

Alfa-Laval Offers Pulse Indicator For Milk Lines

KANSAS CITY, MO—For the first time, dairymen can detect pulsator failures without interrupting the milking routine, thanks to a revolutionary device recently

introduced by Alfa-Laval Agri, Inc.

The Pulse Indicator enables dairymen to determine -- at a glance and as milking progresses --

if any pulsator is malfunctioning. This is the first time dairymen have been offered this capability.

With the Pulse Indicator pulsation failure is immediately

apparent.

The device is ingeniously simple -- consisting of a short, clear plastic tube that contains a fluorescent red plastic ball. The Pulse Indicator is inserted into the pulsation air line, about eight inches from the pulsator, and can be installed in a matter of seconds.

As air travels through the line, the red ball moves back and forth, indicating the air flow to and from the milking claw. If the ball does not move, or if it moves erratically, the dairyman knows there is a pulsation problem and can take corrective action before serious damage occurs.

Alfa-Laval's Pulse Indicator can be used in either a stanchion/tie stall barn or in a parlor. It works equally well when inserted into the pulsation air line horizontally, vertically or at any angle in-between. The device works with any type or brand of pulsator.

Air restriction through the Pulse Indicator is minimal. A ratio within 5 percent of the designed ratio is usually considered normal. The Pulse Indicator results in a change in the pulsation ratio of less than

0.5 percent. For example, 70:30 pulsation would become 69:5:30.5 with the indicator in place.

According to Bob Gray, milking products group director at Alfa-Laval, this minimal air restriction is far outweighed by the benefits the Pulse Indicator provides.

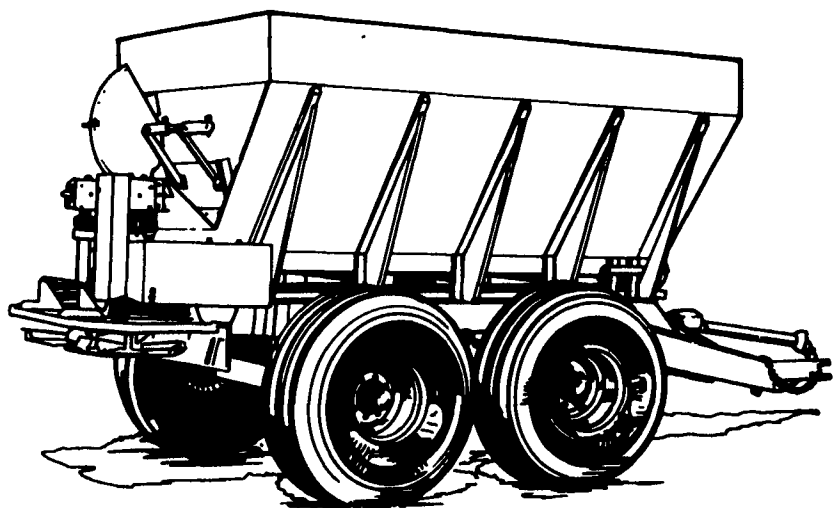
"I can't think of any dairyman who wouldn't gladly sacrifice such a small change in pulsation ratio for the assurance that all his pulsators are working," Gray said, "especially when you consider the Pulse Indicator's other advantages.

"This device provides a new level of convenience of the dairyman, and an added measure of safety for his cows," he said.

"What's more," Gray added, "the Pulse Indicator is reliable and inexpensive. In fact, it's the cheapest insurance policy a dairyman can have. That's why every dairyman should have a Pulse Indicator on every one of his pulsators."

Alfa-Laval Pulse Indicators are available exclusively at De Laval dealerships nationwide. The list price for a package of four indicators is \$8.35.

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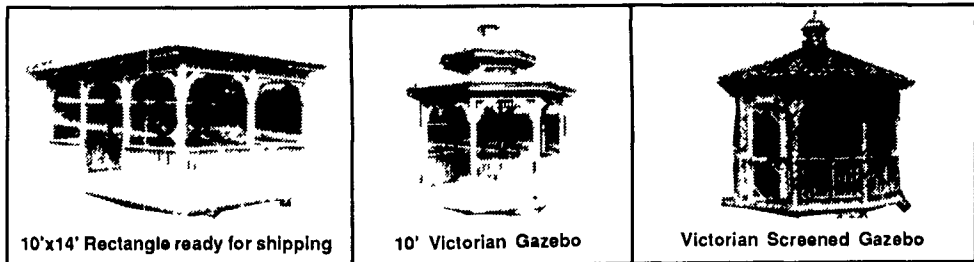
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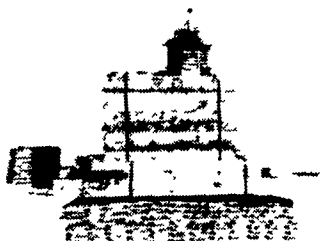
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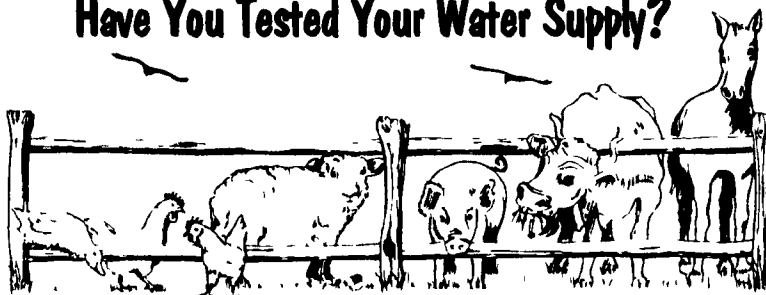
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(Continued from Page D12)

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