

Milk cooler FIRST.S

Capacities from
150 to 400 Liters

**Direct expansion
milk cooler**

50 Hz

R404A

Model shown, First 225.S



Tank

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

- inner tank in stainless steel AISI 304,
- very efficient full flow evaporator,
- outer tank in stainless steel AISI 304,
- insulation with high density non CFC polyurethane foam, 40 mm thickness,
- cover in stainless steel AISI 304 with a filling hole (Ø 200 mm) with plastic cover, and spring for easy opening,
- four adjustable legs,
- threaded outlet Ø 51 DIN with plastic cover and chain.

Agitation and homogenization

Low speed gear motor (21 rpm).

Automatic safety stop of agitator at cover opening.

Automatic programmed agitation as well as continuous agitation. Homogenization of milk fat in 2 minutes according to ISO 5708 Standard.

Cooling equipment

Compact hermetic type cooling unit for 2BII or 4BII R 404A refrigerant.

Electric equipment

Automate box RL 5, fastened on the cover including :

- the control interfaces (Stop, Start refrigeration, Start continuous agitation),
 - the regulation and display of the milk temperature,
 - the management and the control of the cooling, agitation, and alarms functions,
 - the protection against voltage fluctuations.
- Standard electric power : 230V / 1P / 50 Hz.

Options :

- calibration (accuracy 0,5%),
- outlet valve (thread on request),
- power supply 5 meter cable.

Standards

According to international standard ISO 5708 and european standard EN 13732.

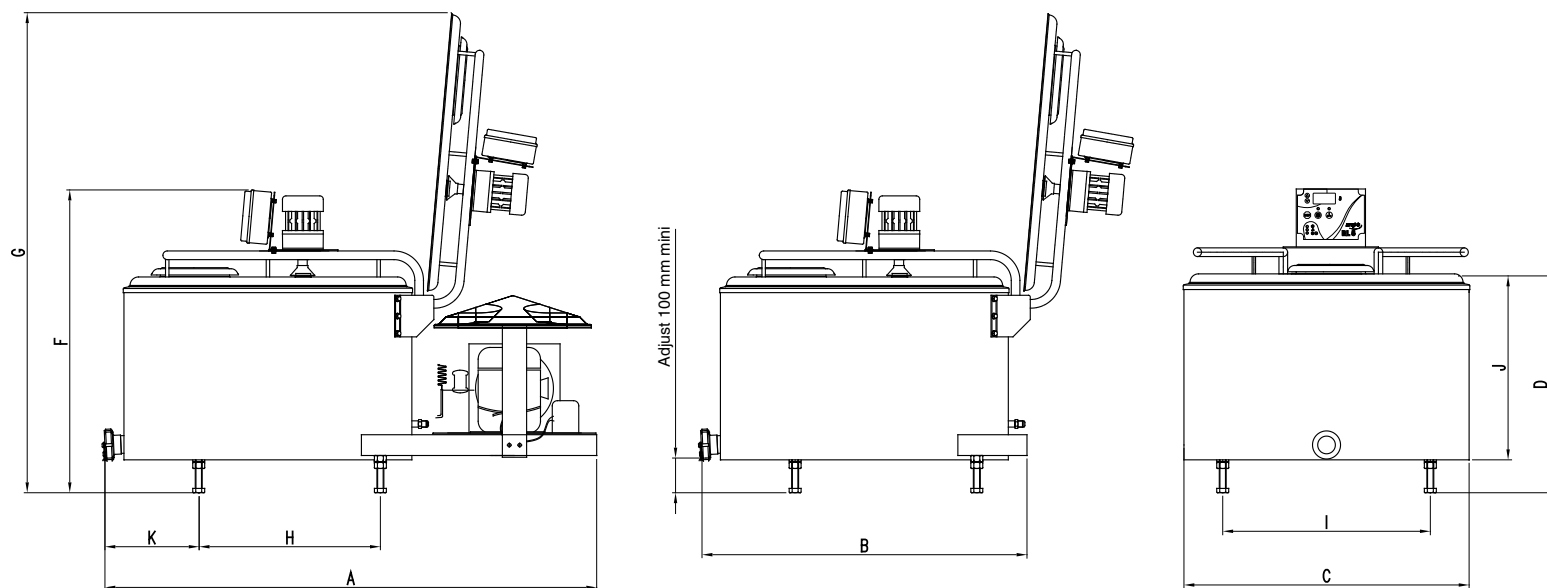
Calibration approved by the "Service de la Métrologie".

Accessories :

- Differential disjonctor breaker.

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Type	150	225	300	400
DIMENSIONS in mm - WEIGHT in kg - VOLUME in litres				
Nominal volume	150	225	300	400
Maximum volume	165	250	330	425
Total length (compact type)	A	1420	1420	1600
Tank length (without cooling unit)	B	940	940	1100
Width	C	832	832	982
Minimum height	D	635	825	770
Totale height	F	875	1065	1030
Height with open cover	G	1385	1575	1700
Distance between legs in length	H	900	900	900
Distance between legs in width	I	600	600	600
Tank height, legs not included	J	515	705	670
Distance between outlet and front legs	K	270	270	250
SPECIFICATIONS (2 milkings - ISO 5708 - performance 2BII) with R404A cooling unit 50Hz				
Cooling unit (brand UH)	CAET 9450 ZMH	CAE 9470 ZMH	CAJ 9510 ZMH	CAJT 9513 ZMH
Power (hp)	0,43	0,50	1	1,12
Cooled nominal volume	150	225	300	400
Weight	84	99	135	147
SPECIFICATION (4 milkings - ISO 5708 - performance 4BII) with R404A cooling unit 50Hz				
Cooling unit (brand UH)	AEZ 4430	AEZ 4440 ZH	CAET 9550 ZMH	CAE 9570 ZMH
Power (hp)	0,25	0,43	0,50	0,50
Cooled nominal volume	150	225	300	400
Weight	75	84	123	146

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