

# CAMS

## 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'	1/2" S.S. tube
25' - 50'	3/4" S.S. tube
> 50'	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, 1/2" pipe (minimum). Recommend locating accumulator tank as close as possible to CAMS panel.

### Electrical Power Requirement.

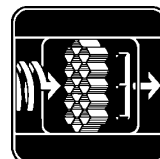
- 24VAC, 35VA
- 24VDC, 20VA
- 120VAC, 42VA

### Ambient Temperature.

40°F to 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