

Milk cooler FIRST.S

Capacity
of 2000 Liters

Separate hermetic cooling
with double compressor

**Direct expansion
milk cooler**

50 Hz



Tank

Vertical cylindrical tank, with double jacket structure, with opening cover, consisting of :

- Inner tank, stainless steel AISI 304,
- Very efficient full flow evaporator laser welded,
- Outer tank, stainless steel AISI 304,
- Insulation with high density non CFC polyurethane foam, 40 mm thickness,
- Cover, stainless steel AISI 304, with filling hole (Ø 200 mm) with plastic cover,
- Four adjustable legs,
- Outlet valve with Ø 51 SMS thread with plastic cover.

Agitation and homogenization

Low speed gear motor (30 rpm).

Automatic programmed agitation as well as continuous agitation.

Homogenization of milk fat in 2 minutes according to ISO 5708 Standard.

Cooling equipment

Separate hermetic type cooling unit for 2All. Emerson reciprocating compressor 2xCR36.

Options

- HP and LP security pressure switches,
- Cooling regulation with pump-down system,
- Emergency Cooling Switch.
- Locking arrangement.

Electric equipment

Automate box RL 5, fastened on the cover including :

- the control interfaces (stop, refrigeration start, continuous agitation start),
- the regulation and display of the milk temperature,
- the management and the control of the cooling, agitation, and alarms functions.
- Voltage relay,
- Power box fixed on cooling unit support.

Standard electric power :

- 400 V / 3P+N / 50 Hz.
- or 230 V / 1P / 50 Hz.

General equipment

- Exact calibration (accuracy 0.5%),

Standards

According to international standard ISO 5708 and European Standard EN 13732.

According to CE european directive.

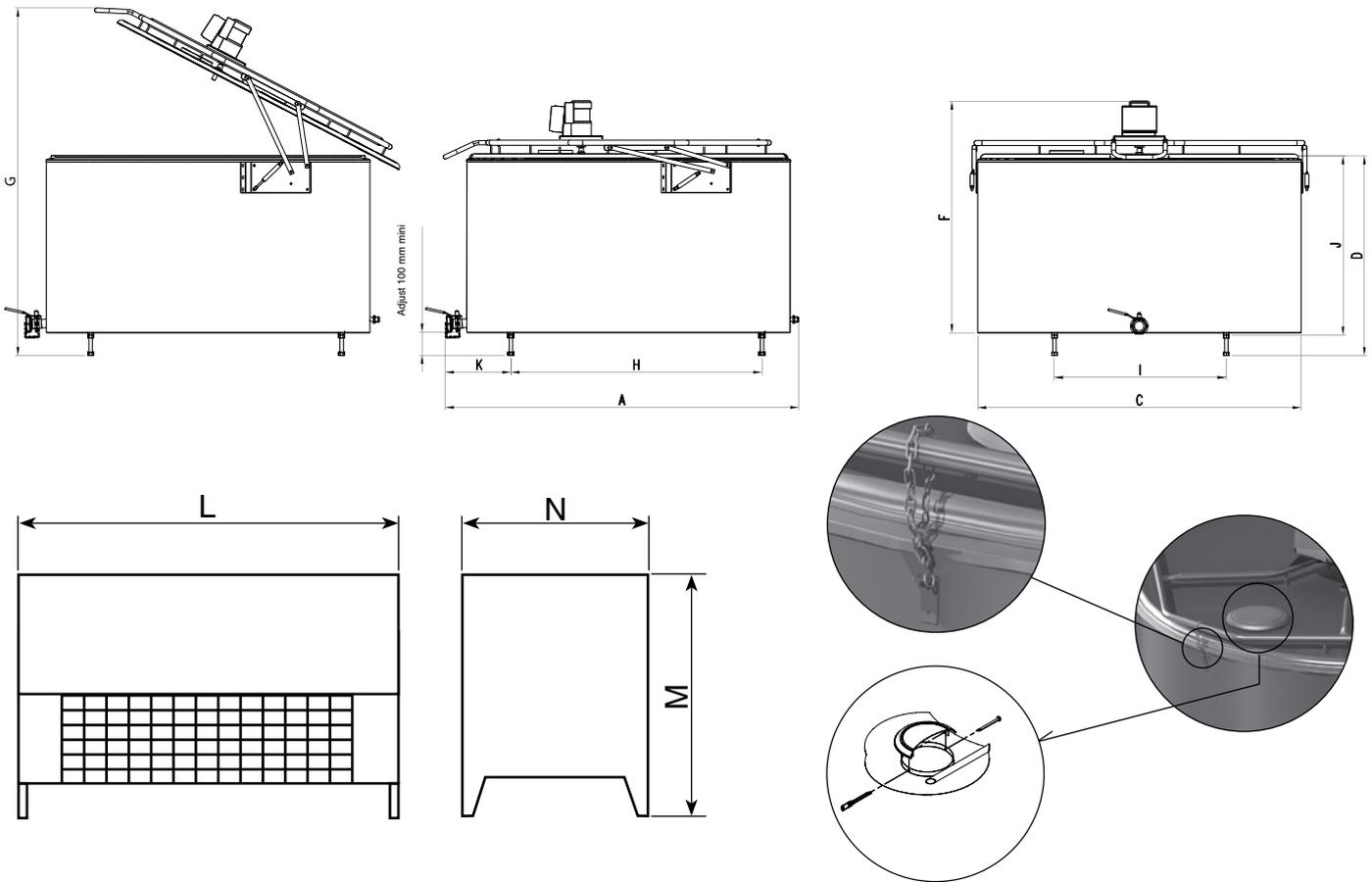
Performance

2All Performance-Milk at 35°C cools down to 4°C within 3 hours. Results in an ambient temperature of +38°C - operating guaranteed at 43°C.

In these tanks the milk temperature, initially at 4°C, does not exceed to a value more than 6.1°C after 12 hours, in an ambient temperature of 38°C.

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Capacity of 2000 Liters



Type	First 2000.S	
DIMENSIONS in mm - WEIGHT in kg - VOLUME in litres		
Rated Capacity-Litres		2000
Maximum Litres		2100
Gross Capacity		2200
Total length (separated type)	A	2094
Width	C	1992
Minimum height	D	1130
Total height	F	1380
Height with open cover	G	1945
Distance between legs in length	H	1500
Distance between legs in width	I	838
Tank height, legs not included	J	1050
Distance between outlet and front legs	K	385
Tank weight without cooling unit		245
SPECIFICATIONS (2 milkings - ISO 5708 - performance 2 A II)		
Cooling unit		2xCR36
Power (h.p.)		2x3
Executions		GS/2x1V
Cooled nominal volume		2000
Standard electric power (50Hz)		Mono / 230V or TRI / 400V
Length	L	910
Height	M	645
Width	N	880
Cooling unit weight		190

FIRST.S 2000 L 2xCR36 2AII-12/10



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MILK COOLERS