

# CAMS – High Capacity INSTALLATION GUIDE

## **Air Requirement.**

80 to 125 psig at 100 CFM, oil and dirt free. 1 to 24 purge cycles per day, with a field selectable duration between 30 and 120 seconds during which compressed air is released.

## **Line Size from CAMS Panel to Flow Measuring Station or Probes.**

**Distance from CAMS panel  
to flow measuring station air probe.**

**Tube Size.**

< 25'  
25' - 50'

3/4" S.S. tube  
1.0" S.S. tube

## **Accumulator Tank** (strongly recommended).

Requires coalescing filter, pressure regulator, and check valve at the tank inlet.

- 120 gallons - All CA stations.
- 120 gallons - Multiple VOLU-probes having a combined length greater than 10'.
- 80 gallons - One or more VOLU-probes having a combined length less than 10'.

## **Line from Accumulator Tank to CAMS Panel.**

25' maximum length, 3/4" pipe (minimum). Recommend locating accumulator tank as close as possible to CAMS panel.

## **Electrical Power Requirement.**

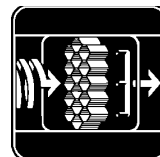
- 24VAC, 54VA
- 24VDC, 48VA
- 120VAC, 108VA

## **Ambient Temperature.**

40°F-140°F. For ranges above or below this ambient temperature, use of panel heater and/or cooler is required.

## **Purge Frequency.**

Once/day minimum, once/hour maximum.



**AIR MONITOR  
CORPORATION**