



Serap Milk Cooler FIRST.SE

From 900 to 30,000 litres

For over 40 years Serap have been manufacturing bulk milk cooling systems to meet the needs of dairy producers around the world. By combining dependability and versatility, Serap offers the most advanced, complete bulk milk cooling system available today.

FIRST.SE Direct Expansion milk cooler

- Elliptical stainless tank with a self supporting structure
- Full flow evaporator plates
- Built in wash system with permanently mounted pump and controls
- Threaded agitator couplings
- Man hole cover with latches can swing to the side or stand up
- All internal refrigeration and wash lines are stainless steel
- Full size, heavy wall stainless steel legs and holders for maximum stability
- Sandwich construction with high density CFC free insulation
- Pressure operated drain valves - no electric solenoids down in the wet



RL20 Electronic Control & 2020 Wash System

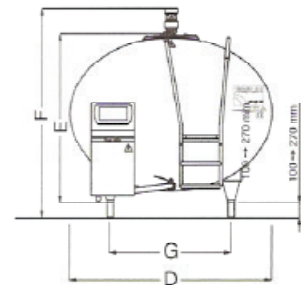
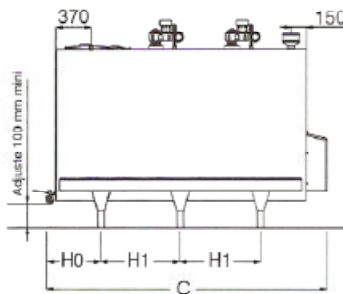
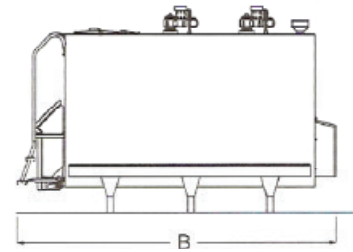
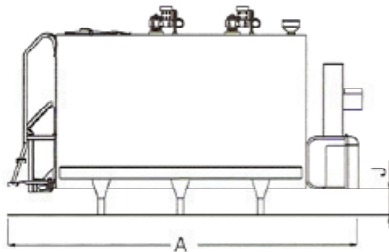
- Controls all cooling and washing function of the vat
- Wash cycle monitoring - over 30 adjustable parameters
- Cooling and washing temperature recording
- Peristaltic chemical pumps for automatic, accurate detergent dispensing with no human contact
- Programmable cooling functions, high and low temperature, agitator run times, delay cooling
- Programmable alarms for cooling and washing
- Diagnostic checks on controlled components
- Fused protection of outputs

Digital Dipstick - Option

- Available for all models greater than 1,000 litres
- Permanently mounted in the vat
- Will provide a digital volume readout at the press of a button
- Easily calibrated
- Accuracy of 0.5%



Specifications



Type	5200	6000	7000	8000	9000	10400	12000	15000	18000	21000	24000	27000	30000
DIMENSIONS in mm - WEIGHT in kg - VOLUME in liters													
Nominal volume	5200	6000	7000	8000	9000	10400	12000	15000	18000	21000	24000	27000	30000
Maximum volume	5340	6100	7140	8120	9180	10750	12280	15370	18500	21490	24620	27500	30500
Total length (compact type) A	3760	4120	4620	5120	4290	4790	5290	6290	-	-	-	-	-
Tank length (without cooling unit) B	3365	3725	4225	4725	3895	4395	4895	5895	6895	7905	8905	9965	11050
Length A ladder bottom part removed	3570	3930	4430	4930	3930	4430	4930	5930	-	-	-	-	-
Length B ladder bottom part removed	3235	3595	4095	4595	3595	4095	4595	5595	6595	7605	8605	9665	10750
Minimal tank length C	3000	3360	3860	4360	3360	3860	4360	5360	6360	7370	8370	9430	10510
Width D	2010	2010	2010	2010	2310	2310	2310	2310	2310	2310	2310	2310	2310
Tank height, legs and agitator not included E	1690	1690	1690	1740	2080	2130	2130	2180	2230	2230	2270	2270	2270
Total height F	2035	2040	2075	2085	2420	2455	2465	2490	2525	2565	2590	2665	2680
Lateral distance between centres of legs G	1200	1200	1200	1200	1400	1400	1400	1400	1400	1400	1400	1400	1400
Distance legs / drain H0	555	555	555	555	700	555	555	700	700	710	710	710	710
Longitudinal distance between centres of legs H1	1730	2090	1295	1545	1800	1295	1545	1900	1600	1930	1700	1572	1787
Mean distance condensing unit / ground J	230	230	240	270	230	260	270	310	-	-	-	-	-
Number of legs	4	4	6	6	4	6	6	6	8	8	10	12	12
Number of agitators	1	1	2	2	1	2	2	2	2	3	3	3	3
Tank weight without cooling unit(s)	796	877	993	1122	1110	1285	1465	1800	2100	2400	2700	3000	3400