

Siphon Breaker For All Centralized Flushed Dosing Systems

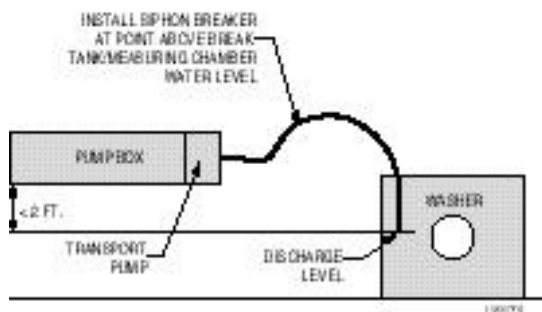
Situation

Water in break tank siphoning into one or more washers.

Information

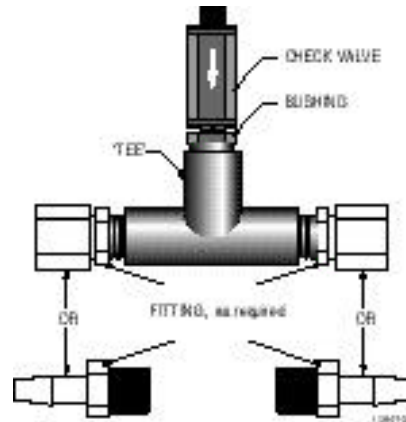
Certain situations can cause water in the dosing system to siphon into one or more of the washers. Although this situation in itself is not a "failure," it may slow system performance, cause calibration errors, and increase time required to refill break tank or measuring chamber before the feed can commence. Additionally, the introduction of air into the transport system should be avoided.

Siphoning can occur when the transport pump elevation is higher than the outlet end of the transport tube. Small elevation differentials of less than two feet, (0.61 meters) are seldom a problem because of the slight check valve action of the transport pump. However, large elevation differences, or transport system configurations where the transport tubes are directly connected to the washer shell below the wash liquor level may cause siphoning.



Typical washer setup with flushed dosing system.

The installation of a siphon breaking check valve will eliminate the problem. A siphon breaker should be installed between the transport pump and the washer, in a position above the transport pump.



Siphon Breaker Assembly, with straight tube or barb fittings (both included in kit).

Ordering Information

Description	Qty	Item #
Complete Anti-Siphon Kit	1	099246



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