



KonstantKool Milk Pump Control

Save energy while simultaneously improving milk quality



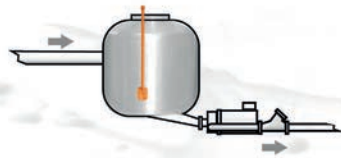
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The KonstantKool variable speed control provides important energy-saving operation of the milk pump by regulating the speed of the pump based on the level of milk in the receiver or milk/wash reservoir. A continuous, slow delivery of milk through the filter and to the plate cooler also provides a more thorough

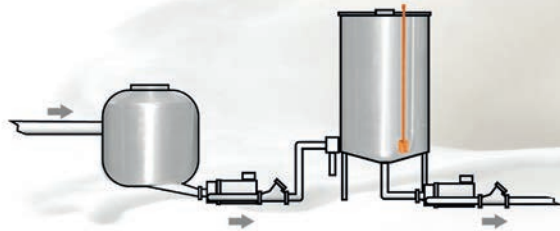
filtration process and cools the milk down to storage temperature much more quickly. The KonstantKool control handles milk gently which helps to improve milk quality — and all the while saving you energy!

Receiver Application



Single float probe kits are available for most GEA receivers.

Milk/Wash Reservoir Application



The single float 55" analogue probe can be programmed to optimize the milk/wash reservoir.

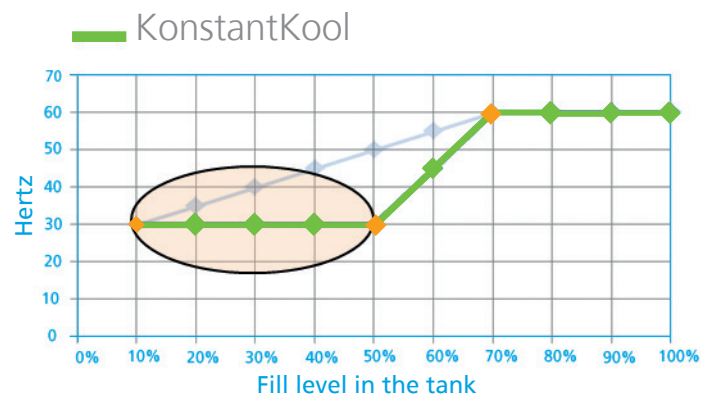
Filter thoroughly and cool milk quickly — the continuous, slow flow of milk through the milk filter and plate cooler ensure improved filter performance and quicker milk cooling with better heat dissipation. Bacteria growth is inhibited.

Gentle, uniform handling — the fresh milk supply is handled gently through the transportation process to the storage vessel, which means the fat globules in the milk are protected and milk quality is preserved.

Gain efficiency; save energy — controlled, continuous milk flow increases the efficiency of every milk handling component, including the milk pump, the plate cooler, and the storage vessel. The improved performance in operation and cooling efficiency helps to gain savings in energy costs.

Quiet operation — a smooth transfer between the beginning and ending of pump cycles minimizes congestion of liquid in the pipeline and reduces the noise level of the system.

High cleaning turbulence — to ensure thorough cleaning of the system, the pump operates at maximum speeds in a separate program.



Compared to a basic switching shaft, KonstantKool keeps the pump speed low for as long as possible.

GEA North America

GEA Farm Technologies, Inc.
1880 Country Farm Drive, Naperville, IL 60563
Toll Free: 1.877.WS.DAIRY or 1.877.973.2479

GEA Farm Technologies Canada Inc.
4591 boulevard St-Joseph, Drummondville, QC J2A 0C6
Toll Free: 1.877.WS.DAIRY or 1.877.973.2479

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