



Air  
Eliminator  
Tank



## Air Eliminator Tanks

### Unique features aid the milk intake process

A Koss Air Eliminator Tank placed between the tanker and your flow meter helps ensure more reliable, accurate volume measurements. Our tanks have multiple, unique design features that allow you to experience improved product quality, easier, more effective cleaning, and extended pump life.

#### Pitched Inlet

- Our pitched (5°) inlet helps drain the tanker naturally and completely
- Milk enters the tank tangentially helping to prevent a vortex
- Air escapes the top vent naturally and continuously
- No vacuum pump needed

#### Pitched Outlet

- Our unique pitched (15°) outlet design helps eliminate vortex
- Prevents air from re-entering the milk without use of vortex breakers

#### No Float / No Vortex Breaker Needed

- Our tanks vent air naturally, so no floats or vortex breakers needed
- No bulky, hard-to-clean apparatuses inside the tank
- More hygienic design

#### Safer Pumping

- Pump engages when milk reaches a preset level for preventing air from being sucked into the line and stops when milk drops below a preset level
- Because our tanks are superior at reducing air pockets, you are less likely to experience pump cavitation and damage to your pump

#### Accurate Measuring

- Flow meters register both the air in the incoming milk and the milk itself
- Less air pockets means more accurate milk volume measurements

#### CIPable

- Simply remove hose from tanker and hook to CIP supply
- Connect tank's spray ball fitting to small fitting on piping system between check valve and flow transmitter

Koss Air Eliminator Tanks  
are completely  
CIPable



To prevent a vortex,  
Koss Air Eliminator Tanks  
feature pitched inlets  
and outlets.

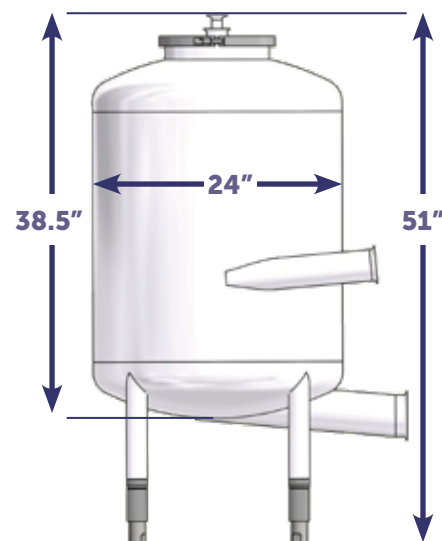
We are a leading manufacturer of custom stainless steel processing equipment and a preferred provider of quality products and services to the dairy, food, beverage and other sanitary industries.



## Air Eliminator Tanks

### Features and benefits

Feature	Other Manufacturers	Koss Air Eliminator	Why Koss is Better
Inlet	Horizontal	Pitched	Milk enters tank at a tangent which aids in preventing a vortex
Air Elimination	Air vent exhausts as milk level drops / vacuum pump needed	Air escapes through top vent naturally and continuously	No vacuum pump needed.
Float	Yes	No	No bulky apparatuses in tank. More hygienic/easier to clean.
Vortex Breaker	Yes	No	No bulky apparatuses in tank. More hygienic/easier to clean.
Outlet	Vertical	Pitched	Naturally eliminates vortex preventing air from re-entering the milk. Vortex breaker not needed.
Cleaning	Must re-pipe to CIP system	Connects simply and quickly	Connect hose to CIP supply and connect spray ball fitting to fitting on piping.



### At a glance

- 304 Stainless Steel
- #4 Dairy Finish
- Tank Diameter = 24"
- Tank Height = 38.5"
- Overall Height = Approximately 51" depending on feet used
- Choose 3-A Leveling Feet OR Tabbed Feet
- Probe Required

### Technical data

Construction	304 Stainless Steel
Finishing	Polished, #4 dairy finish (25-32 RA), interior, exterior and welds
Tank Diameter	24 inches
Tank Height*	38.5 inches without feet
Foot Options	3-A Leveling Feet (KFRM-S-W-2.0) with 2.5" adjustment range OR tabbed feet, bolted to floor
Probe	Required part #14525 - 2-part level probe assembly

\* Overall height dependent on foot style used, but roughly 51 inches.

### Contact us for a quote!

1-800-844-6261 or [inside.sales@kossindustrial.com](mailto:inside.sales@kossindustrial.com)