

AUTO-purge III 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 AUTO-purge Panel to Flow Measuring Station or Probes.

**Distance from AUTO-purge 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 AUTO-purge Panel.

25' maximum length, 1/2" pipe (minimum). Recommend locating accumulator tank as close as possible to AUTO-purge panel.

Electrical Power Requirement.

None when used with an Air Monitor transmitter. (NOTE: This adds 36VA to the transmitter's power requirement.)
24VAC, 36VA when not initiated by an Air Monitor transmitter.
120VAC, 10 amp when an optional enclosure heater is installed.

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.