

## Scherping Stainless Steel Air Eliminator Model AE-100

Mfg: Scherping

Model: AE-100

Stock No. RLOL324.2a

Serial No.

### Scherping Stainless Steel Air Eliminator.

- Job No. 960641003.
- Model AE-100.
- Inlets/Outlets: (1) 3 in. (1) 4 in. (1) 1-¼ in.
- Overall dimensions: 22 in. W, 22 in. L, 49 in. H.
- Tank Diameter: 12 in. Tank Height: 28 in. Three 2 in. legs.



RECEIVING PUMP AIR ELIMINATOR



**Entrained air is  
minimized**

*Saves money by reducing BOD load*

**Eliminates pump  
cavitation**

*Extends pump life*

**THE SCHERPING RECEIVING PUMP AIR**

**ELIMINATOR CAN SAVE YOU MONEY, EXTEND**

**YOUR PUMP LIFE, AND ASSIST IN PROVIDING**

**CORRECT METER READINGS – EVERY TIME!**



**Scherping Systems**

A **CELE** COMPANY

( 3 2 0 ) 4 8 5 - 4 4 0 1

# Receiving Pump Air Eliminator

Entrained air is minimized by removing air from the milk before it reaches the receiving pump which also:

- extends the pump life by eliminating pump cavitation
- assists in accurate meters readings

Trucks are completely drained of milk before the unloading hose is unhooked so milk won't stay in the trucks or spill onto the floor. This results in lower BOD loads since milk won't be going down the drain.

## How it works...

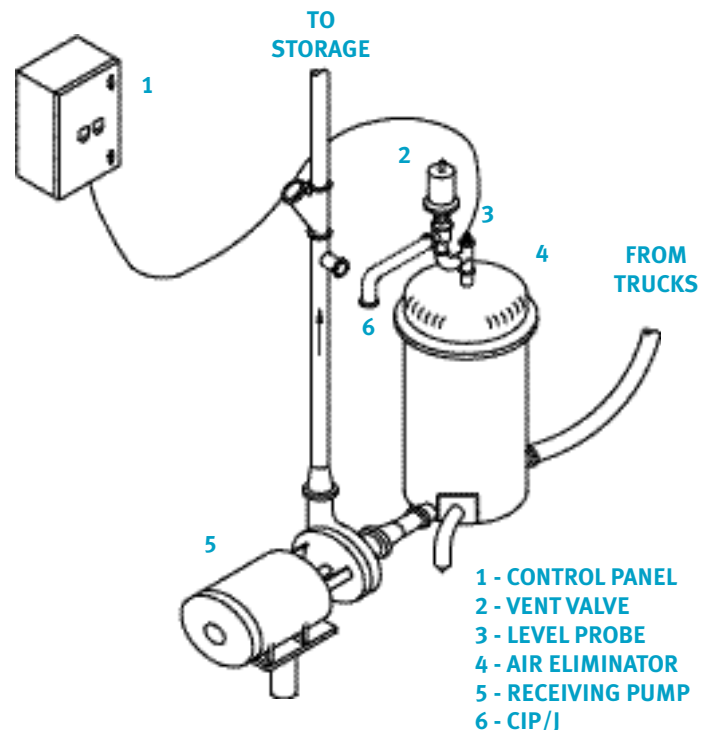
When a milk transport is in position the unloading hose from the receiving pump air eliminator is hooked up and the start button is pulled. At this time the air eliminator vent valve is opened which will allow the air eliminator to fill with milk.

When the milk level has risen to a point that satisfies the level probes the vent valve will close and the milk unloading pump will be energized. Milk unloading will commence at a rate dependent upon the capacity of the unloading pump. This capacity, however, will not be reduced due to the presence of the receiving pump air eliminator.

As the level of the milk in the transport comes down, the air drawn into the unloading hose will remain in the air eliminator and will not be entrained into the milk by the unloading pump.

Once the milk in the air eliminator has been displaced by air to a level that no longer satisfies the level probes, the receiving pump is shut off. At this time the air eliminator vent valve is opened and the air eliminator will refill with milk. This cycle is normally repeated two or three times before the transport is completely drained of milk.

**Contact us today to hear how the Scherping Receiving Pump Air Eliminator can save you money!**



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