

TECHWIN

OPEN TYPE COOLING TANKS (MP POWER TANK MODEL)



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OPEN TYPE COOLING TANKS

Available in 50 liters to 2,500 liters capacities.



PRODUCT FEATURES

Cooling unit

The models are of 2 or 4 milkings. They are equipped with a solenoid valve, separate high and low pressure switches, an additional pressure switch for controlling the second fan, and check valves for performance and protection.

Evaporator

The tanks are equipped with a direct expansion evaporator and the bottom has the appropriate slope to ensure the complete evacuation of the tank in compliance with international standards (ISO 5708) to avoid the formation of ice particles, minimizing energy loss and achieving zero coolant leakage.

Thermal Insulation

The tank insulation with environmentally-friendly two components polyurethane foam allows preservation of milk to the desired temperature ensuring minimum energy consumption.

Dipstick

All Finken Vertitank models are equipped with a stainless steel measuring dipstick and a conversion table in litres to measure the level of milk.

Easy Cleaning

The motor, the electronic control panel and the lifting handle of the tank lid (models above 100lt) are elevated, allowing thorough cleaning of the lid and preventing dirt accumulation.

Electronic Control Panel

The electronic control panel for the cooling and agitation of the milk has an easy-to-read 3-digit display for easy operation.

Perforated cover of the cooling unit

The stainless steel protective perforated cover prevents the entry of small animals and dirt in the cooling unit and is easy to remove to allow access during maintenance and repair.

Retaining springs

Stainless steel springs provide easy lifting and holding of the tank lid in the open position while also offering high resistance to stress from daily use for models above 200lts.

Milk Inlet Opening

The lid of the cooling tank is made to allow easy inspection of the content and filling of the tank.

Milk Out-let

Vertitank milk cooling tanks are equipped with a stainless steel butterfly valve.

Agitation Motor

MP Vertitank cooling tanks are equipped with agitation motors which rotate at 30 rpm to prevent milk foaming.

Lid With A One-piece Agitator

The robust lid without screws on the inside and the one-piece agitator of the tanks without joints ensure perfect cleaning and minimize the risk of milk contamination.

Cooling Tank Rim

The rim of the tanks is manufactured according to ISO 5708 / EN 13732 standard.

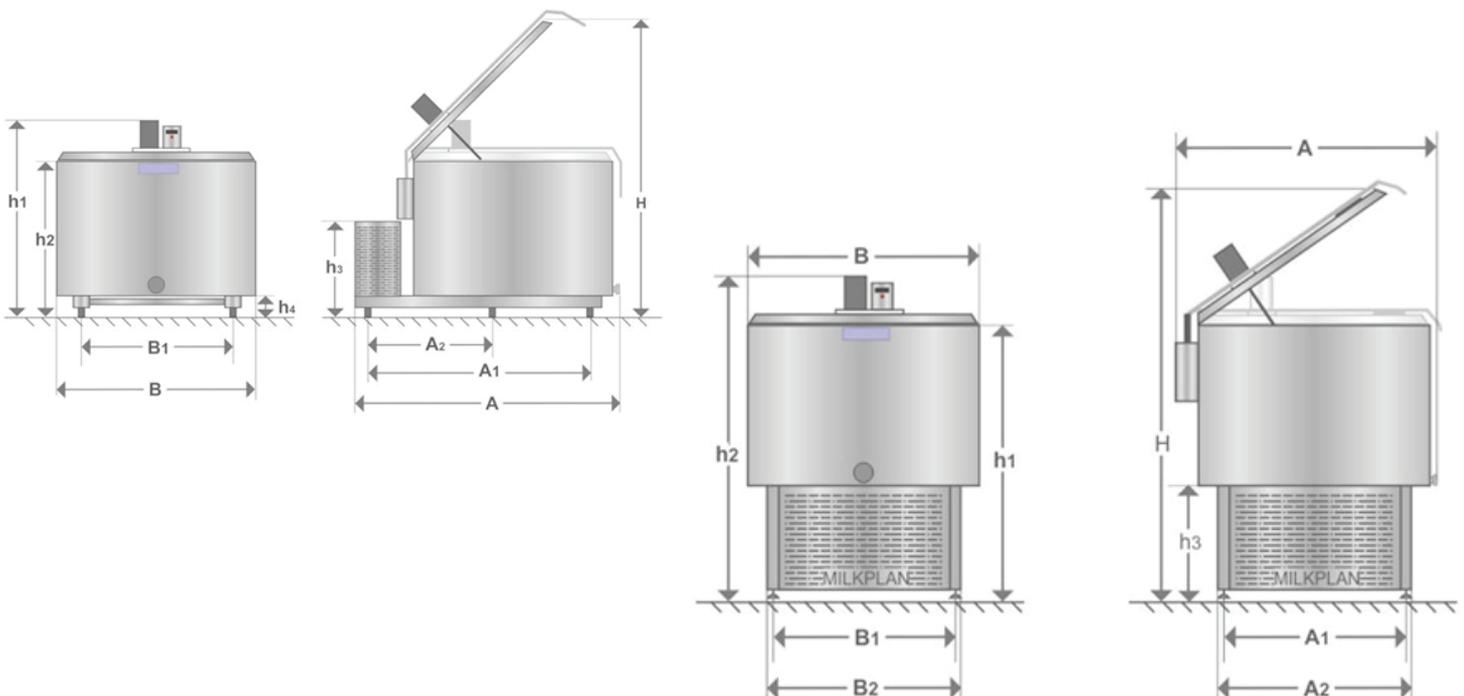
Adjustable support legs

All models of MP Vertitank series have adjustable support legs, so as absolute levelling is attained even on an uneven floor.

PRODUCT DIMENSIONS

50lt - 300lt

Tanks from 50lt to 300lt are mainly suitable for sheep and goat livestock units and can serve milk collection of 2 or 4 milkings.



Type Of Tank	A	A1	A2	B	B1	B2	H	h1	h2	h3
MPV 50	560	280	365	520	280	365	1350	820	1050	440
MPV 100	780	330	400	680	410	500	1660	980	1190	420
MPV 200	1030	530	610	890	530	610	1520	990	1220	420
MPV 300	1130	530	620	990	530	610	1700	1030	1250	420

400lt- 2.500lt

Tanks from 400lt to 2,500lt can serve small cow milking parlors and large sheep and goat milking parlors.

Type of Tank	A	A1	A2	B	B1	H	h1	h2	h3	h4
MPV 400	1600	950	-	1090	670	1445	1050	830	685	180
MPV 500	1600	950	-	1090	670	1620	1190	965	680	180
MPV 650	1600	950	-	1090	670	1765	1345	1120	750	180
MPV 800	1770	1310	-	1290	925	1910	1265	1040	685	192
MPV 1000	2050	1320	450	1495	910	1925	1250	1010	840	192
MPV 1250	2050	1320	450	1495	940	2090	1495	1150	840	192
MPV 1500	2275	1560	590	1495	1140	2200	1645	1304	818	192
MPV 2000	2320	1490	680	1840	1130	2200	1510	1200	880	192
MPV 2500	2320	1490	680	1840	1130	2390	1700	1390	1070	192

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