

MILK COOLING TANK with ICE WATER COOLING

OM/IB 600 - 2300 l

Characteristics

- ›Horizontal tank with space-saving, ergonomic design, easy to clean
- ›Constructed of stainless steel 18/10 – AISI 304
- ›Chassis with solid leg construction and adjustable feet (maximum 5 % slope)
- ›One-piece cover (up to OM/IB 1800) mounted on pneumatic springs, allowing easy opening and closing
- ›Evaporator coils in the ice bank are made of seamless copper tubing.
- ›CFC free polyurethane foam insulation
- ›Standard NW 50 outlet with drain plug
- ›The cooling tank is designed, manufactured and tested according to international standards
- ›Tank conform EN 13732

Tank control and display

- ›All electrical tank components 1 ~ 230V 50Hz
(other voltages / frequencies on request)
- ›Water tight switchbox with well dimensioned ON/OFF switch and controls for the cooling unit
- ›Milk temperature control with electronic operating unit PCV2-2
- ›Digital temperature indication with large LED display
- ›Two adjustable set points (3.2 °C and 4.5 °C)
- ›Deep cooling possible

Cooling and agitation

- ›As ice water is used as a cooling agent, it is impossible for even the smallest quantities of milk to freeze
- ›A high cooling capacity is guaranteed
- ›A correct designed agitator blade mixes also small amounts of milk
- ›Cooling pipes pre-mounted with thermostatic expansion valve(s)
- ›Cooling unit delivered separately
- ›The continuous cold water supply in the ice bank means that the time required to cool down from



35°C to 10°C is approximately 50 % less compared to direct expansion

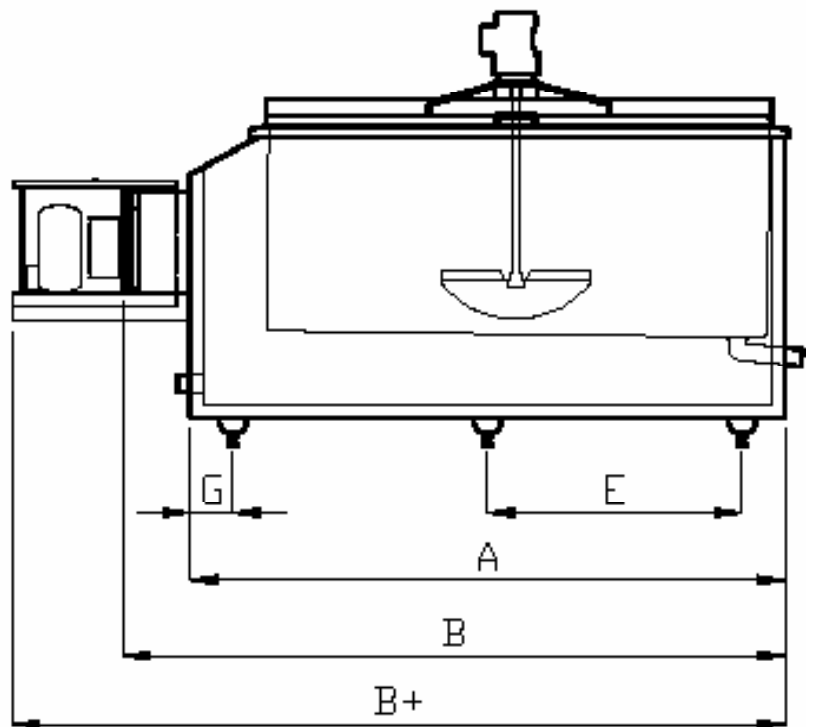
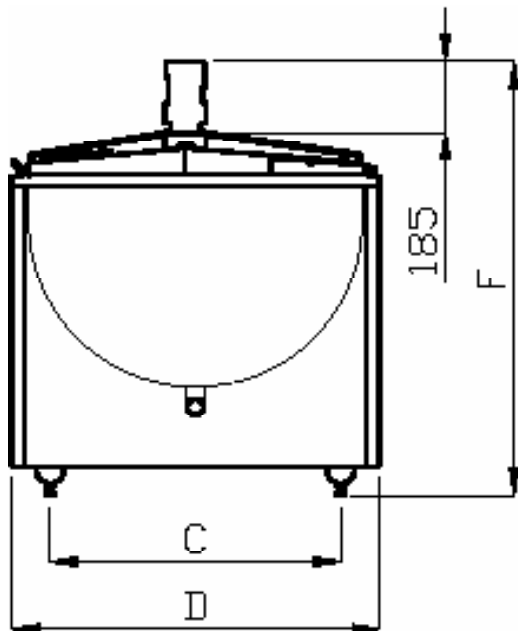
- ›Energy and money saving by using off-peak electricity during the night, in addition low power demand of the cooling unit

Cleaning

- ›The U-shape allows easy but thorough cleaning with a minimum of effort
- ›The vessel always remains moist inside thanks to the ice bank underneath; this allows easier cleaning of the vessel

Available options

- ›Time clock for use of night rate electricity
- ›Cooling unit incorporated (up to OM/IB 1200)
- ›Butterfly valve NW50
- ›Individual calibration with laminated volume chart
- ›Extra ice water pump



OM/IB Dimensions

Model	Max. cap. Litres	A mm	B mm	B+ mm	C mm	D mm	E mm	F mm	G mm	Legs number	Weight kg
600	633	1382	1632	1972	870	1098	1124	1250-1300	129	4	192
800	845	1781	2032	2372	870	1098	1524	1250-1300	129	4	242
1000	1055	2132	2382	2722	870	1098	1874	1250-1300	129	4	270
1200	1265	2482	2732	3072	870	1098	1112	1250-1300	129	6	300
1500	1585	2152	2402	-	1238	1461	965	1380-1430	111	6	327
1800	1885	2532	2782	-	1238	1461	1155	1380-1430	111	6	395
2300	2398	2882	3132	-	1238	1461	1330	1560-1615	111	6	490

B+ : with cooling unit incorporated.
Available in 2 and 4 milkings.

Subject to modifications. The photographs and descriptions provided are intended as a guide and may not always exactly match the items supplied.

