



heat exchanger
mastery



COOLING TANK WITH AUTOMATIC WASHING

TECHNICAL SPECIFICATIONS

MANUFACTURE:

- Inner tank and outer casing made of AISI 304 stainless steel.
- Total primary surface Trapcold (registered trademark) evaporator with maximum yield.
- Inspection hatchway with AISI 304 airtight cover.
- Very thick insulation by means of non-polluting polyurethane foam.
- Outlet butterfly valve.
- Millimeter stainless steel dip-stick with conversion-table in litres for the measurement of milk-level.

COOLING SYSTEM:

- Non-icing cooling even with low filling level.
- Direct expansion.
- R404A refrigerating fluid for all models.
- It complies with EN 13732.

WASHING:

- Automatic washing Ramset type controlled by FIPO 1 milk-controller with the following characteristics:
 - low water and detergent consumption
 - efficient washing system by means of highly effective rotating spray balls developed in-house
 - washing water volume control system
 - dosing pumps
 - automatic selection of the detergent and acid

ELECTRIC SYSTEM:

- Computerised FIPO 1 milk-controller system for the management of all the operations:
 - milk temperature check
 - digital temperature display
 - stirring program
 - programmed start-up of the cooling system
 - automatic washing program
 - ample flexibility of operations.
- Temperature relay protection for the compressors as well as compressors inner protection.
- Thermal power relay for three-phase agitators. Thermal safeguard for washing pump.
- Magnetohermic switch.
- 400V three-phase feeding 50HZ + neutral.
- 24V feeding for control apparatus and solenoid control.

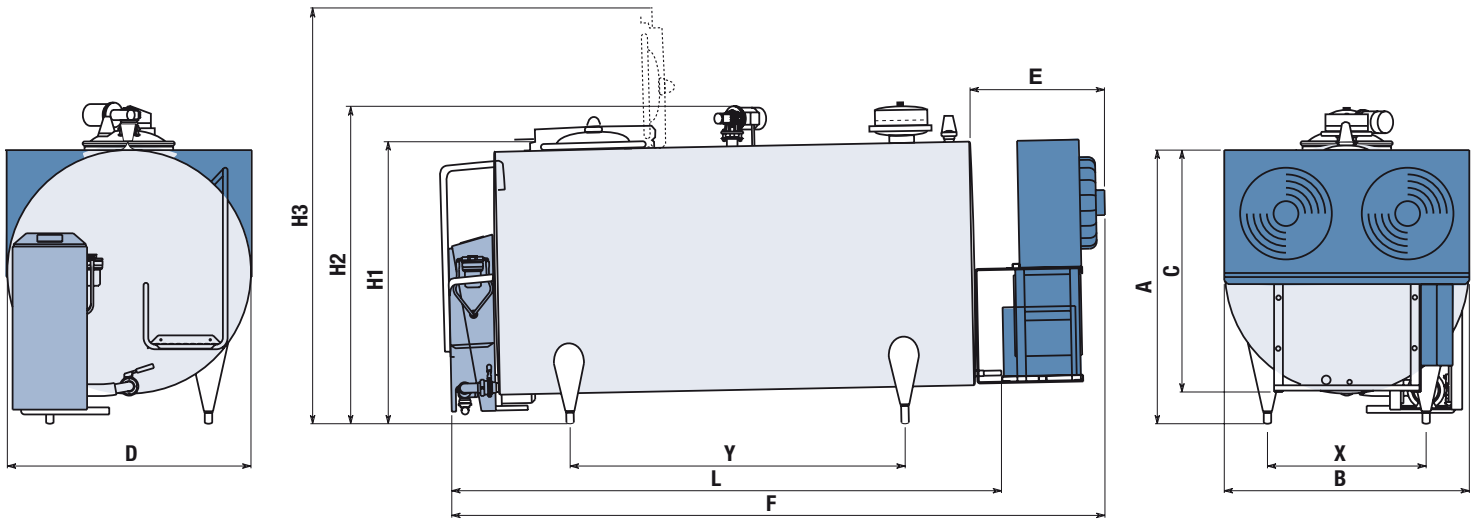
OPTIONALS:

- Electronic milk measurement.
- Milking robot prearrangement.
- Event recording system for PC.
- Washing resistance to heat up water during washing process.
- Self-cleaning outlet.



