SUBMITTAL SHEET

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 or Probe	Tube Size	Tubing Wall Thickness (applies to all tube sizes)
< 25'	3/4" S.S. tube	.035" – Suitable for compression fittings
25' - 50'	1.0" S.S. tube	.065" – Recommended for socket weld fittings

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'.

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.

	In Rush	Hold
☐ 24VAC	85VA	73VA
☐ 24VDC	37W	37W
☐ 120VAC	106VA	92VA

Notes
Add 21VA In Rush, 12VA Hold (8W) for 400 BTUH @ 100 psig ≤70ºF for vortex cooler option.
Add 3.2A @ 120VAC for 400 watt heater option.

Ambient Temperature.

40ºF-140ºF. 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.

P.O. Box 6358 • Santa Rosa, CA 95406 • (707) 544-2706 • (707) 526-2825 Fax
www.airmonitor.com • amcsales@airmonitor.com

AIR MONITOR CORPORATION