

# Cooling the World's Milk



SILOTANK

MUELLER

# Silo Milk Cooling Tank



*Space is often tight for dairy farmers. Understanding this challenge, we provide a space-efficient solution with our range of high-quality vertical milk silos. These silos are expertly designed to cool and store large volumes of milk, making the most of limited space.*

## Features

- Combines fast cooling with very low energy consumption with the 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.
- Stainless steel alcove with built in cooling and cleaning controls
- Top mounted agitator motor with stainless steel protective cover
- Oval manhole with automatically cleaned milk sampling valve located within the alcove.
- 3.25" (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
- Paired with our E-Star® condensing unit, R-290 and R-448A options available

## 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)

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



**Grey**  
Color Code: RAL9006



**Dark Green**  
Color Code: RAL6020



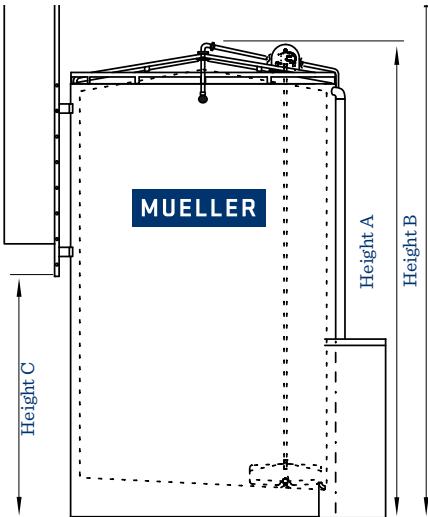
**Antracite**  
Color Code: RAL7016



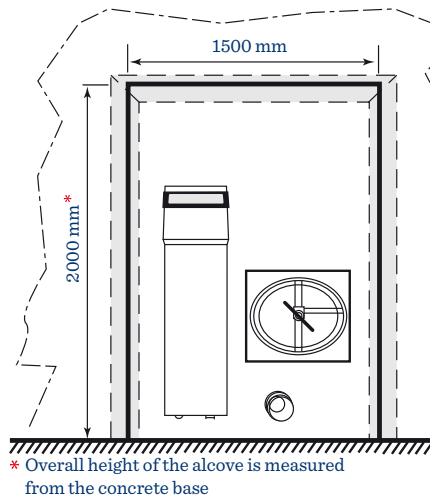
**Silo Alcove view**

\*Colors in this brochure may vary from actual colors.

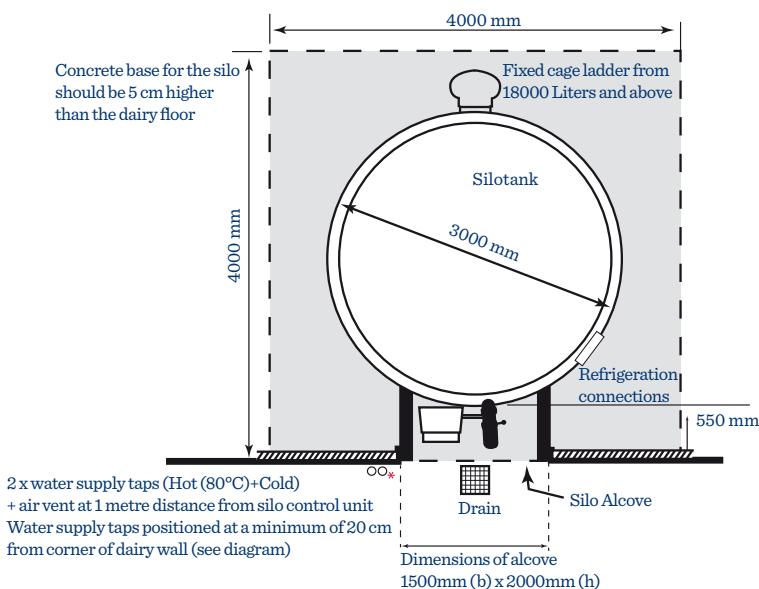
# Silo Tank Dimensions and Capacity



Dimensions of the Mueller® Silo Alcove  
front view



Dimensions of the Mueller® Silo top view



Model	S 12000	S 15000	S 18000	S 20000	S 24000	S 28000	S 30000	S 34000	S 40000	S 48000	S 50000	S 55000	S 60000
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	55.684	60.684
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	10.750	11.800
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	11.420	12.470
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	1.400	2.400
Number of agitators	1	1	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	5.400	5.900
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				

We are united by the belief that the only quality that matters is quality that works for life. With every piece of equipment we build, our goal is to have lasting impact. Our equipment allows farmers, brewers, and engineers to keep their products fresh and their inventory strong. We are making an impact whether our equipment preserves milk in rural areas or manufactures medicine with world-changing health benefits.

## Creating Quality for *Life*



Mueller BV  
Noordgang 14 | 7141 JP Groenlo,  
The Netherlands

[info@paulmueller.com](mailto:info@paulmueller.com)

**+31 (0)88-683 0000 | [WWW.NL.PAULMUELLER.COM](http://WWW.NL.PAULMUELLER.COM)**