FRIGOMILK G9

state of the art milk-cooling



H1 = Max height with agitator, manhole and air vent disassembled (pipe for vent)

H2 = Max height with agitator

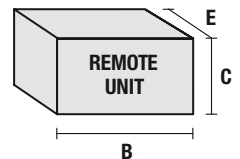
H3 = Max height with open manhole

CAPACITY	MILKINGS		VOLUME (litres)		DIMENSIONS					ADJUSTABLE FEET POSITIONING			CONDENSING UNIT					HP	Weight tank and unit (kg)		
					L (mm)	D (mm)	H1 (mm)	H2 (mm)	H3 (mm)	Nr.	X (mm)	Y (mm)	type	Nr.	A (mm)	B (mm)	C (mm)			E (mm)	F (mm)
2000	4M	2200	2000	2450	1415	~1675	~1835	~2305	4	900	1250	COMPACT TO VESSEL	1	1400	1390	1230	650	2860	1x3	515	
	2M	2770	2500											1600		1460			1x5	555	
2500	4M	2770	2500	2980	1415	~1675	~1835	~2305	4	900	1780		1	1500	1390	1230	650	3400	1x3,5	580	
	2M													3210		3000			1700	1460	1x6,7
3000	4M	3210	3000	3270	1415	~1675	~1835	~2305	4	900	1900		1	1460	1390	1230	650	3680	1x4	660	
	2M													4300		4000			1700	1460	1x8
4000	4M	4300	4000	2925	1415	~1675	~1835	~2305	4	900	1530	1	1500	1720	1460	750	3455	1x5	725		
	2M												5355		5000			1700	1460	1x10	810
5000	4M	5355	5000	3655	1730	~2000	~2160	~2620	6	1120	2080	REMOTE TO VESSEL	1	-	1500	920	950	-	1x6,7	650	165
	2M													6315	6000	1290	-	1830	950	1150	-
6000	4M	6315	6000	4155	1730	~2000	~2160	~2620	6	1120	1290		1	-	1500	920	950	-	1x8	780	194
	2M													8190	8000	1190	-	1830	950	1150	-
8000	4M	8190	8000	5120	1730	~2000	~2160	~2620	8	1190	1190		2	-	1830	950	1150	-	1x10	935	265
	2M													11110	10000	1340	-	1830	950	1150	-
10000	4M	11110	10000	5030	2045	~2335	~2490	~2930	8	1340	1130	1	-	1830	950	1150	-	1x13	1300	295	
	2M												12710	12000	980	-	2x13	590			
12000	4M	12710	12000	5530	2045	~2335	~2490	~2930	10	1340	980	2	-	1500	920	950	-	2x8	1440	388	
	2M												14680	14000	890	-	2180	1170	1170	-	2x15
14000	4M	14680	14000	5170	2280	~2590	~2745	~3160	10	1520	890	2	-	1830	950	1150	-	2x10	1700	530	
16000	4M	16560	16000	5710									1020				-	2x13	1830	590	
18000	4M	18650	18000	6310	2280	~2590	~2745	~3160	12	1520	925	2	-	2180	1170	1170	-	2x13	2060	780	
20000	4M	20750	20000	7000									1050				-	2x15	2220	780	
24000	4M	24650	24000	7050	2500	~2810	~3020	~3380	12	1650	1050	2	-	2180	1170	1170	-	2x20	2610	860	

Any specification may be modified without notice. Rev.5

CAPACITY
 2 MILKINGS
 4 MILKINGS
 THREE-PHASE 3.400

How to order a G9 Frigomilk with abbreviations.
 Example: 2000 2M T



FRIGOMILK G9



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