



DeLaval pulsator EP100 Precise electronic pulsation

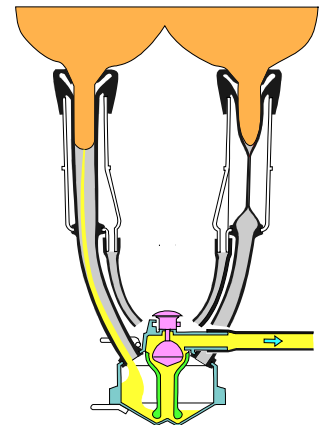


Precise Pulsation in the milking parlor

The heart of DeLaval pulsator EP100 is a quartz crystal, which resonates with the same precision as a digital watch.

Accurate timing of the intervals between changes in vacuum and air pressure is important for rapid milking and good udder health. These changes are governed by the pulsation rate.

The pulsation ratio requires accurate timing too. This is important in the relationship between the length of the milking phase and the massage phase - essential for the maintenance of healthy teats and quality milk production.



Precise alternate pulsation is kind on the teats and may help improve udder health.



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Parlor installations

DeLaval pulsator EP100 is designed to fit all types of parlors, new or old, high or low line.



Central filtration for less maintenance

Whatever your milking parlors, all pulsators can be connected to a separate filtered air pipe. This prevents contamination of the valves, reducing maintenance and quiets the pulsator.

Data - DeLaval pulsator EP100

Master unit	
Input	12v AC
Output:	12v DC pulsator volts
Connections:	4 (phased)
Pulsators per master unit:	20
Pulsations per minute:	60
Pulsation rate and ratio:	65/35, 70/30, 60/40
Pulsation indicator lamps:	4
EP100:	electro-pneumatic pulsator
Transformer	
Input:	220 volts AC
Output:	12 volts AC
Capacity:	minimum 96 Va/20 pulsator

Master unit

DeLaval pulsator EP100 master unit contains all the electronics and electrical equipment used to control pulsation in the parlor. It supplies the pulsators with safe low voltage pulses via four channels in order to even out the vacuum consumption and aid safe and stable milking.



Compact pulsator with bayonet connection

DeLaval pulsator EP100 has specially designed solenoids which are easy to clean and simple to maintain. Just twist off, clean and twist on. For minimum wear and low power consumption, this pulsator is low-energy, 12 volts, with vacuum-operated diaphragm valves. The minimal movement of these valves means rapid and precise action and a long service life.



DeLaval pulsator EP100 is equipped with a bayonet attachment for easy installation and service.