS: SILOTANK

### DIMENSIONS AND CAPACITY MUELLER SILO TANK



Model	S 12000	S 15000	S 18000	S 20000	S 24000	S 28000	S 30000	S 34000	S 40000	S 48000	S 50000
Max. fill volume in liters (bottom vent pipe)	12.684	15.684	18.684	20.684	24.684	28.684	30.684	34.684	40.684	48.684	50.684
Tank height in mm (excluding cage ladder) (A)	3.390	3.915	4.440	4.790	5.490	6.190	6.540	7.240	8.290	9.690	10.040
Tank height in mm (including cage ladder) (A)	0	0	5.105	5.455	6.155	6.855	7.205	7.905	8.955	10.360	10.705
Distance to bottom Cage ladder in mm (C)	0	0	2.240	2.240	2.380	2.240	2.310	2.450	2.400	2.400	2.170
Number of agitators	1	1	1	1	1	1	1	1	1	1	1
Tank weight in kg (Aluminum jacket)	2.625	2.750	2.875	2.950	3.100	3.250	3.325	3.475	4.000	4.300	4.600
Tank weight in kg (stainless steel jacket)	3.075	3.275	3.475	3.600	3.725	3.850	3.920	4.100	4.650	5.100	5.700

Larger silo milk cooling tanks on request

*It is possible that some information in the brochure may deviate from the actual implementation. Therefore no rights can be derived from the information in this brochure.*





# SILO MILK COOLING TANK

In addition to the Mueller milk cooling tanks Model O and P, Mueller also offers vertical silo tanks. The Mueller silo tank combines fast cooling with very low energy consumption with the Mueller Temp-Plate® cooling plates installed in the lower part of the silo tank. To generate even more cooling capacity, the silo tank is also available with a side evaporator.

## HIGH QUALITY, FAST COOLING AND EFFICIENT CLEANING



### Features:

- Stainless steel alcove with built-in cooling and cleaning controls
- Stainless steel, top mounted agitator motor with protective cover
- Oval manhole with automatically cleaned milk sampling valve located within the alcove.
- 3.5" (DN80) milk outlet with butterfly valve and safety cap
- Safe ventilation of the silo within the alcove
- Caged ladder supplied with 18,000 to 40,000 liters as standard

### Built-on Stainless Steel Mueller MIII Control Unit with:

- Quick Cleaning system
- Built-in MilkGuard
- Built-in cooling controls for robotic milking systems
- Built-in cool start delay
- Cleaning delay function
- Deep cool switch
- Cleaning water level control
- Automated detergent and acid dosing
- Sample valve (automatically cleaned)

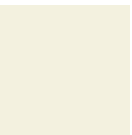
Option:  
Stainless steel  
outer jacket

THE MIII  
CONTROL UNIT  
COMMUNICATES  
PERFECTLY WITH  
ALL ROBOTIC  
MILK SYSTEMS

Alcove  
Stainless steel alcove with  
built-in MIII cooling and  
cleaning control system



### Weather proof aluminium cladding available in three standard colours\*:



White  
Colour Code:  
RAL9001



Green  
Colour Code:  
RAL6003



Grey  
Colour Code:  
RAL9006



Anthracite\*\*  
Colour Code:  
RAL7016



Dark Green\*\*  
Colour Code:  
RAL6009

\* Colours in this brochure may vary from actual colors.  
\*\* Available in additional costs

