

Agri **S.M.I.** sas

di Bonsaglia Matteo



BULK MILK
COOLERS

Model O and P

www.frigolatteusati.it - www.agrismi.it

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mueller mil cooling tank model o and p
incorporating miii / miii β – the industry's most advanced
cooling and cleaning control system

- Compact design
- Rapid and efficient cooling
- Low energy operating costs
- High quality materials and craftsmanship
- Digital temperature indication
- Microprocessor cooling and cleaning controls
- Available in a wide range of capacities



mueller mil cooling tank model o and p

Features:

- Digital temperature indication
- 3 25 () stainless steel milk outlet with butterfly valve and plug
- Built on stainless steel housing for control system
- Cleaning water level control
- Automatic detergent dosing and control system with automated switch to acid
- Built in Milk Guard functions
- Deep cool switch
- Automatic commencement of cooling
- Seamless outer casing
- Heavy duty and stable legs with beam profile ensuring uniform distribution of weight and floor load

Optional:

- Double outlet valve assembly for additional use of both pre rinse and wash water
- Refrigeration controls on either left or right hand rear side vessel to minimize overall length of the milk cooler

Optional pre-mounted parts for robotic milking:

- Low Level Cooling
- Rain Water Sensor
- Airmotor
- T piece

connectable to all robotic milking systems





↑ Model O - OVAL

↑ Model P - ROUND

miii/miii β control unit: the industry's most advanced cooling and cleaning control system

Main features MIII:

- Tank control Milk ward and installed interface for robotic milking systems
- Total control and monitoring of all cooling cleaning and agitation functions
- Fully adaptable to individual cooling and cleaning requirements
- To be installed on both new and used Mueller O and P milk coolers

Control panel and display

- Modern design
- Large display showing milk temperature date and time and full system status information selectable in several languages
- Automatic change over between summer and winter times

Quick cleaning system

- Based on direct to drain principle
- Reduced 'down time' of robotic milking systems due to shorter cleaning times (app. 40% faster)
- Water level sensors to ensure correct amount of wash water independent of water supply pressure

the miii control unit communicates With all robotic mil systems

MIIIβ: same features and quality as MIII control unit, except without:

- Built in Milk ward
- Robot Control System
- Milk Level detection (ML)
- Communication (SM)
- Conductivity Sensor



↑ MIII control unit

Large display showing milk temperature, date and time and full system status information.

mueller - the mil cooling systems specialist

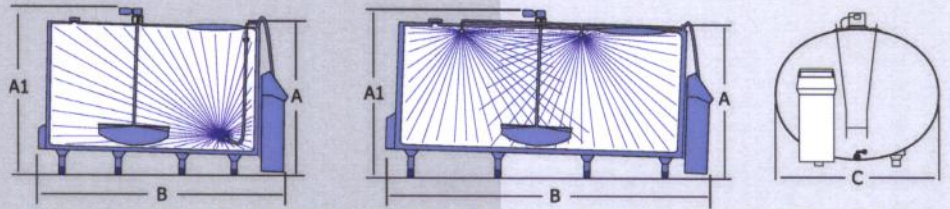
At the core of Mueller's extensive range of dairy products is the Mueller milk cooling tank: the most cost efficient and advanced milk cooler for today's modern dairy farmer. Well known for its perfect finishing excellent cooling properties and low running costs.

For more than 100 years Mueller has been building milk cooling systems. And our hard work paid off: we have become one of the world's largest suppliers.

Our products are chosen by more dairy farmers throughout the world than any other brand. For the reason that we are giving them the assurance of optimum storage and cooling of milk on their farms. With a Mueller milk cooling system dairy farmers have an absolute guarantee of product quality reliability business continuity and sustainability.



Dimensions and capacity



For models O 2000 and larger, vessels are equipped with spray ball cleaning (with detachable cleaning pipe).

model	maximum capacity in liters	length (B) in mm	Width (c) in mm	height (a): incl. cleaning pipe front of tank	height (a1): incl. agitator slope 1:40
OC 400	1.725	2.115	1.530	1.250	1.525
O 450	1.895	2.265	1.530	1.250	1.525
O 500	2.125	2.470	1.530	1.250	1.525
O 600	2.530	2.825	1.530	1.250	1.535
O 700	2.960	2.440	1.790	1.490	1.785
O 800	3.295	2.650	1.785	1.490	1.795
O 900	3.695	2.900	1.785	1.490	1.800
O 1000	4.105	3.150	1.785	1.490	1.805
O 1125	4.580	3.450	1.785	1.490	1.810
O 1250	5.085	3.030	2.015	1.685	1.900
O 1500	6.135	3.535	2.015	1.685	1.910
O 1750	7.125	4.015	2.015	1.685	1.920
O 2000	8.180	4.530	2.015	1.725	1.930
OC 2000	8.095	3.535	2.270	1.920	2.150
O 2250	9.120	3.915	2.270	1.920	2.160
O 2500	10.020	4.250	2.270	1.940	2.170
O 2750	11.455	4.630	2.270	1.940	2.180
O 3000	11.975	4.980	2.270	1.940	2.210
O 3500	13.770	4.980	2.450	2.035	2.280
O 4000	15.670	5.590	2.450	2.085	2.320
O 4500	18.740	5.010	2.800	2.405	2.605
O 5000	20.555	5.440	2.800	2.405	2.605
O 6000	24.020	5.705	3.010	2.475	2.655
O 7000	28.195	5.705	3.210	2.665	2.850
O 8000	32.695	5.705	3.410	2.885	3.015
O 9000	36.400	5.705	3.560	2.970	3.240
PC 5000	5.070	3.030	1.740	1.910	2.115
P 6000	6.125	3.535	1.740	1.960	2.125
P 7000	7.120	4.015	1.740	1.960	2.145
P 8000	8.075	3.535	1.980	2.210	2.385
P 9000	9.105	3.915	1.980	2.210	2.390
P 10000	10.000	4.250	1.980	2.160	2.400
P 12000	11.975	4.980	1.980	2.160	2.425
PC 12000	12.815	4.250	2.240	2.445	2.645
P 15000	15.460	4.980	2.240	2.445	2.695
P 18000	17.990	5.705	2.240	2.500	2.745
PC 18000	18.080	4.250	2.625	2.780	3.045
P 20000	21.785	5.010	2.625	2.780	3.045
P 24000	25.180	5.705	2.625	2.880	3.090

Overall length including Mill control unit (360mm).

Height of the cleaning pipe is nil up to O-1750. Height of cleaning pipe is 60mm up to and incl. P 7000.