

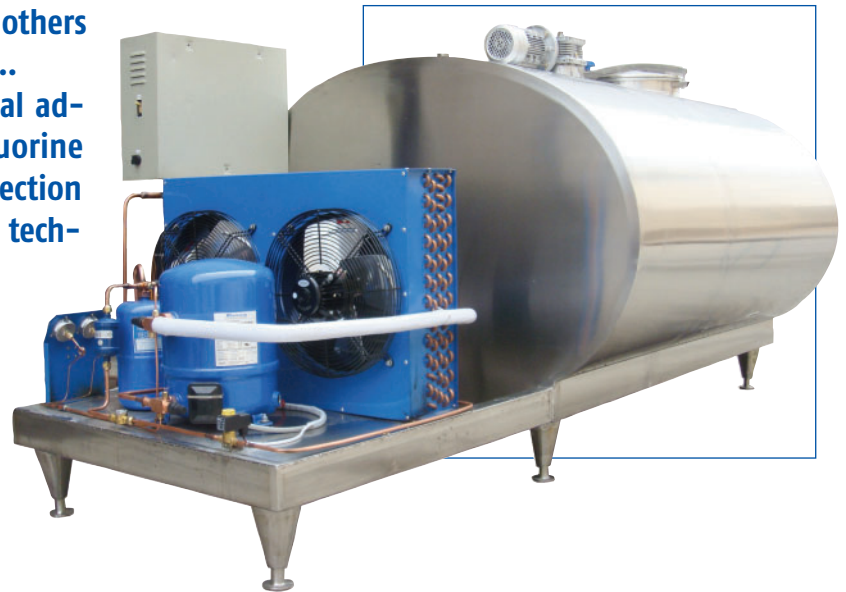
# AISI milk cooling tank

AISI Milk cooling storage tank design especially for milk cooling and storage.

They could be used to cool others liquid such soya milk, juice...

It fully uses the international advanced technology (non-fluorine refrigerator, safety and protection system, imported advanced technique).

So it's the ideal cooling and storage equipment for farmer, milk station, milk factory, food factory, and beverage factory and pharmacy industry.



#### *Volume range:*

from 500 lts to 20.000 lts

#### *Standard:*

according to international standard ISO 5708 and to CE standards

#### *Insulation material:*

PU foam, double-wall construction, thickness 50mm - Maintains high thermal storage efficiency

#### *Compressor:*

Danfoss Maneurop

#### *Refrigerant:*

R404A (Environmental friendly)

*Electric equipment:* multifunction box with micro process 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 and agitation functions
- The protection against voltage fluctuations

#### *Standard electric power:*

400V / 3P+N / 50 Hz

#### *Agitation system:*

The agitation system ensures the proper blending and even temperature distribution of milk prior to and during milking, as well as during sampling. The agitator assembly consists of a heavy-duty gear drive and a paddle with a milk sweep design. Two agitator assemblies come standard on 8.000 lts and larger coolers.

#### *Material SU 304 stainless steel construction*

Highly polished stainless steel provides durability and clean ability in an attractive package.

#### *Inner liner:*

Very efficient full flow evaporator (heat transfer surface maximizes refrigeration efficiency).

#### *Adjustable legs with beam profile:*

Ensures uniform weight distribution even on uneven surfaces.

#### *Man way cover swings to side:*

Provides easy inspection of milk and servicing of tank; seals tight to keep milk sanitary.

*Stainless steel ladder on 1.000 lts and larger models.* Allows safe access to man way cover during inspection and service

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ITEM	Volume L	P F. W	Rotation speed	Matched power	Size L×W×H	Refrigerant	Power supply															
LH-M0.5	500	5322	33 r/min	3 kW	2200×1350×1150	R404A	400V/3/50Hz															
LH-M1	1000	8042	33 r/min	4.5 kW	2200×1350×1550	R404A	400V/3/50Hz															
LH-M1.5	1500	9214	33 r/min	5 kW	2200×1200×1750	R404A	400V/3/50Hz															
LH-M2	2000	16221	33 r/min	6 kW	3300×1500×1700	R404A	400V/3/50Hz															
LH-M2.5	2500	16221	33 r/min	7 kW	3700×1450×1500	R404A	400V/3/50Hz															
LH-M3	3000	20741	33 r/min	7 kW	3950×1500×1700	R404A	400V/3/50Hz															
LH-M4	4000	25680	33 r/min	14 kW	3950×1900×1850	R404A	400V/3/50Hz															
LH-M5	5000	32442	33 r/min	14 kW	4200×2100×2000	R404A	400V/3/50Hz															
LH-M6	6000	41000	33 r/min	14 kW	4200×2100×2200	R404A	400V/3/50Hz															
LH-M8	8000	49000	33 r/min	19 kW	5200×2200×2150	R404A	400V/3/50Hz															
LH-M10	10000	51360	33 r/min	23 kW	5700×2200×2150	R404A	400V/3/50Hz															
LH-M12	12000	58000	33 r/min	26 kW	6000×2200×2150	R404A </tr <tr> <td>LH-M15</td> <td>15000</td> <td>65000</td> <td>33 r/min</td> <td>30 kW</td> <td>7000×2200×2150</td> <td>R404A</td> <td>400V/3/50Hz</td> </tr> <tr> <td>LH-M20</td> <td>20000</td> <td>80000</td> <td>33 r/min</td> <td>36 kW</td> <td>8800×2200×2150</td> <td>R404A</td> <td>400V/3/50Hz</td> </tr>	LH-M15	15000	65000	33 r/min	30 kW	7000×2200×2150	R404A	400V/3/50Hz	LH-M20	20000	80000	33 r/min	36 kW	8800×2200×2150	R404A	400V/3/50Hz
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