ImPulse III

Variable Speed Milk Pump Controller

PRECISE MILK PUMP CONTROL

- Matches pumping speed to incoming milk flow

Maximum Cooling Efficiency from Plate Coolers

- Slower milk flow through plate cooler allows maximum heat exchange and lowers milk temperature further

Lower Bacteria Counts

- Faster cooling reduces bacteria growth

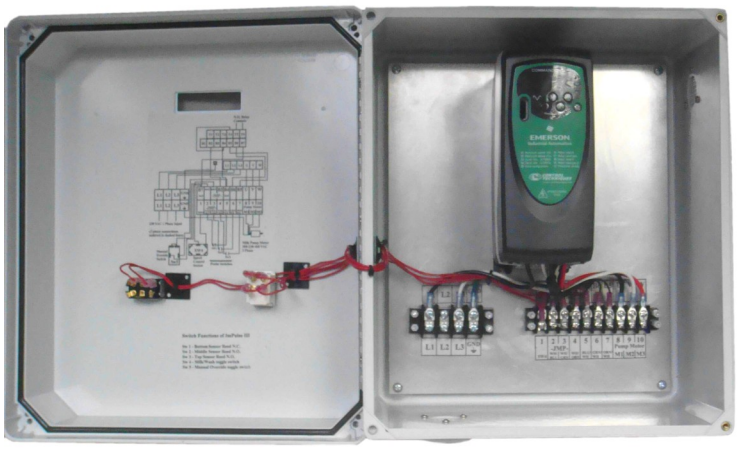
Better Milk Quality

- Slower milk pump operation reduces milk cell damage—minimizing the release of free fatty acids - high quality flavor is maintained.

technology that works

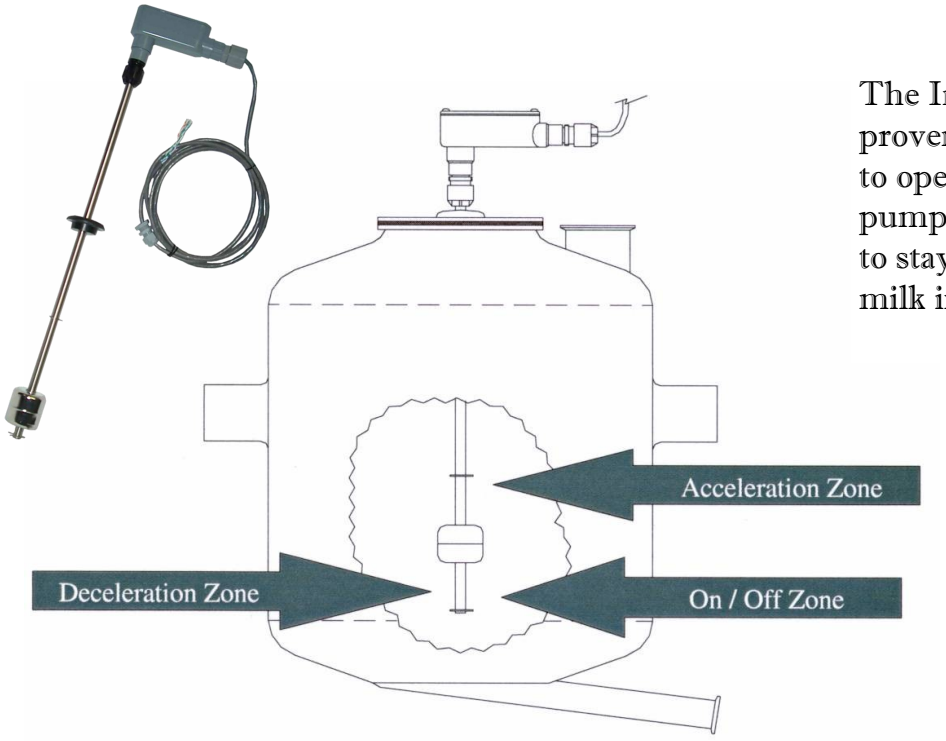
ImPulse III CONCEPT

The ImPulse III Controller varies the milk pump speed in order to pump milk through a plate cooler or other type of cooling device as slowly as possible.



Traditional milk pump control systems wait until milk accumulated in the receiver to a predetermined level then turns the pump on full speed—3,400 to 3,600 R.P.M. This rapidly pumps milk out until the receiver is nearly empty.

The speed at which milk is pumped through the cooling devices is very fast. The result is that milk is not cooled nearly as much as is possible. Slowing milk flow down allows for maximum heat exchange and the highest possible efficiency from cooling devices.



The ImPulse III uses proven float technology to operate the milk pump at variable speeds to stay just ahead of the milk inflow rate.

Visit our web page at
www.nupulse.com and www.ezeemilkingcatalog.com

E-Zee Milking Equipment, Inc & NuPulse
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