

Frigomilk® G10

EN



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COOLING TANK WITH AUTOMATIC WASHING from 1000 to 6000 litres

TECHNICAL SPECIFICATIONS MANUFACTURE:

- Inner tank and outer casing made of AISI 304 stainless steel.
- Total primary surface Trapcold (registered trademark) evaporator with maximum yield.
- Manhole with AISI 304 airtight cover
- Very thick insulation by means of non-polluting polyurethane foam.
- DN50 outlet butterfly valve.
- Millimeter stainless steel dip-stick with conversion-table in litres for the measurement of milk-level up to 3000lt model

COOLING SYSTEM:

- Non-icing cooling even with low filling level.
- Direct expansion.
- Available for 2 and 4 milkings and for milking robot installations.
- The unit is remote from the tank

WASHING:

- Automatic washing with the following characteristics:
- low water and detergent consumption
 - stainless steel water pump
 - automatic selection of the detergent and acid with dosing pumps

ELECTRIC SYSTEM:

Milk controller FIPO1 or XFIC for the management of all operations.

It offers advanced functions like:

- programmable start-up of the cooling system
- milk temperature check
- customized automatic washing program
- stirring program
- data record
- 400V three-phase voltage 50HZ + neutral. (different voltages on request)
- 24V power supply for control apparatus and solenoid control.

OPTIONALS:

- Electronic milk measurement
- Milking robot prearrangement
- Washing resistance to heat up water during washing process
- Self-cleaning outlet
- Heat recovery system to save hot water consumption

CONFORMITIES:

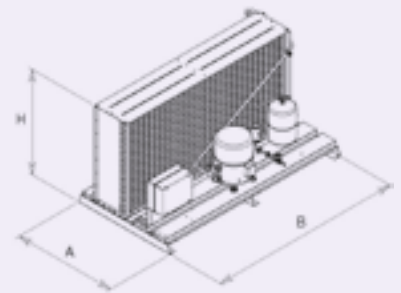
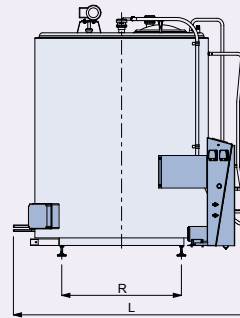
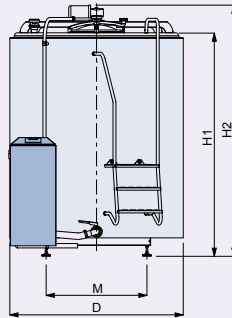
- It complies with:
- EN 13732
 - UE machinery directive
 - UE low-tension directive
 - UE electromagnetic directive
 - PED directive
 - ISO 5708

H1 = Max height with agitator, manhole and air vent disassembled
H2 = Max height with agitator

||||||| Ladder on models starting from 2000lt

Milk controller

- Model 1000 - 1500 -> FIPO1
- Model 2000 - 2500 - 3000 -> FIPO1 standard- XFIC optional
- Model 4000 - 5000 - 6000 -> XFIC



| MODEL | VOLTAGE (volt) | VOLUME | | DIMENSIONS | | | | ADJUSTABLE FEET POSITION | | CONDENSING UNIT | | | | WEIGHT (kg) | REMOTE COOLING UNIT WEIGHT (kg) | |
|-------|-------------------|-----------------|---------------------|------------|-----------|------------|------------|--------------------------|-----------|-----------------|-----------|-----------|----------------|----------------|---------------------------------------|-----|
| | | Max (litres) | Nominal (litres) | L (mm) | D (mm) | H1 (mm) | H2 (kg) | M (mm) | R (mm) | A (mm) | B (mm) | H (mm) | Compr. (HP) | | | |
| 1000 | 2MT | 3.400 | 1120 | 1000 | 1975 | 1390 | 1180 | 1475 | 820 | 954 | 760 | 930 | 690 | 3 | 295 | 98 |
| 1500 | 4MT | 3.400 | 1580 | 1500 | 2085 | 1600 | 1235 | 1530 | 930 | 1104 | 850 | 1200 | 690 | 4 | 365 | 123 |
| | 2MT | 3.400 | | | | | | | | | 760 | 930 | 690 | 3 | 470 | 98 |
| 2000 | 4MT | 3.400 | 2120 | 2000 | 2155 | 1600 | 1505 | 1760 | 930 | 1104 | 930 | 1435 | 740 | 5 | 505 | 126 |
| | 2MT | 3.400 | | | | | | | | | 850 | 1200 | 690 | 4 | 475 | 123 |
| 2500 | 4MT | 3.400 | 2550 | 2500 | 2155 | 1600 | 1760 | 2015 | 930 | 1104 | 930 | 1435 | 740 | 6,5 | 510 | 165 |
| | 2MT | 3.400 | | | | | | | | | 850 | 1200 | 690 | 4 | 550 | 123 |
| 3000 | 4MT | 3.400 | 3090 | 3000 | 2190 | 1600 | 2060 | 2320 | 930 | 1104 | 930 | 1435 | 740 | 8 | 570 | 194 |
| | 2MT | 3.400 | | | | | | | | | | | | 5 | 780 | 126 |
| 4000 | 4MT | 3.400 | 4240 | 4000 | 2450 | 1838 | 2500 | 2600 | 1208 | 1208 | 930 | 1435 | 740 | 6,5 | 850 | 165 |
| 5000 | 4MT | 3.400 | 5300 | 5000 | 2550 | 1838 | 2950 | 3050 | 1208 | 1208 | 930 | 1435 | 740 | 8 | 950 | 194 |
| 6000 | 4MT | 3.400 | 6350 | 6000 | 2650 | 1838 | 3450 | 3550 | 1208 | 1208 | 930 | 1435 | 740 | 8 | 950 | 194 |

upon request

2MT = 2 milkings threephase
4MT = 4 milkings threephase

No calibration for 4000-5000-6000 liter models

For models starting from 2000 liters the length L also includes the overall dimensions of the ladder, which protrudes around 125 mm beyond the washing unit.

How to order a G10 with abbreviations

Example: 2000 2M T
capacity milkings three-phase



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