



VCool silo tank

Weather-proof cooling tank sends energy costs back to the Ice Age!

GEA Milking & Cooling | WestfaliaSurge

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GEA Farm Technologies

VCool silo tank

The practical, energy-efficient way to cool milk ...

Large quantities of milk demand large tank volumes. The new VCool silo tank from GEA Farm Technologies can hold up to 35,000 litres of milk but takes up very little space. The set-up area may only be small, however, with the vertically positioned tank large quantities of milk can be stored safely outside buildings – and, naturally, an optimal storage temperature reliably maintained. The top-quality stainless steel casing protects the tank whatever the weather and the excellent insulation prevents energy loss. All of these features make the VCool an ideal, inexpensive and highly energy-efficient tank solution!



Keep an eye on everything and your costs under control: The proven Expert control unit cools, agitates, cleans and monitors every function to ensure the lowest energy usage. Intuitive operation at an ergonomic height makes the program easy to operate and cleaning programs can even be customised in accordance with legal regulations! Available upon request with long-term data recording for herd management.



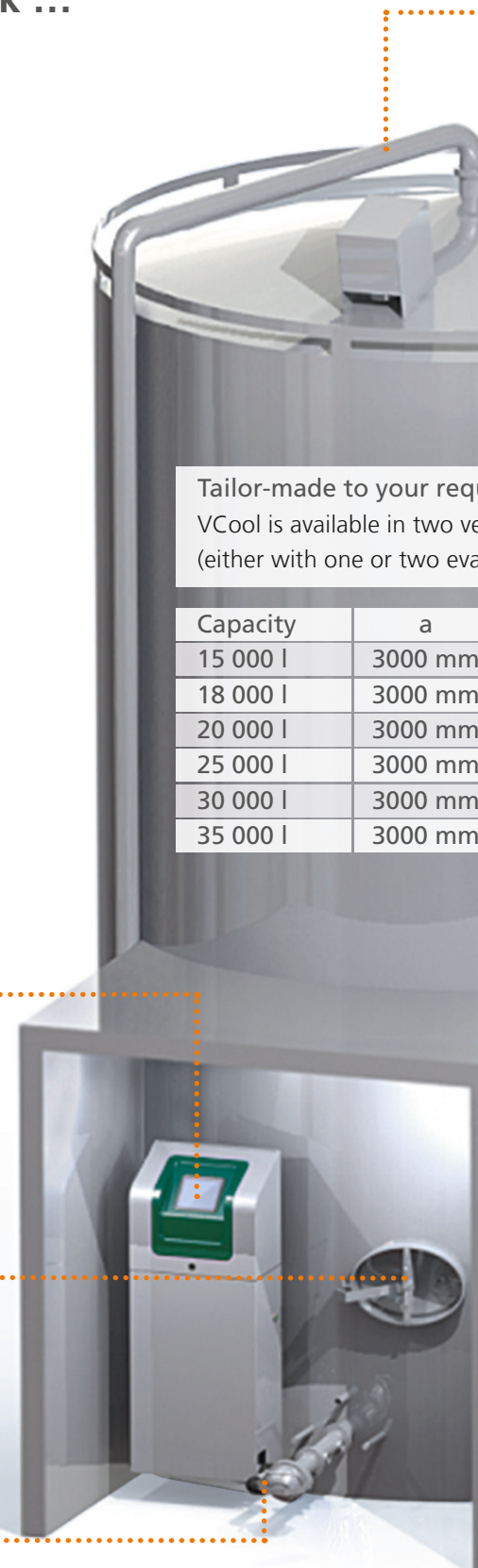
Quick and easy access inside the container: An inspection hatch with optional sampling equipment



Flexibly adaptable: Various connection options for the input / output of milk and water, optionally with a self-cleaning outlet

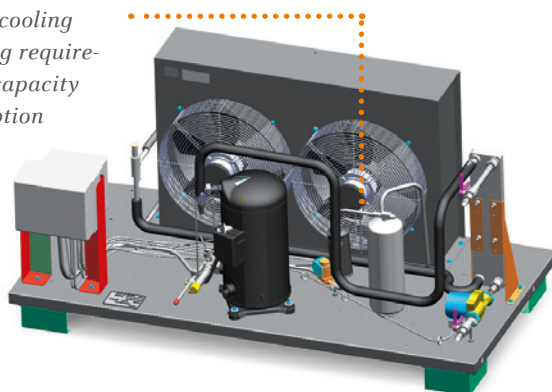
Tailor-made to your requirements
VCool is available in two versions
(either with one or two evaporators)

Capacity	a
15 000 l	3000 mm
18 000 l	3000 mm
20 000 l	3000 mm
25 000 l	3000 mm
30 000 l	3000 mm
35 000 l	3000 mm



..... Enables tank ventilation, reliably prevents contamination of the milk: secure venting pipe

Optimum efficiency: New cooling units adapted to the cooling requirements of a higher cooling capacity with lower energy consumption



Requirements:
versions
(aporators) and 6 sizes:

	b	c
	3450 mm	3680 mm
	3900 mm	4130 mm
	4260 mm	4490 mm
	5072 mm	5302 mm
	5900 mm	6130 mm
	6700 mm	6930 mm

a = Outside diameter
b = Height
c = Height with venting pipe



Guaranteed milk quality:
Gentle agitation ensures a reliable homogenisation of the milk throughout the whole tank. A conical floor makes sure that milk and rinsing water drain away completely.



Intelligent and efficient cleaning system:
A sprinkler with 6 water outlets and four additional water heaters guarantee reliable cleaning of the tank. The Expert control unit accurately monitors the cleaning cycles and the dosage of cleaning agent. In conjunction with the water pressure-independent level measurement, this ensures economical cleaning.

..... *Safety in the tunnel: An alcove between the milk chamber and the tank protects against bad weather conditions and unauthorised access (optional)*



Energy saving tip:

Take advantage of a heat recovery system and use the heat drawn from the milk to heat up the rinsing water!



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